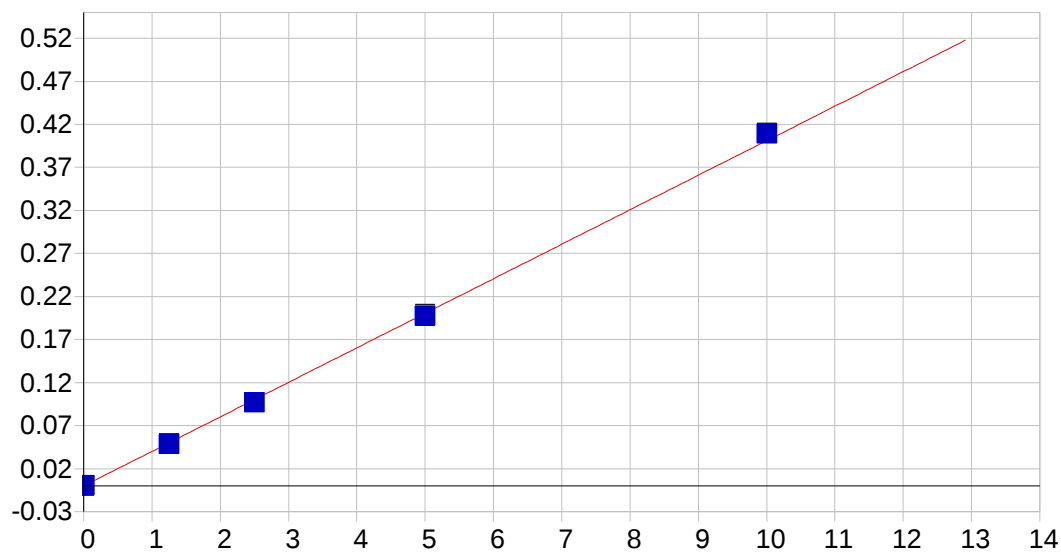


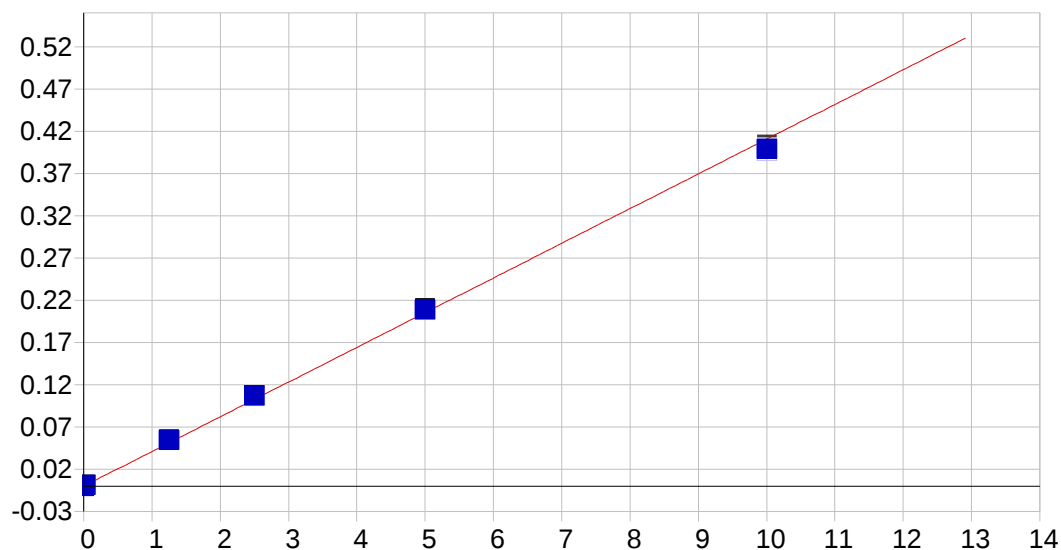


As 189.042 {479}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.040109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003539
 Predicted MQL: 0.011797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.00958	.000	-4.23	.00030	.000	1
S2	1.2500	1.2109	-.039	-3.13	.04860	.000	1
S3	2.5000	2.4096	-.090	-3.62	.09680	.000	1
S4	5.0000	4.9346	-.065	-1.31	.19831	.001	1
S5	10.000	10.195	.195	1.95	.40979	.000	1

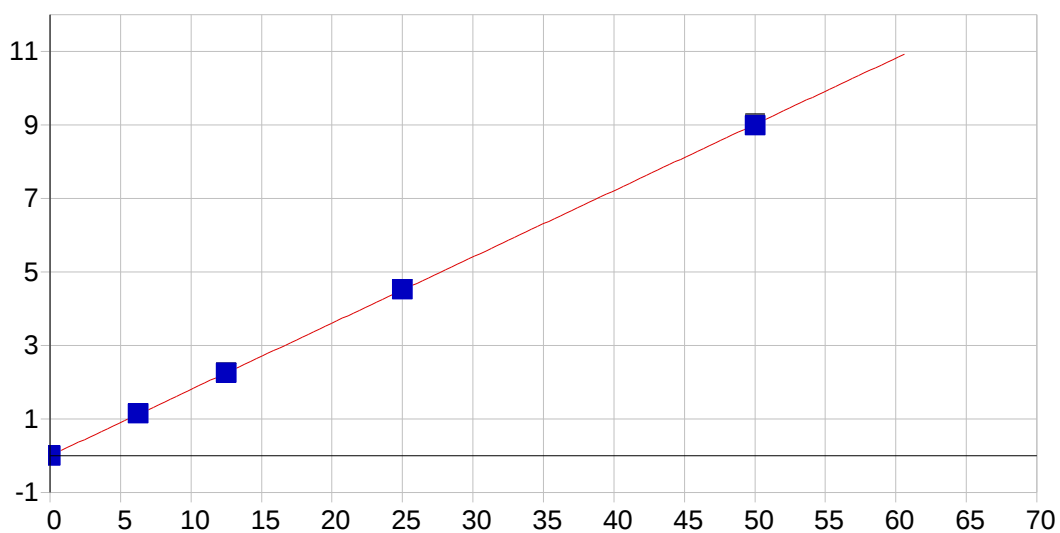


TI 190.856 {477}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.041064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999462 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002682
 Predicted MQL: 0.008942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00009	.000	1
S1	.02500	.02805	.003	12.2	.00105	.000	1
S2	1.2500	1.3283	.078	6.26	.05415	.001	1
S3	2.5000	2.6088	.109	4.35	.10642	.000	1
S4	5.0000	5.0953	.095	1.91	.20791	.001	1
S5	10.000	9.7146	-.285	-2.85	.39635	.005	1

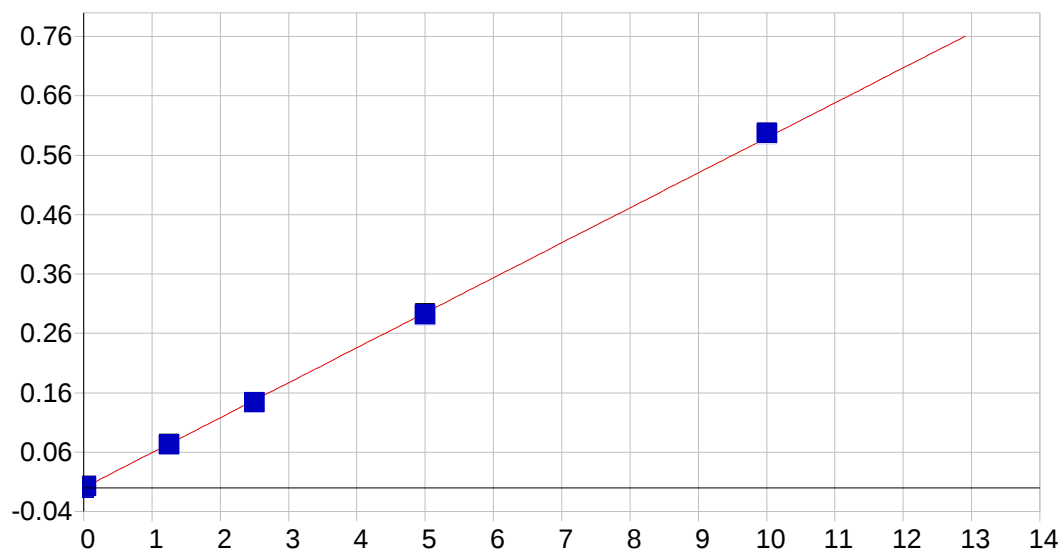


Pb 220.353 {453}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000556 Re-Slope: 1.000000
 A1 (Gain): 0.180327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.001582
 Predicted MQL: 0.005274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.01000	.01002	.000	.170	.00126	.000	1
S2	6.2500	6.3351	.085	1.36	1.1436	.001	1
S3	12.500	12.498	-.002	-.019	2.2566	.002	1
S4	25.000	25.057	.057	.226	4.5249	.002	1
S5	50.000	49.861	-.139	-.279	9.0048	.021	1

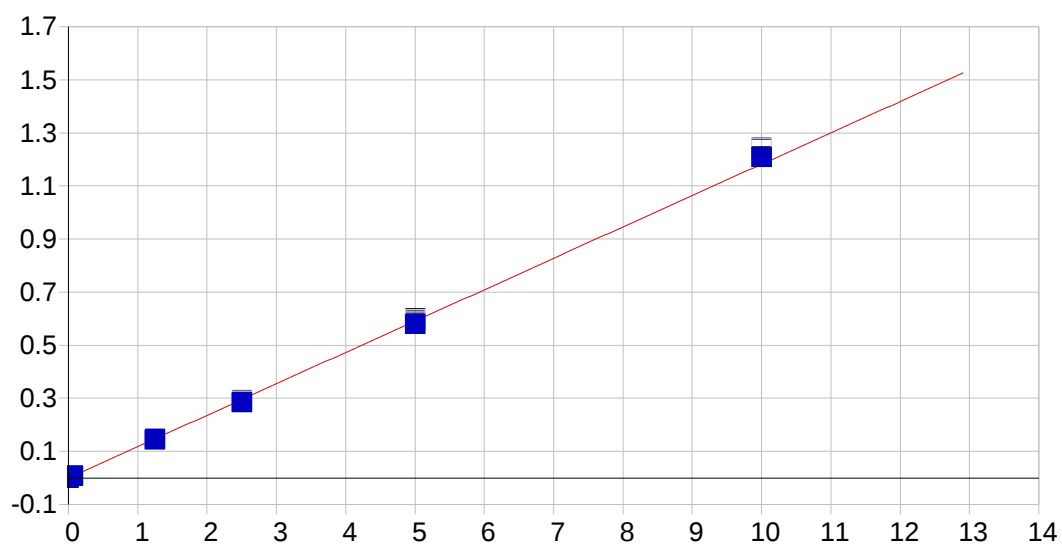


Se 196.090 {472}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.058934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003238
 Predicted MQL: 0.010792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.03500	.03481	.000	-.544	.00210	.000	1
S2	1.2500	1.2344	-.016	-1.25	.07245	.001	1
S3	2.5000	2.4340	-.066	-2.64	.14281	.000	1
S4	5.0000	4.9449	-.055	-1.10	.29009	.002	1
S5	10.000	10.137	.137	1.37	.59470	.001	1

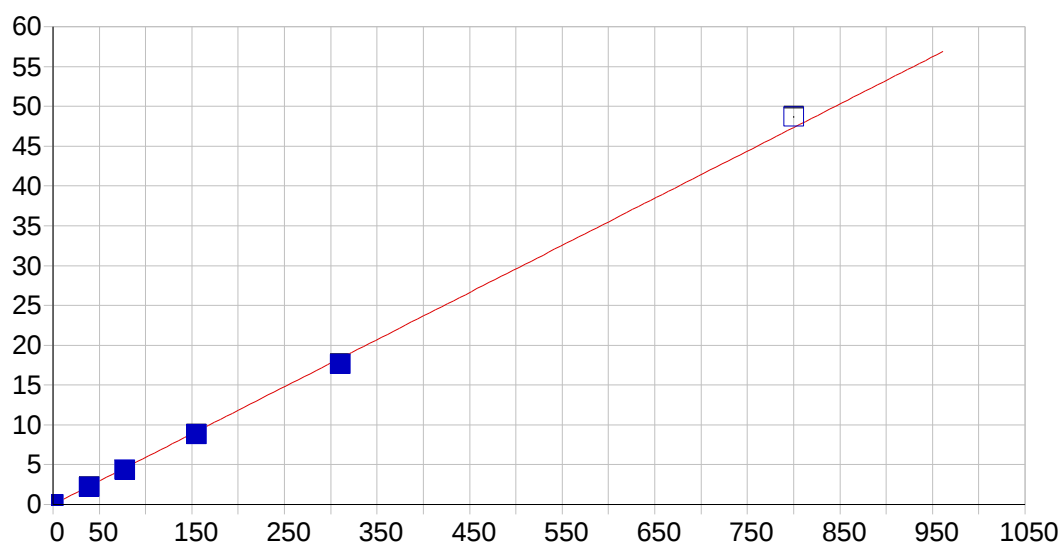


Sb 206.833 {463}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.118202 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999697 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.001781
 Predicted MQL: 0.005937

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00005	.000	1
S1	.06000	.05759	-.002	-4.01	.00676	.000	1
S2	1.2500	1.2112	-.039	-3.11	.14714	.001	1
S3	2.5000	2.3994	-.101	-4.02	.29161	.001	1
S4	5.0000	4.9138	-.086	-1.72	.59687	.004	1
S5	10.000	10.228	.228	2.28	1.2411	.001	1

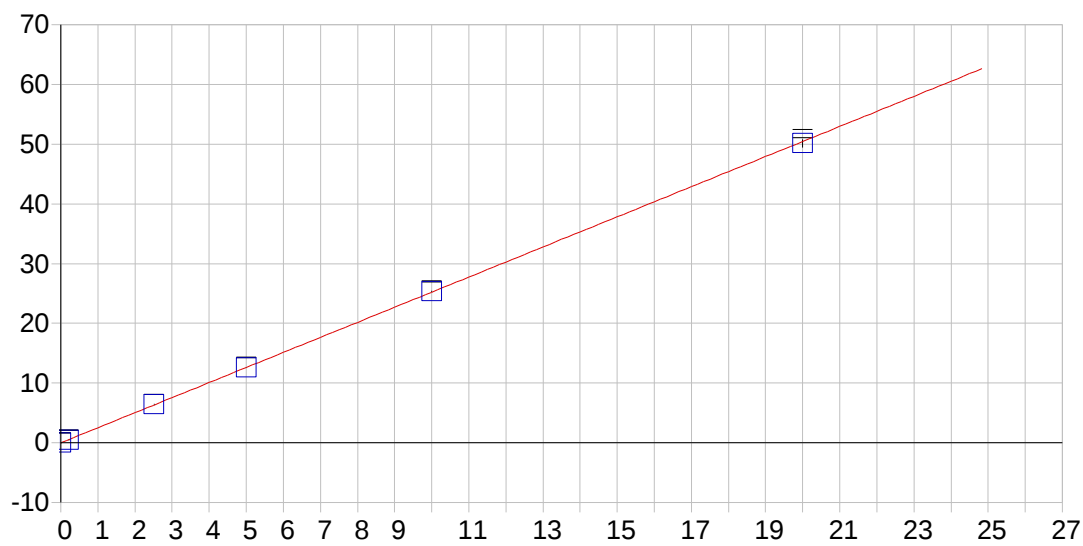


AI 396.152 { 85}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001283 Re-Slope: 1.000000
 A1 (Gain): 0.059163 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999448 Status: OK.
 Std Error of Est: 0.001223
 Predicted MDL: 0.014872
 Predicted MQL: 0.049574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00128	.001	1
S1	.20000	.19627	-.004	-1.86	.01291	.000	1
S2	38.750	37.704	-1.05	-2.70	2.2341	.009	1
S3	77.500	73.849	-3.65	-4.71	4.3747	.041	1
S4	155.00	148.90	-6.10	-3.93	8.8193	.007	1
S5	310.00	298.21	-11.8	-3.80	17.662	.063	1
S6	800.00	822.61	22.6	2.83	48.669	.108	1

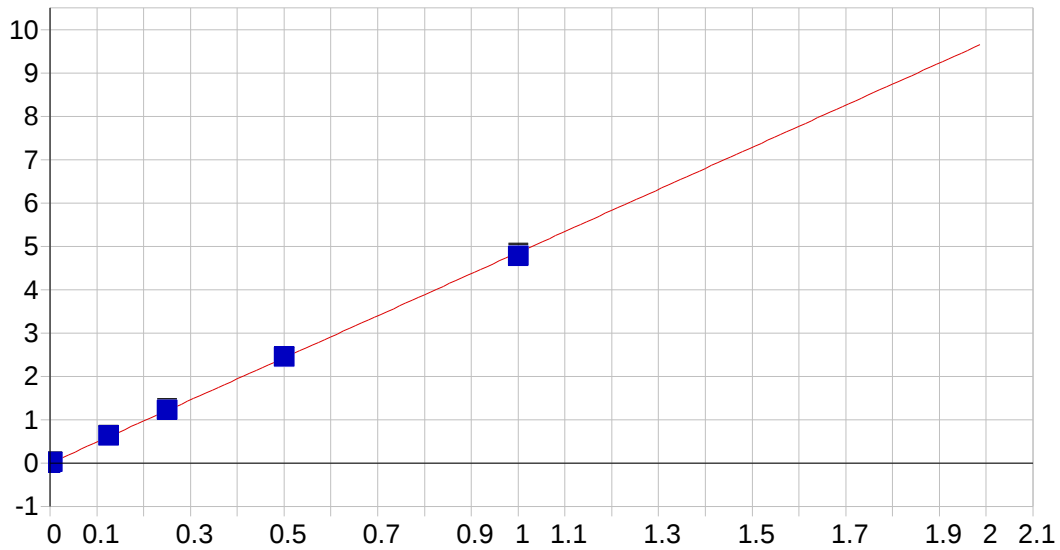


Ba 493.409 { 68}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007994 Re-Slope: 1.000000
 A1 (Gain): 2.522432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.002230
 Predicted MDL: 0.000971
 Predicted MQL: 0.003237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00802	.003	1
S1	.20000	.20359	.004	1.80	.50555	.002	1
S2	2.5000	2.5614	.061	2.45	6.4529	.008	1
S3	5.0000	5.0137	.014	.273	12.639	.067	1
S4	10.000	10.047	.047	.465	25.334	.079	1
S5	20.000	19.875	-.125	-.626	50.125	.665	1

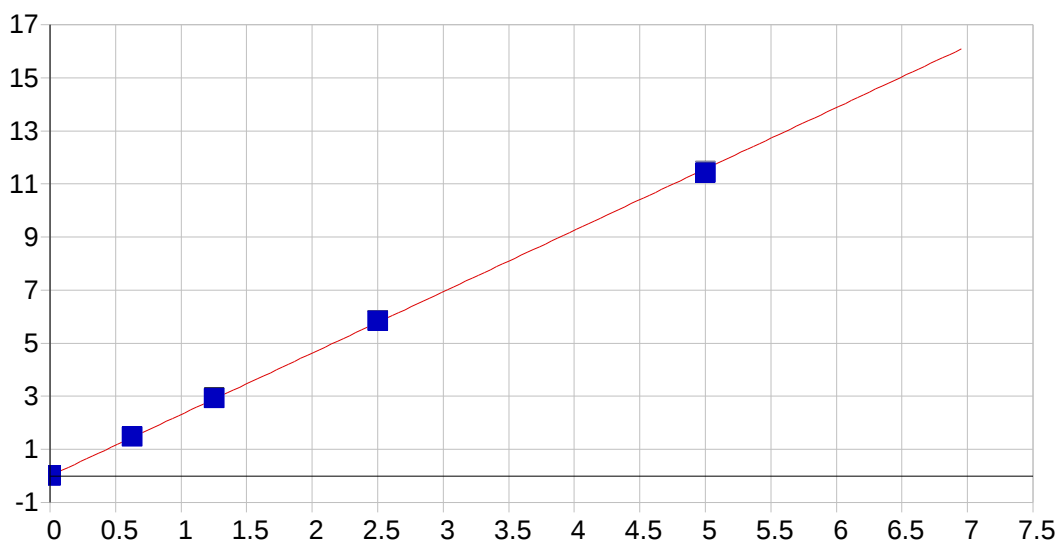


Be 234.861 {144}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001093 Re-Slope: 1.000000
 A1 (Gain): 4.856906 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00109	.000	1
S1	.00500	.00509	.000	1.71	.02359	.001	1
S2	.12500	.13137	.006	5.09	.63428	.002	1
S3	.25000	.25404	.004	1.62	1.2275	.020	1
S4	.50000	.50419	.004	.838	2.4371	.005	1
S5	1.0000	.98532	-.015	-1.47	4.7633	.056	1

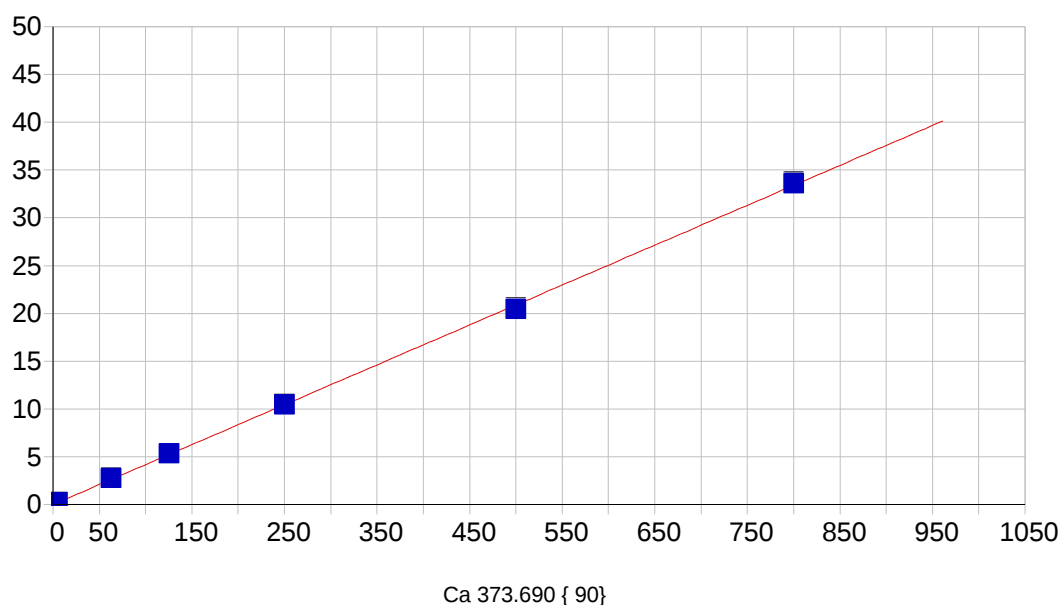


Cd 214.438 {457}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000065 Re-Slope: 1.000000
 A1 (Gain): 2.312970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000257
 Predicted MDL: 0.000084
 Predicted MQL: 0.000281

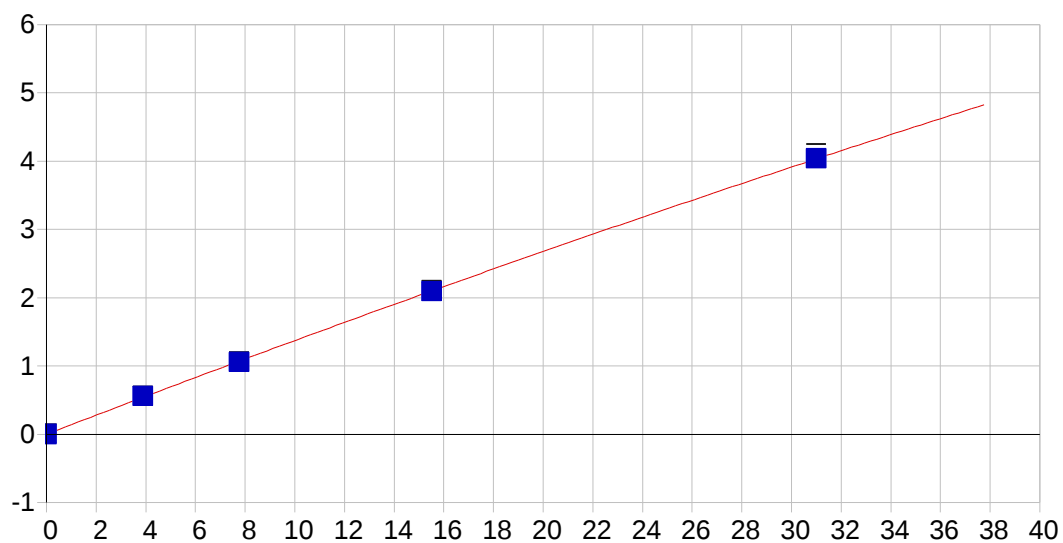
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.00500	.00502	.000	.319	.01167	.000	1
S2	.62500	.64244	.017	2.79	1.4890	.001	1
S3	1.2500	1.2671	.017	1.37	2.9368	.001	1
S4	2.5000	2.5243	.024	.970	5.8505	.008	1
S5	5.0000	4.9412	-.059	-1.18	11.453	.030	1



Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002037 Re-Slope: 1.000000
 A1 (Gain): 0.041745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.002405
 Predicted MDL: 0.019479
 Predicted MQL: 0.064930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	.00201	.001	1
S1	5.0000	5.4184	.418	8.37	.22826	.001	1
S2	62.500	65.895	3.39	5.43	2.7621	.007	1
S3	125.00	127.16	2.16	1.73	5.3290	.031	1
S4	250.00	249.87	-.133	-.053	10.470	.032	1
S5	500.00	490.08	-9.92	-1.98	20.535	.097	1
S6	800.00	804.07	4.07	.509	33.766	.051	1

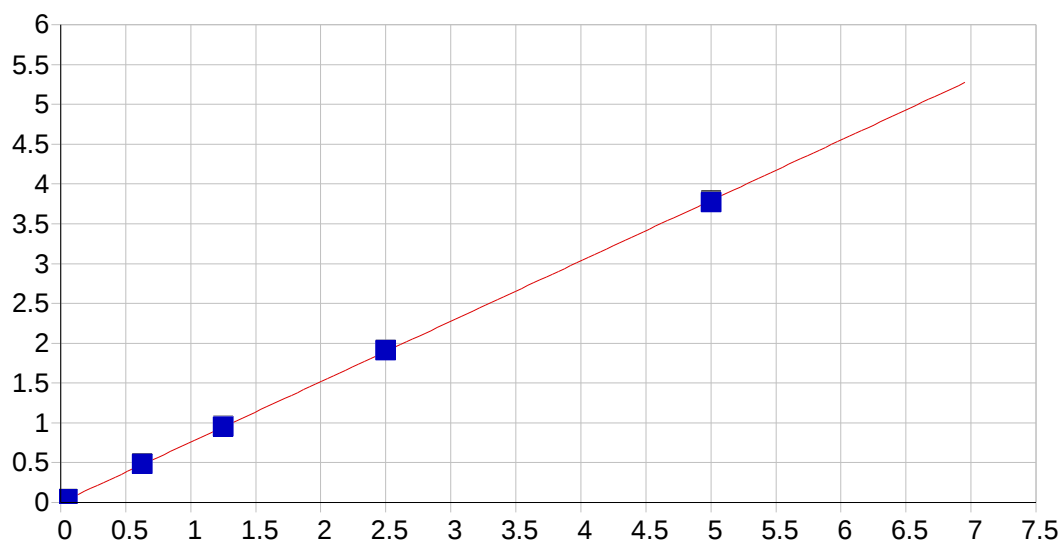


Cr 267.716 {126}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.140698 Y-int: 0.000000
 A2 (Curvature): -0.000341
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.000579
 Predicted MQL: 0.001929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01135	.001	13.5	.00154	.000	1
S2	3.8750	3.9935	.119	3.06	.55735	.003	1
S3	7.7500	7.6491	-.101	-1.30	1.0581	.011	1
S4	15.500	15.435	-.065	-.422	2.0942	.013	1
S5	31.000	31.047	.047	.152	4.0473	.065	1

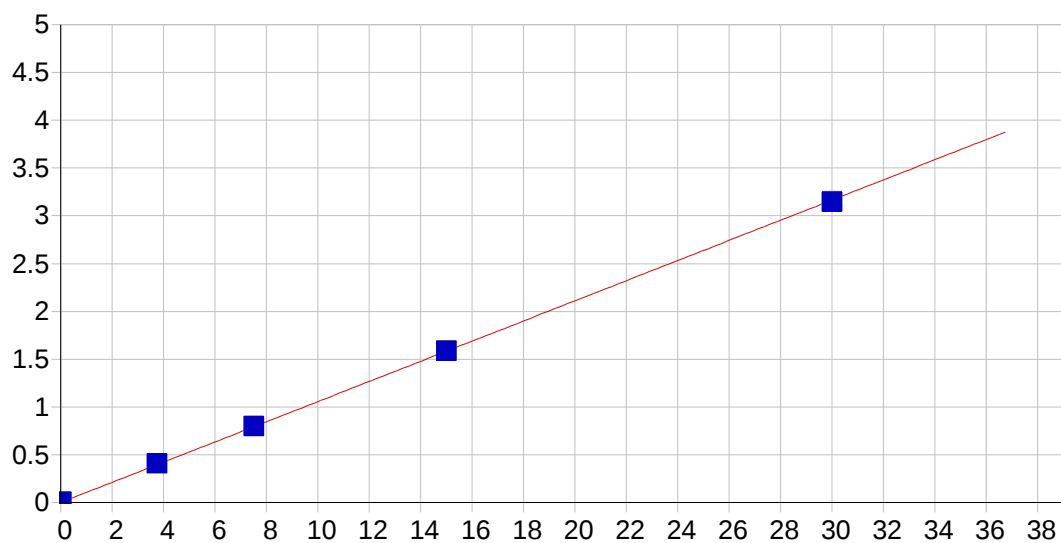


Co 228.616 {448}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.758405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.000260
 Predicted MQL: 0.000867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.05000	.04898	-.001	-2.03	.03746	.001	1
S2	.62500	.63510	.010	1.62	.48277	.000	1
S3	1.2500	1.2575	.007	.596	.95570	.001	1
S4	2.5000	2.5161	.016	.646	1.9122	.001	1
S5	5.0000	4.9673	-.033	-.654	3.7749	.012	1

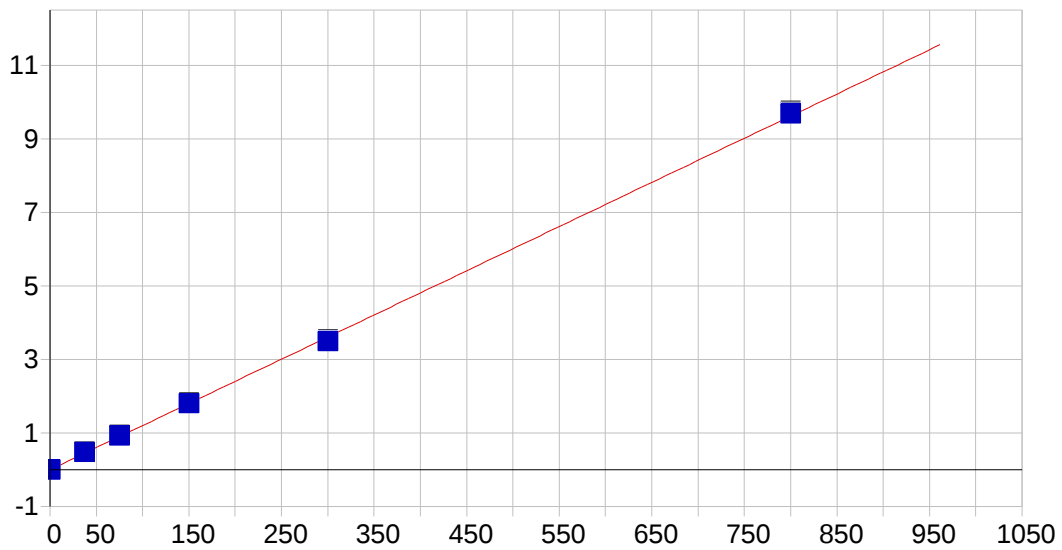


Cu 324.754 {104}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000340 Re-Slope: 1.000000
 A1 (Gain): 0.105492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.004395
 Predicted MQL: 0.014649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02500	.02844	.003	13.8	.00333	.001	1
S2	3.7500	3.8626	.113	3.00	.40757	.002	1
S3	7.5000	7.5350	.035	.466	.79473	.005	1
S4	15.000	15.024	.024	.161	1.5843	.001	1
S5	30.000	29.825	-.175	-.584	3.1446	.007	1



Fe 259.837 {130}

Date of Fit: 4/26/2018 11:36:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000075

Re-Slope: 1.000000

A1 (Gain): 0.012019

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999830

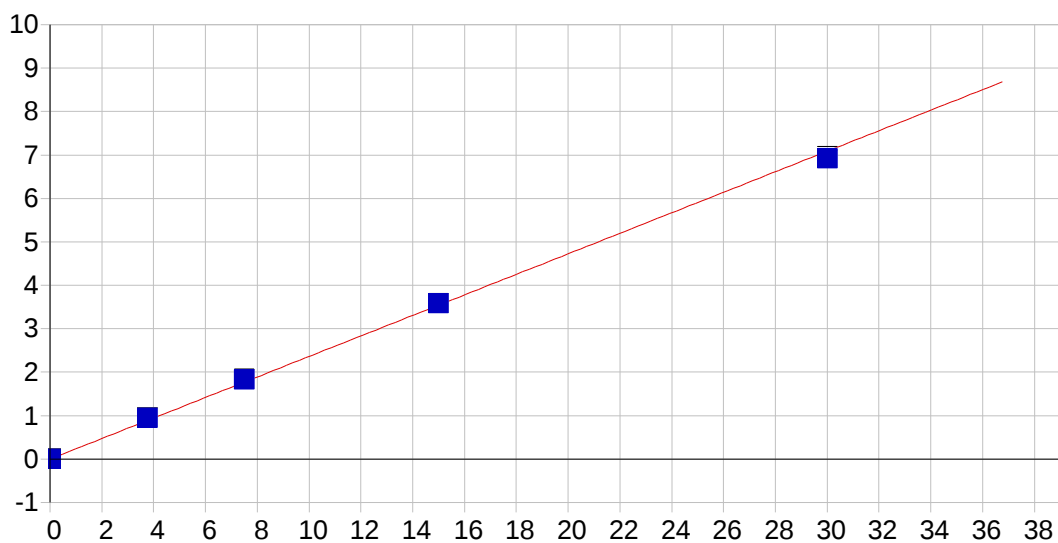
Status: OK.

Std Error of Est: 0.000097

Predicted MDL: 0.020530

Predicted MQL: 0.068434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00008	.000	1
S1	.10000	.11925	.019	19.3	.00138	.000	1
S2	37.500	39.524	2.02	5.40	.47739	.005	1
S3	75.000	76.436	1.44	1.91	.92345	.014	1
S4	150.00	149.95	-.054	-.036	1.8118	.004	1
S5	300.00	290.77	-9.23	-3.08	3.5140	.027	1
S6	800.00	805.81	5.81	.727	9.7289	.023	1

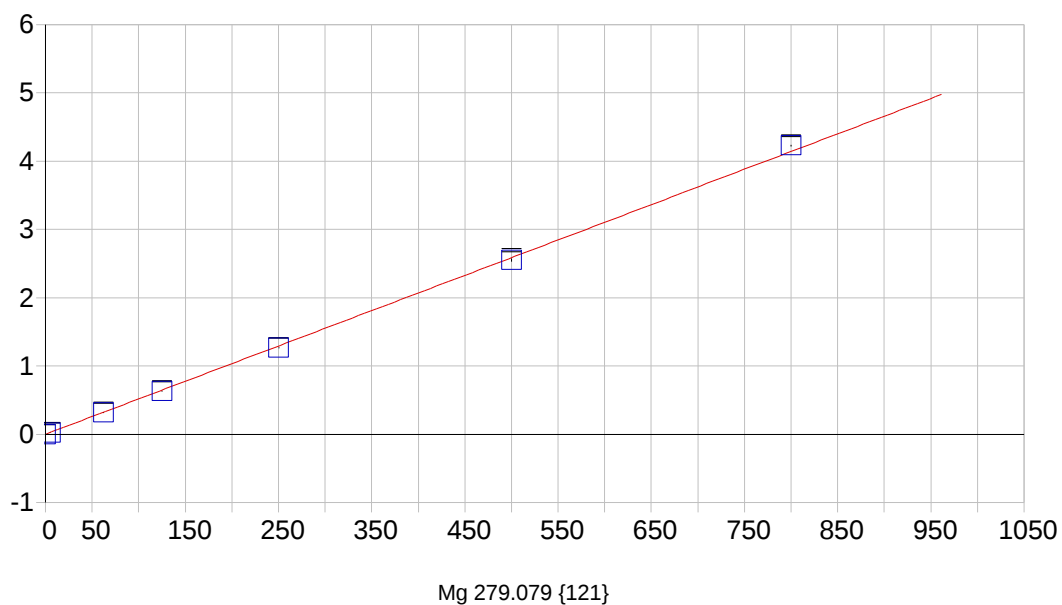


Mn 257.610 {131}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.236236 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999584 Status: OK.
 Std Error of Est: 0.000242
 Predicted MDL: 0.001106
 Predicted MQL: 0.003688

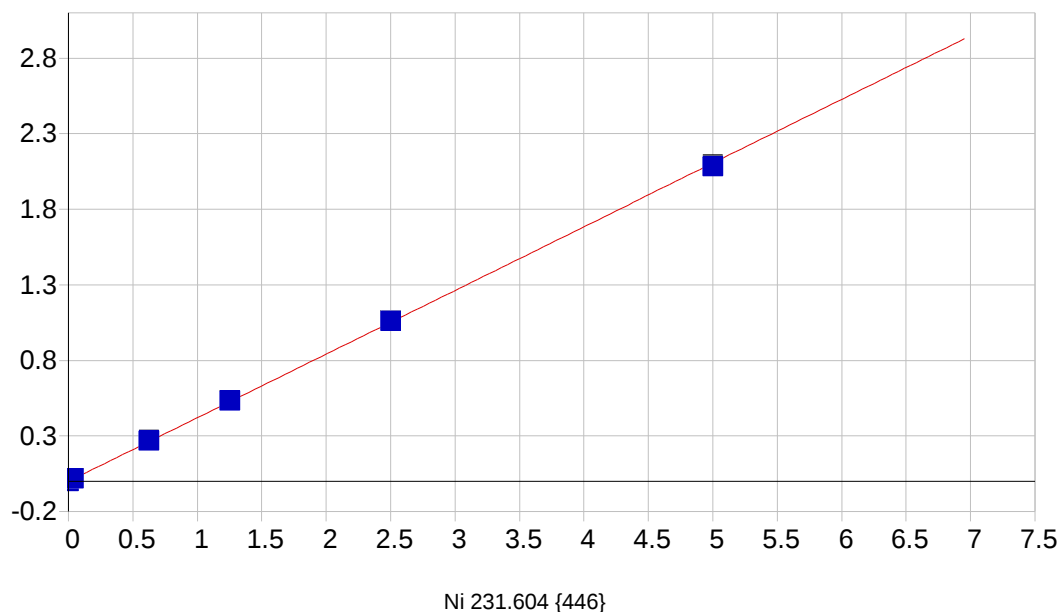
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01668	.002	11.2	.00392	.000	1
S2	3.7500	4.0242	.274	7.31	.95084	.004	1
S3	7.5000	7.7601	.260	3.47	1.8336	.006	1
S4	15.000	15.156	.156	1.04	3.5813	.001	1
S5	30.000	29.308	-.692	-2.31	6.9251	.048	1



Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000141	Re-Slope: 1.000000
A1 (Gain):	0.005176	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999800	Status: OK.
Std Error of Est:	0.000361	
Predicted MDL:	0.056764	
Predicted MQL:	0.189214	

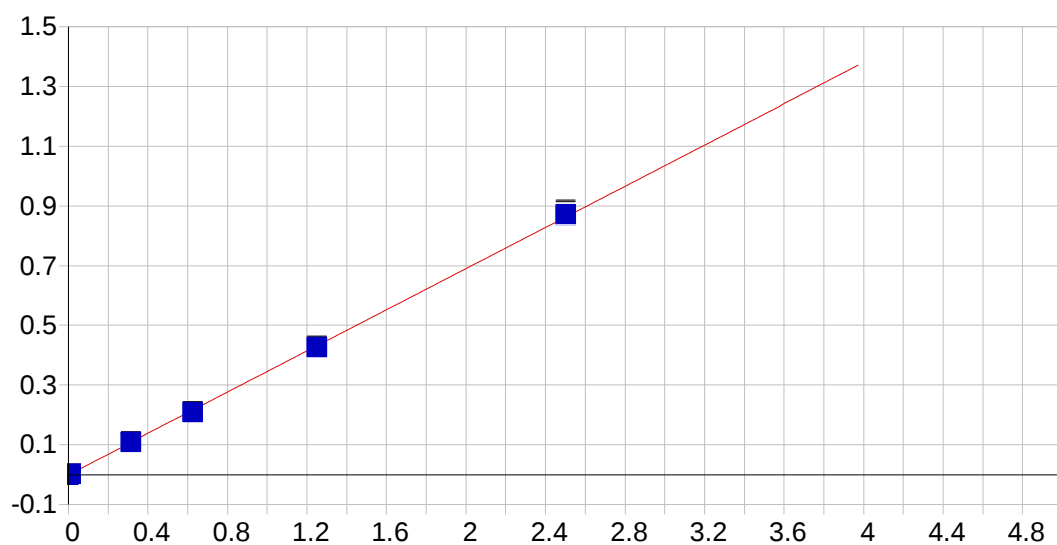
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	-.00014	.000	1
S1	5.0000	4.6787	-.321	-6.43	.02407	.001	1
S2	62.500	61.593	-.907	-1.45	.31865	.005	1
S3	125.00	121.64	-3.36	-2.69	.62944	.009	1
S4	250.00	244.84	-5.16	-2.07	1.2671	.001	1
S5	500.00	492.77	-7.23	-1.45	2.5503	.022	1
S6	800.00	816.98	17.0	2.12	4.2283	.010	1



Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000573	Re-Slope: 1.000000
A1 (Gain):	0.421218	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999926	Status: OK.
Std Error of Est:	0.000122	
Predicted MDL:	0.000472	
Predicted MQL:	0.001575	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.04000	.04064	.001	1.59	.01655	.000	1
S2	.62500	.64227	.017	2.76	.27050	.000	1
S3	1.2500	1.2640	.014	1.12	.53293	.001	1
S4	2.5000	2.5214	.021	.857	1.0637	.000	1
S5	5.0000	4.9467	-.053	-1.07	2.0874	.006	1

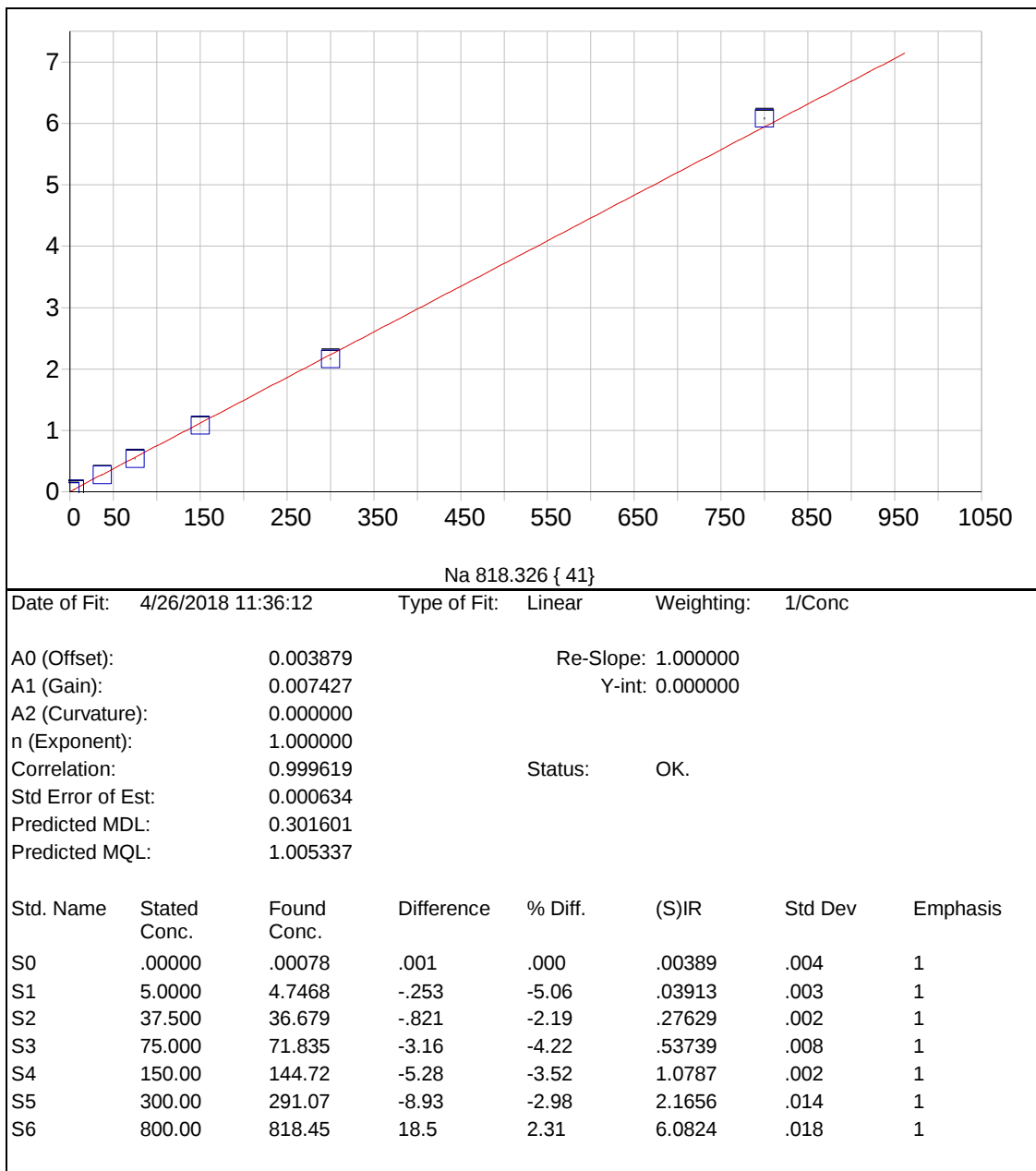


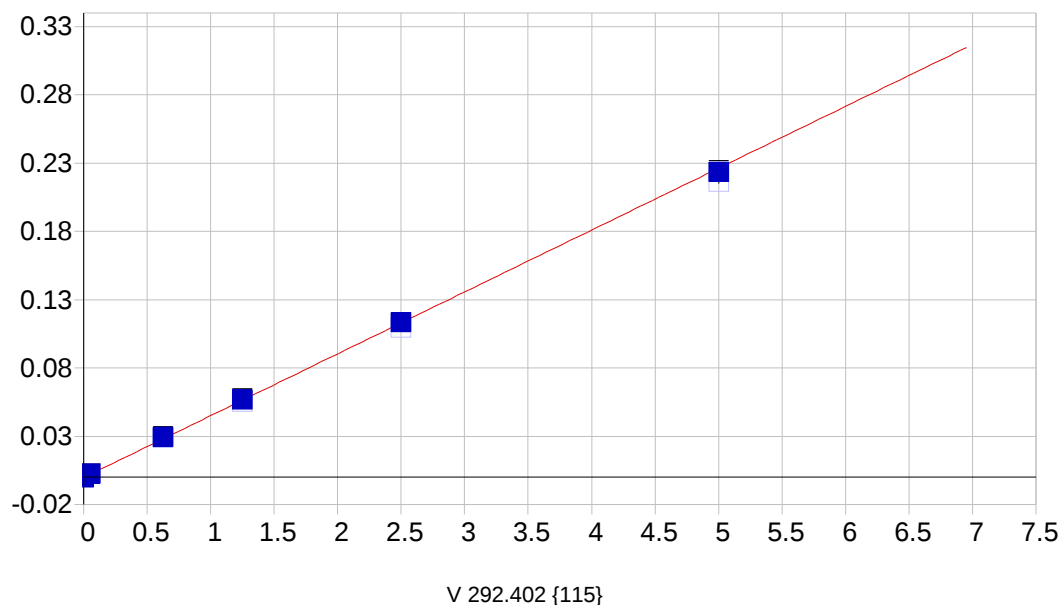
Ag 328.068 {103}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.344999 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.000445
 Predicted MQL: 0.001483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.01010	.000	.964	.00337	.000	1
S2	.31250	.31606	.004	1.14	.10822	.000	1
S3	.62500	.60677	-.018	-2.92	.20778	.002	1
S4	1.2500	1.2389	-.011	-.884	.42440	.003	1
S5	2.5000	2.5256	.026	1.03	.86537	.015	1

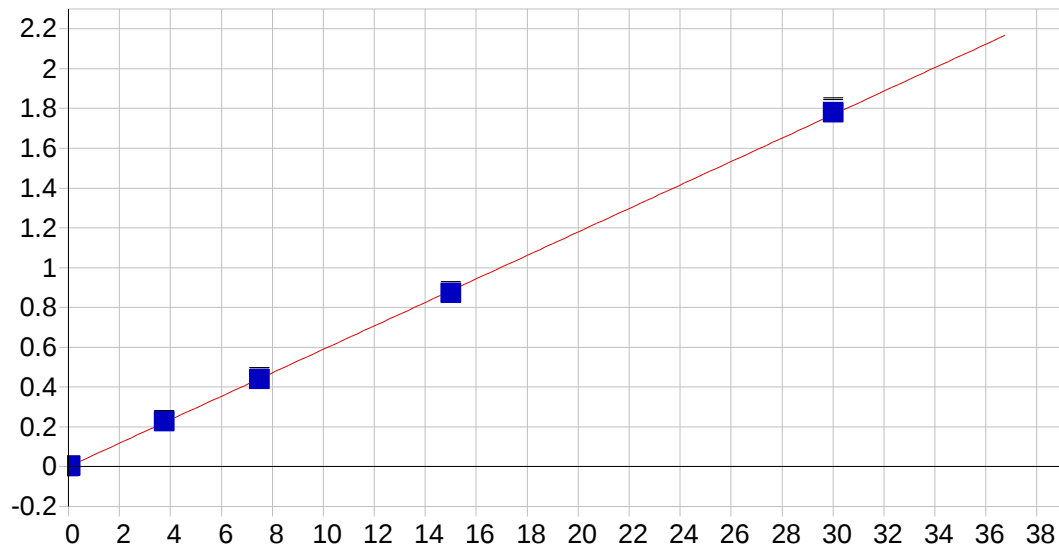




Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000309 Re-Slope: 1.000000
 A1 (Gain): 0.045318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.006949
 Predicted MQL: 0.023164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00031	.000	1
S1	.05000	.05960	.010	19.2	.00239	.000	1
S2	.62500	.65554	.031	4.89	.02847	.001	1
S3	1.2500	1.2629	.013	1.03	.05505	.000	1
S4	2.5000	2.5063	.006	.254	.10954	.000	1
S5	5.0000	4.9403	-.060	-1.19	.21610	.001	1

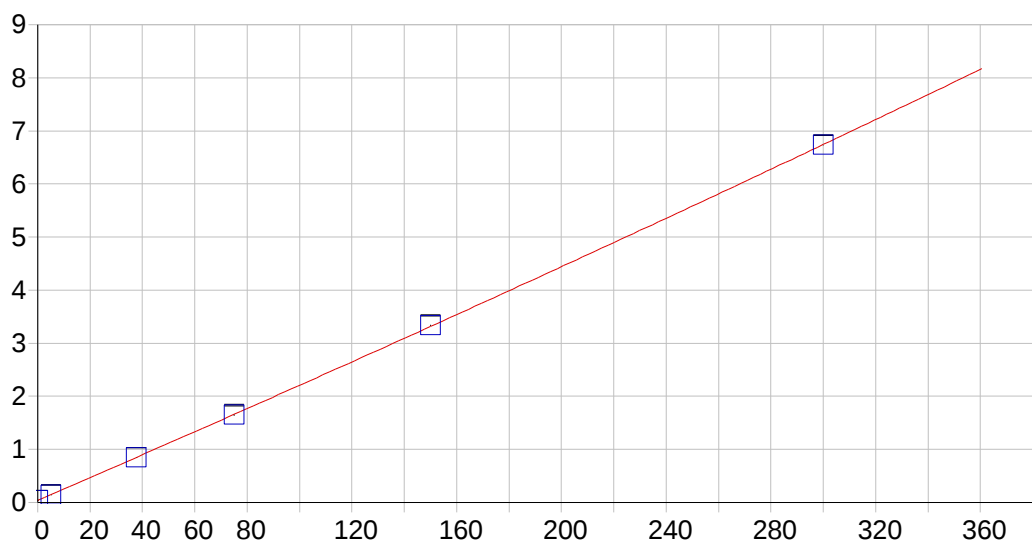


Zn 213.856 {158}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.058970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.010046
 Predicted MQL: 0.033487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.001	1
S1	.06000	.06427	.004	7.11	.00370	.001	1
S2	3.7500	3.8503	.100	2.67	.22799	.004	1
S3	7.5000	7.4389	-.061	-.815	.44065	.008	1
S4	15.000	14.776	-.224	-1.50	.87537	.004	1
S5	30.000	30.181	.181	.603	1.7880	.015	1

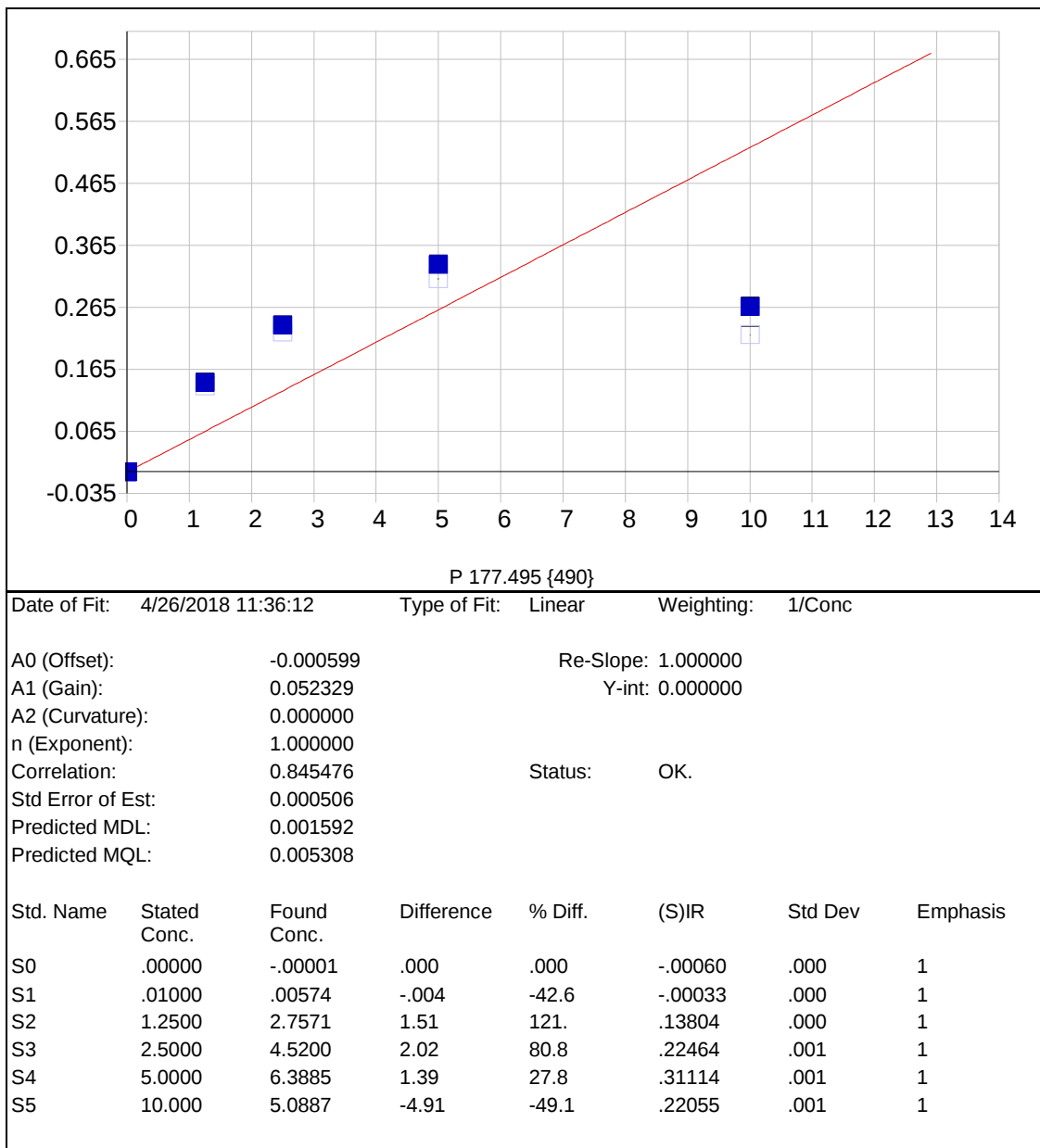


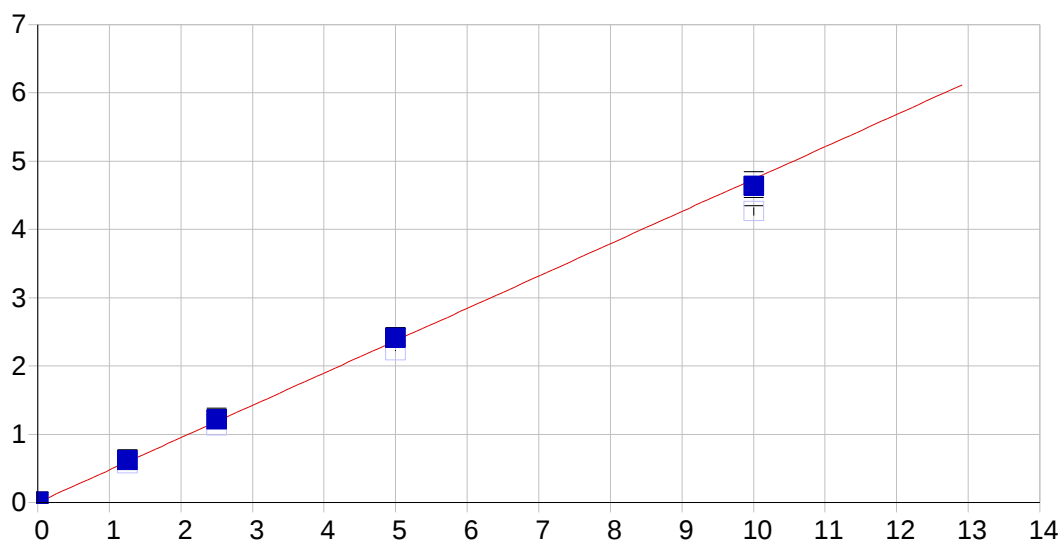
K 769.896 { 44}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.043117 Re-Slope: 1.000000
 A1 (Gain): 0.021292 Y-int: 0.000000
 A2 (Curvature): 0.000003
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: Warning Positive Curvature
 Std Error of Est: 0.000304
 Predicted MDL: 0.081144
 Predicted MQL: 0.270480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.04312	.001	1
S1	5.0000	4.7753	-.225	-4.49	.14487	.000	1
S2	37.500	37.559	.059	.157	.84770	.002	1
S3	75.000	74.556	-.444	-.591	1.6498	.018	1
S4	150.00	150.97	.972	.648	3.3367	.010	1
S5	300.00	299.64	-.364	-.121	6.7344	.006	1



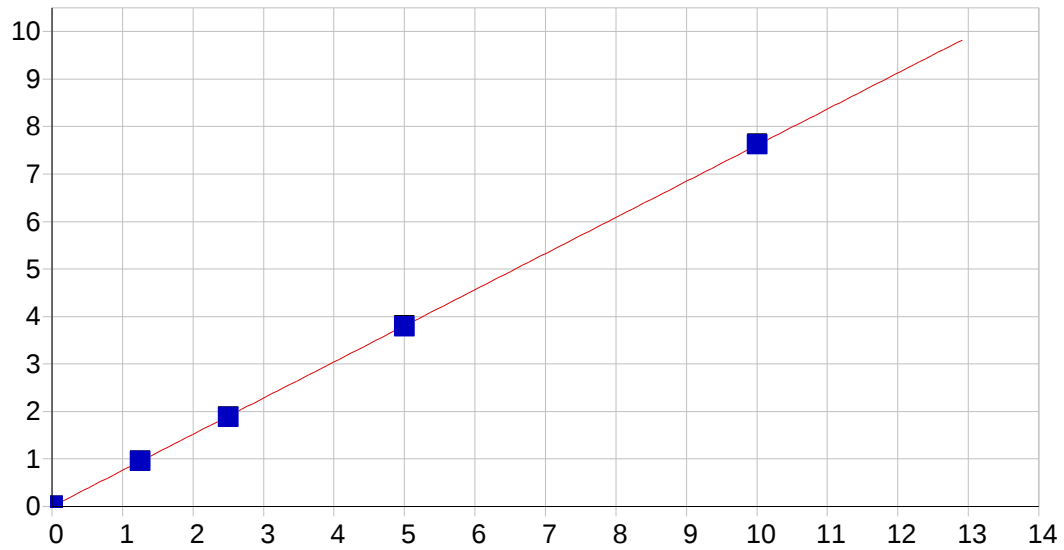


B 249.678 {135}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002170 Re-Slope: 1.000000
 A1 (Gain): 0.473546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999671 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.001149
 Predicted MQL: 0.003829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00217	.000	1
S1	.01000	.00816	-.002	-18.4	.00594	.000	1
S2	1.2500	1.3073	.057	4.58	.57434	.003	1
S3	2.5000	2.5635	.063	2.54	1.1223	.018	1
S4	5.0000	5.0887	.089	1.77	2.2244	.010	1
S5	10.000	9.7925	-.208	-2.08	4.2643	.059	1

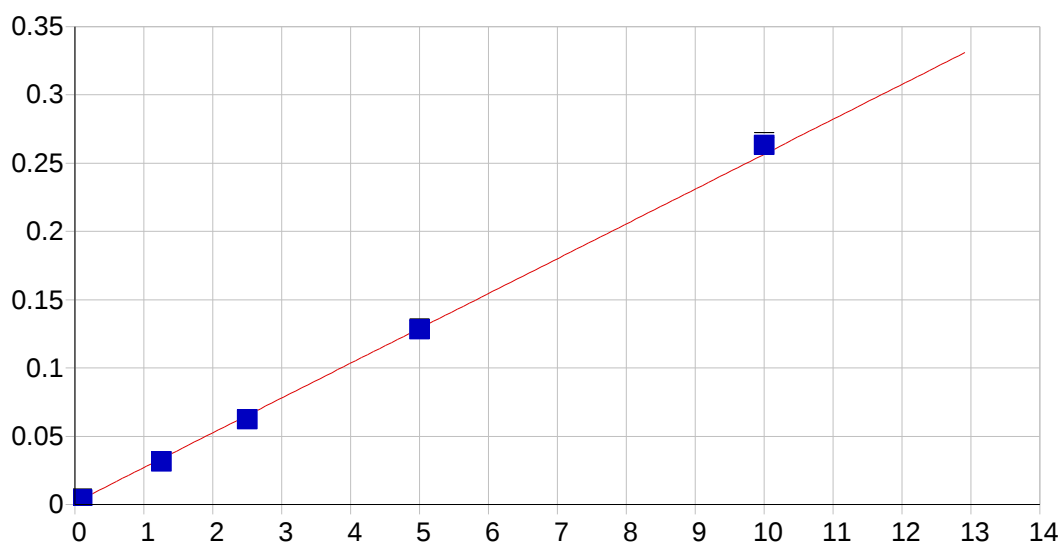


Mo 202.030 {467}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.760725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.000277
 Predicted MQL: 0.000924

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.01000	.01010	.000	.985	.00803	.000	1
S2	1.2500	1.2644	.014	1.15	.96215	.005	1
S3	2.5000	2.4777	-.022	-.892	1.8851	.005	1
S4	5.0000	4.9805	-.020	-.390	3.7890	.025	1
S5	10.000	10.027	.027	.273	7.6281	.003	1



S 182.034 {485}

Date of Fit: 4/26/2018 11:36:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001560

Re-Slope: 1.000000

A1 (Gain): 0.025506

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999422

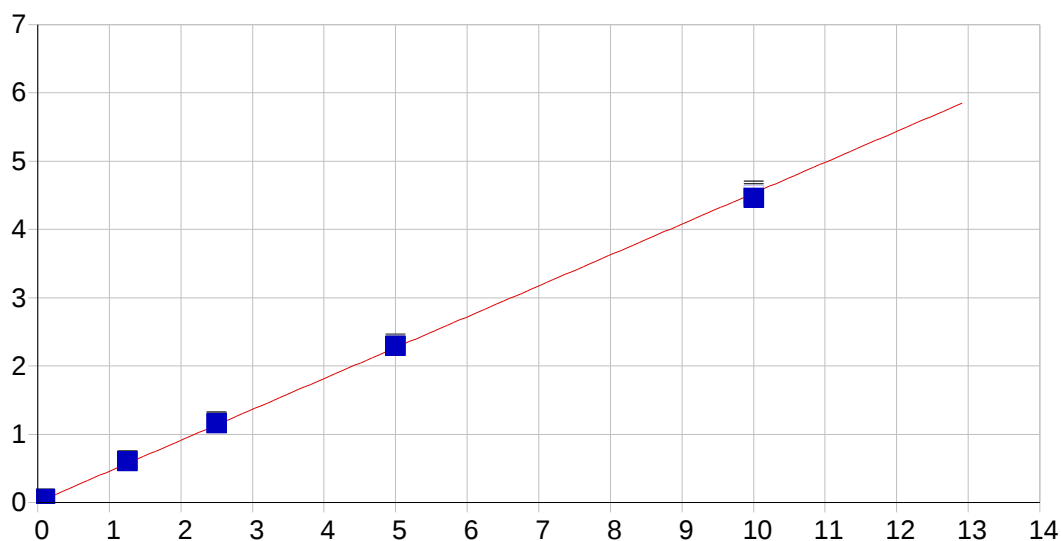
Status: OK.

Std Error of Est: 0.000046

Predicted MDL: 0.004124

Predicted MQL: 0.013748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00156	.000	1
S1	.10000	.08476	-.015	-15.2	.00372	.000	1
S2	1.2500	1.1631	-.087	-6.95	.03124	.000	1
S3	2.5000	2.3755	-.124	-4.98	.06217	.000	1
S4	5.0000	4.9622	-.038	-.757	.12817	.000	1
S5	10.000	10.264	.264	2.64	.26345	.002	1

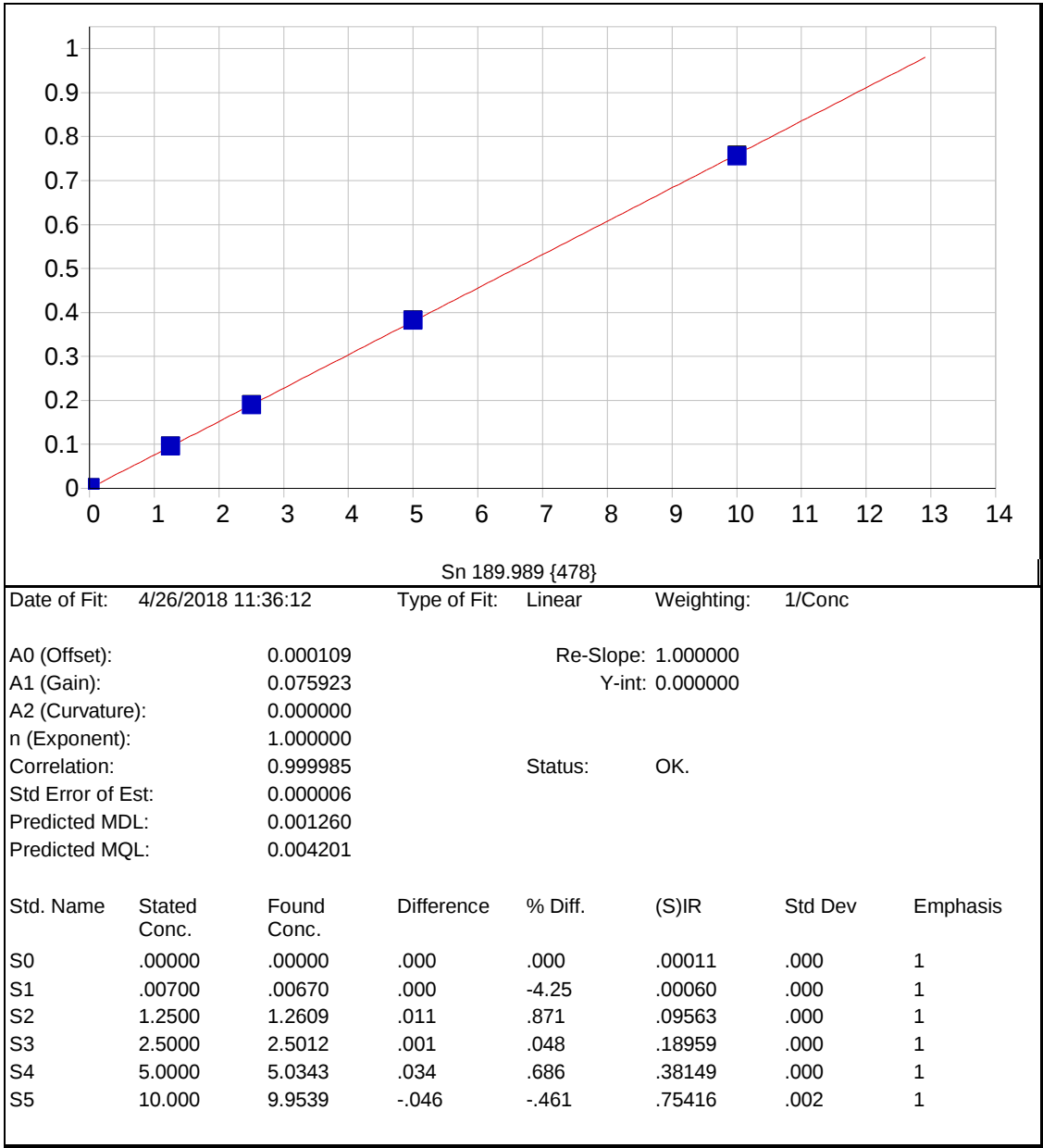


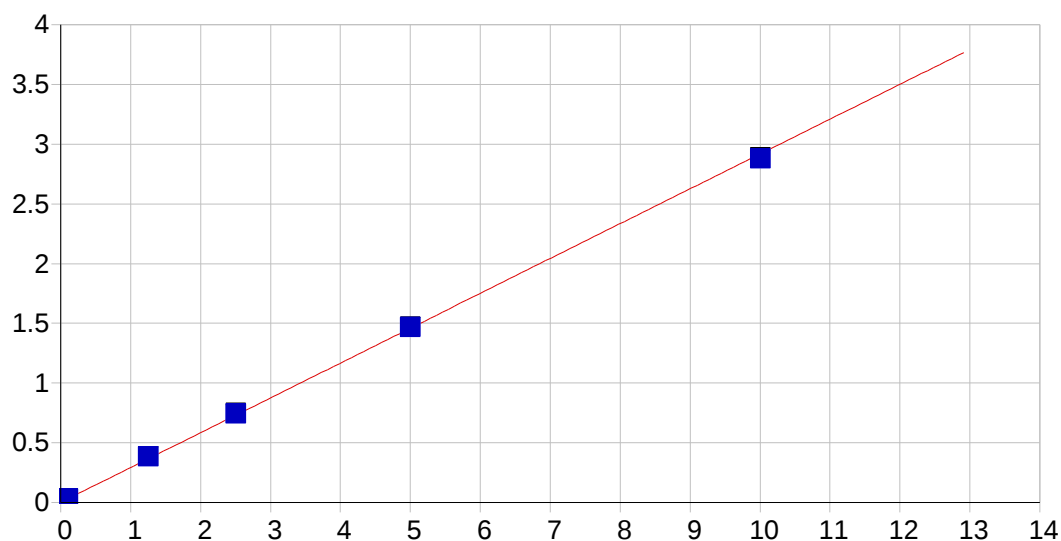
Si 251.611 {134}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005801 Re-Slope: 1.000000
 A1 (Gain): 0.452526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000470
 Predicted MDL: 0.001247
 Predicted MQL: 0.004155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00580	.001	1
S1	.10000	.09833	-.002	-1.67	.05045	.000	1
S2	1.2500	1.3169	.067	5.35	.60635	.001	1
S3	2.5000	2.5443	.044	1.77	1.1665	.018	1
S4	5.0000	5.0452	.045	.904	2.3074	.013	1
S5	10.000	9.8453	-.155	-1.55	4.4981	.064	1



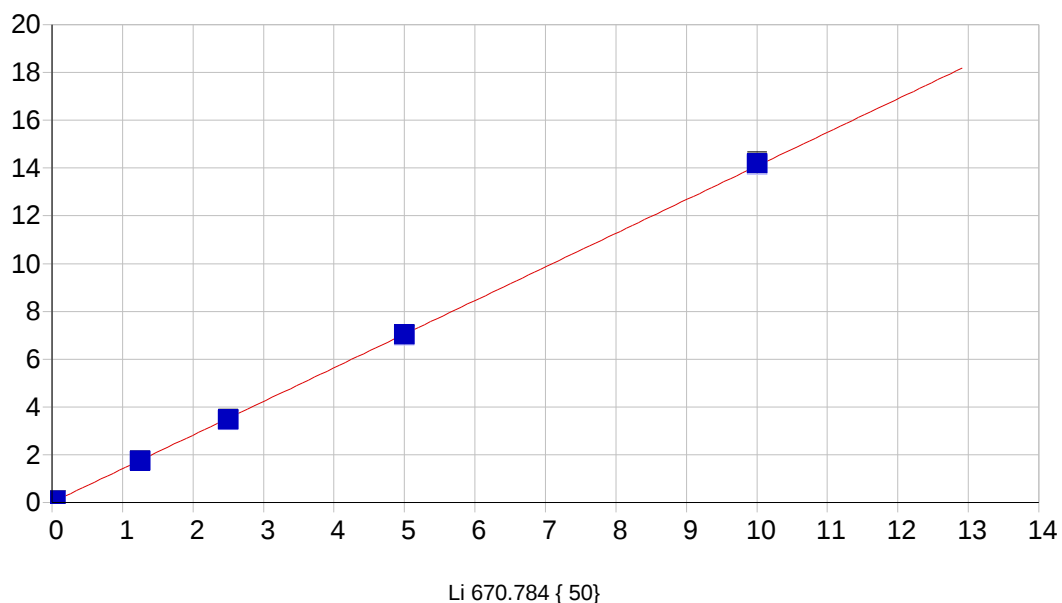


Ti 336.121 {100}

Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001020 Re-Slope: 1.000000
 A1 (Gain): 0.291668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000272
 Predicted MDL: 0.002007
 Predicted MQL: 0.006691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00102	.001	1
S1	.10000	.10335	.003	3.35	.03115	.001	1
S2	1.2500	1.3113	.061	4.90	.38334	.002	1
S3	2.5000	2.5423	.042	1.69	.74225	.007	1
S4	5.0000	5.0279	.028	.558	1.4670	.000	1
S5	10.000	9.8652	-.135	-1.35	2.8773	.012	1



Date of Fit: 4/26/2018 11:36:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006046 Re-Slope: 1.000000
 A1 (Gain): 1.407702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000527
 Predicted MDL: 0.001578
 Predicted MQL: 0.005261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00605	.001	1
S5	10.000	10.078	.078	.778	14.113	.063	1
S4	5.0000	4.9792	-.021	-.415	6.9757	.017	1
S3	2.5000	2.4593	-.041	-1.63	3.4482	.030	1
S2	1.2500	1.2382	-.012	-.946	1.7391	.005	1
S1	.05000	.04552	-.004	-8.96	.06998	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Status: Warning Zero Gain

[illegible]

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

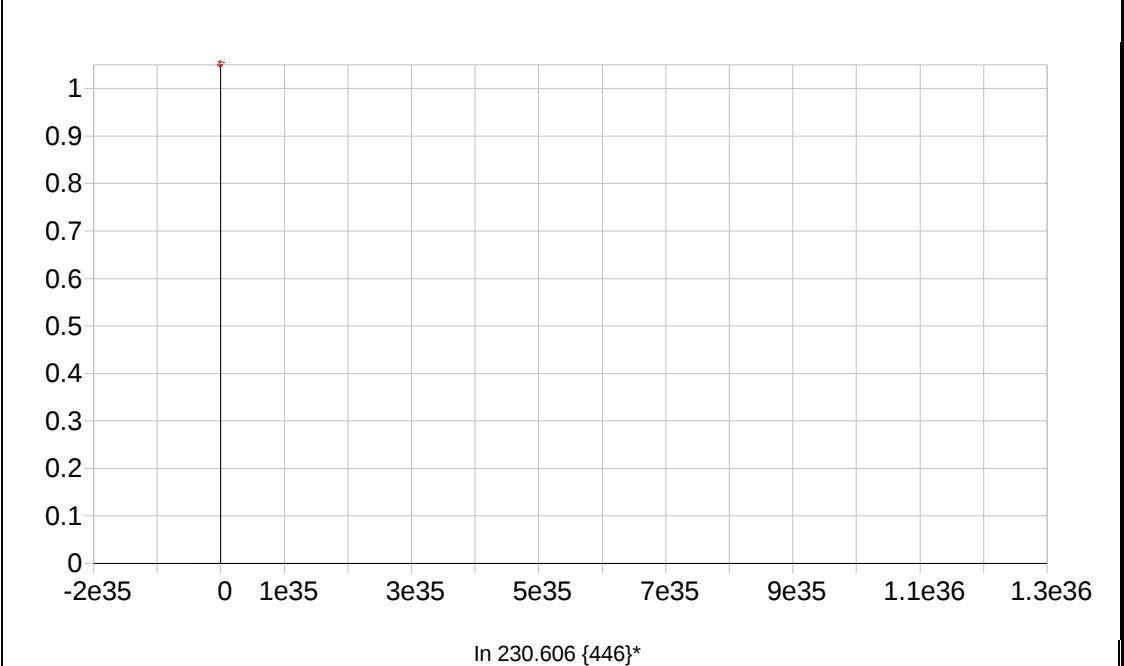
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

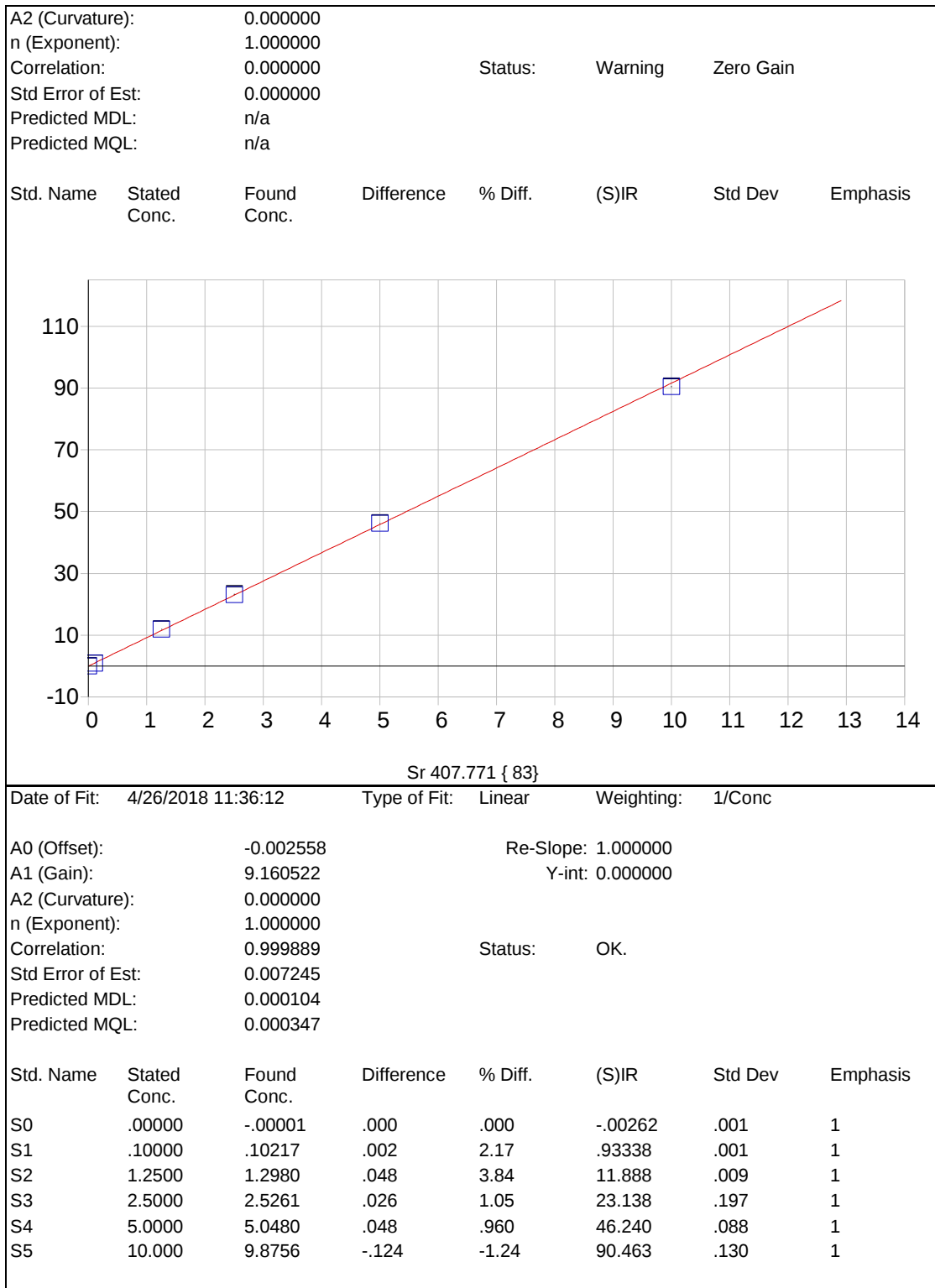
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 4/26/2018 10:54:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.00009	-.00009	-.00056	.00005	-.00005	.00128	-.00802	-.00109
Stddev	.00004	.00004	.00018	.00009	.00011	.00083	.00318	.00027
%RSD	45.788	50.344	31.494	168.78	239.10	64.376	39.675	24.932

#1	-.00008	-.00010	-.00074	-.00001	-.00017	.00075	-.01132	-.00103
#2	-.00005	-.00004	-.00055	.00001	.00005	.00224	-.00776	-.00140
#3	-.00013	-.00012	-.00038	.00016	-.00003	.00087	-.00497	-.00086

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	.00006	.00201	-.00006	.00017	.00034	-.00008	-.00002	-.00014
Stddev	.00016	.00111	.00005	.00012	.00031	.00012	.00007	.00023
%RSD	253.59	55.240	81.532	73.195	92.211	152.77	352.76	166.96

#1	.00022	.00180	-.00004	.00003	.00038	.00006	-.00008	-.00028
#2	-.00011	.00102	-.00011	.00024	.00063	-.00012	-.00004	-.00026
#3	.00009	.00321	-.00002	.00024	.00001	-.00016	.00006	.00013

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00057	-.00009	.00389	-.00031	-.00010	.04312	-.00060	.00217
Stddev	.00011	.00009	.00374	.00013	.00064	.00077	.00003	.00026
%RSD	19.629	98.708	96.158	42.699	636.23	1.7790	4.8962	12.158

#1	-.00051	.00000	.00613	-.00035	-.00029	.04378	-.00057	.00193
#2	-.00070	-.00008	-.00043	-.00042	-.00063	.04228	-.00062	.00245
#3	-.00051	-.00017	.00595	-.00016	.00061	.04330	-.00061	.00213

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	.00035	.00156	.00580	.00011	.00102	.00605	-.00262	
Stddev	.00023	.00006	.00062	.00004	.00056	.00147	.00093	
%RSD	64.211	4.1536	10.642	32.044	55.252	24.305	35.557	

#1	.00047	.00149	.00610	.00012	.00145	.00436	-.00248	
#2	.00049	.00162	.00620	.00007	.00038	.00694	-.00361	
#3	.00009	.00156	.00509	.00014	.00122	.00686	-.00176	

Sample Name: S0 Acquired: 4/26/2018 10:54:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1482.6	2803.2	36820.	4889.2	3889.8
Stddev	8.0	6.7	16.	24.2	8.3
%RSD	.54058	.23986	.04388	.49542	.21284
#1	1491.6	2796.0	36834.	4913.8	3881.4
#2	1476.3	2804.4	36802.	4865.4	3898.0
#3	1479.8	2809.3	36824.	4888.4	3889.9

Sample Name: S1 Acquired: 4/26/2018 10:58:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.00030	.00105	.00126	.00210	.00676	.01291	.50555	.02359
Stddev	.00005	.00009	.00021	.00005	.00012	.00035	.00177	.00061
%RSD	15.539	8.3659	16.330	2.3151	1.8297	2.7000	.34981	2.6062

#1	.00025	.00115	.00105	.00216	.00689	.01271	.50713	.02315
#2	.00034	.00103	.00127	.00206	.00665	.01271	.50590	.02332
#3	.00029	.00098	.00146	.00209	.00673	.01331	.50364	.02429

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	.01167	.22826	.00154	.03746	.00333	.00138	.00392	.02407
Stddev	.00033	.00121	.00003	.00050	.00059	.00027	.00025	.00081
%RSD	2.8111	.53021	2.0900	1.3442	17.834	19.601	6.2987	3.3566

#1	.01131	.22871	.00158	.03750	.00278	.00133	.00418	.02455
#2	.01177	.22917	.00151	.03693	.00396	.00115	.00390	.02314
#3	.01195	.22688	.00154	.03794	.00326	.00168	.00369	.02453

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	.01655	.00337	.03913	.00239	.00370	.14487	-.00033	.00594
Stddev	.00029	.00014	.00260	.00013	.00071	.00025	.00006	.00035
%RSD	1.7481	4.2438	6.6377	5.6037	19.117	.17111	17.185	5.8562

#1	.01643	.00333	.03837	.00239	.00368	.14459	-.00039	.00560
#2	.01635	.00326	.04203	.00252	.00442	.14507	-.00028	.00629
#3	.01688	.00353	.03700	.00226	.00300	.14495	-.00033	.00592

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	.00803	.00372	.05045	.00060	.03115	.06998	.93338	
Stddev	.00017	.00010	.00038	.00002	.00058	.00182	.00128	
%RSD	2.1339	2.6259	.74566	3.5262	1.8665	2.6056	.13710	

#1	.00805	.00381	.05002	.00062	.03061	.06833	.93385	
#2	.00819	.00362	.05071	.00058	.03177	.06968	.93436	
#3	.00785	.00373	.05063	.00059	.03109	.07194	.93193	

Sample Name: S1 Acquired: 4/26/2018 10:58:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1497.4	2761.8	37042.	5009.2	3833.5
Stddev	6.9	18.6	64.	32.0	25.6
%RSD	.45755	.67172	.17229	.63916	.66832
#1	1496.6	2768.3	37029.	5035.9	3839.5
#2	1504.6	2776.2	37111.	5018.0	3855.6
#3	1490.9	2740.9	36986.	4973.7	3805.4

Sample Name: S2 Acquired: 4/26/2018 11:03:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.04860	.05415	1.1436	.07245	.14714	2.2341	6.4529	.63428
Stddev	.00038	.00054	.0005	.00059	.00080	.0093	.0083	.00159
%RSD	.78815	.99318	.04751	.81777	.54329	.41512	.12784	.25035

#1	.04901	.05464	1.1440	.07314	.14783	2.2237	6.4602	.63245
#2	.04852	.05423	1.1438	.07208	.14626	2.2372	6.4545	.63516
#3	.04826	.05358	1.1430	.07215	.14733	2.2414	6.4439	.63524

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4890	2.7621	.55735	.48277	.40757	.47739	.95084	.31865
Stddev	.0011	.0067	.00289	.00017	.00206	.00512	.00392	.00469
%RSD	.07085	.24233	.51821	.03433	.50524	1.0733	.41221	1.4705

#1	1.4900	2.7655	.55406	.48293	.40613	.47151	.94793	.31331
#2	1.4891	2.7664	.55949	.48277	.40993	.47972	.94930	.32058
#3	1.4879	2.7544	.55850	.48260	.40665	.48092	.95530	.32206

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	.27050	.10822	.27629	.02847	.22799	.84770	.13804	.57434
Stddev	.00045	.00031	.00198	.00058	.00421	.00165	.00023	.00322
%RSD	.16523	.28707	.71836	2.0392	1.8483	.19433	.16746	.56060

#1	.27005	.10842	.27426	.02780	.22369	.84625	.13829	.57635
#2	.27094	.10786	.27638	.02882	.22816	.84736	.13800	.57062
#3	.27053	.10838	.27822	.02878	.23211	.84949	.13783	.57604

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	.96215	.03124	.60635	.09563	.38334	1.7391	11.888	
Stddev	.00489	.00029	.00110	.00021	.00185	.0051	.009	
%RSD	.50779	.91420	.18066	.22264	.48133	.29284	.07491	

#1	.96722	.03150	.60530	.09588	.38149	1.7387	11.891	
#2	.95748	.03094	.60627	.09552	.38334	1.7343	11.895	
#3	.96175	.03127	.60749	.09550	.38518	1.7444	11.878	

Sample Name: S2 Acquired: 4/26/2018 11:03:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1420.4	2622.1	35731.	4984.0	3459.8
Stddev	7.4	8.5	154.	12.7	2.6
%RSD	.52407	.32497	.43168	.25509	.07642
#1	1427.7	2613.3	35895.	4972.2	3457.3
#2	1420.7	2630.3	35589.	4982.3	3459.5
#3	1412.8	2622.6	35708.	4997.5	3462.6

Sample Name: S3 Acquired: 4/26/2018 11:06:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.09680	.10642	2.2566	.14281	.29161	4.3747	12.639	1.2275
Stddev	.00012	.00013	.0024	.00043	.00089	.0408	.067	.0200
%RSD	.12897	.11957	.10396	.29801	.30689	.93389	.53286	1.6291

#1	.09665	.10639	2.2589	.14275	.29264	4.4186	12.715	1.2505
#2	.09686	.10656	2.2542	.14241	.29102	4.3676	12.589	1.2178
#3	.09688	.10631	2.2568	.14326	.29117	4.3379	12.612	1.2141

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	2.9368	5.3290	1.0581	.95570	.79473	.92345	1.8336	.62944
Stddev	.0014	.0306	.0109	.00061	.00549	.01370	.0061	.00920
%RSD	.04832	.57396	1.0289	.06382	.69115	1.4831	.33318	1.4622

#1	2.9374	5.3521	1.0616	.95588	.80102	.93629	1.8404	.63896
#2	2.9352	5.2943	1.0669	.95502	.79093	.92504	1.8287	.62876
#3	2.9378	5.3406	1.0459	.95620	.79222	.90904	1.8317	.62059

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	.53293	.20778	.53739	.05505	.44065	1.6498	.22464	1.1223
Stddev	.00124	.00204	.00800	.00046	.00835	.0178	.00056	.0178
%RSD	.23217	.98173	1.4881	.83462	1.8948	1.0804	.24992	1.5891

#1	.53400	.20882	.54588	.05558	.43735	1.6698	.22404	1.1422
#2	.53158	.20908	.53630	.05486	.45014	1.6442	.22473	1.1169
#3	.53321	.20542	.53000	.05472	.43445	1.6355	.22515	1.1078

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	1.8851	.06217	1.1665	.18959	.74225	3.4482	23.138	
Stddev	.0049	.00020	.0179	.00039	.00672	.0298	.197	
%RSD	.26171	.31597	1.5367	.20607	.90590	.86438	.85091	

#1	1.8907	.06237	1.1870	.19004	.74947	3.4808	23.340	
#2	1.8814	.06217	1.1581	.18937	.74109	3.4415	23.127	
#3	1.8832	.06198	1.1542	.18935	.73618	3.4223	22.947	

Sample Name: S3 Acquired: 4/26/2018 11:06:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1392.3	2534.7	35339.	4964.7	3275.9
Stddev	16.1	10.7	331.	50.9	5.5
%RSD	1.1570	.42175	.93769	1.0245	.16900
#1	1401.3	2522.6	35328.	4906.0	3270.3
#2	1373.7	2538.5	35014.	4991.8	3276.0
#3	1401.8	2542.9	35676.	4996.2	3281.4

Sample Name: S4 Acquired: 4/26/2018 11:10:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.19831	.20791	4.5249	.29009	.59687	8.8193	25.334	2.4371
Stddev	.00099	.00103	.0015	.00208	.00358	.0072	.079	.0047
%RSD	.50071	.49766	.03435	.71584	.59900	.08172	.31017	.19255

#1	.19787	.20758	4.5267	.29011	.59575	8.8176	25.332	2.4369
#2	.19761	.20906	4.5239	.28800	.59399	8.8272	25.256	2.4325
#3	.19944	.20708	4.5240	.29216	.60087	8.8130	25.413	2.4419

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8505	10.470	2.0942	1.9122	1.5843	1.8118	3.5813	1.2671
Stddev	.0078	.032	.0126	.0010	.0008	.0036	.0013	.0014
%RSD	.13256	.30942	.60312	.05405	.04862	.20110	.03595	.11340

#1	5.8420	10.458	2.0822	1.9110	1.5838	1.8143	3.5798	1.2658
#2	5.8522	10.445	2.0930	1.9127	1.5839	1.8135	3.5816	1.2686
#3	5.8572	10.507	2.1074	1.9128	1.5852	1.8076	3.5823	1.2667

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	1.0637	.42440	1.0787	.10954	.87537	3.3367	.31114	2.2244
Stddev	.0005	.00323	.0018	.00015	.00438	.0097	.00080	.0100
%RSD	.04656	.76133	.17008	.14117	.49979	.28938	.25569	.44999

#1	1.0633	.42088	1.0805	.10964	.87275	3.3453	.31062	2.2204
#2	1.0635	.42511	1.0768	.10961	.88042	3.3263	.31073	2.2170
#3	1.0642	.42722	1.0788	.10936	.87294	3.3384	.31205	2.2358

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	3.7890	.12817	2.3074	.38149	1.4670	6.9757	46.240	
Stddev	.0247	.00029	.0128	.00036	.0001	.0172	.088	
%RSD	.65239	.22316	.55581	.09319	.00614	.24671	.19031	

#1	3.7769	.12801	2.2974	.38164	1.4669	6.9815	46.327	
#2	3.7726	.12800	2.3030	.38108	1.4671	6.9564	46.151	
#3	3.8174	.12850	2.3219	.38175	1.4669	6.9894	46.242	

Sample Name: S4 Acquired: 4/26/2018 11:10:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1299.9	2383.5	33694.	4858.7	3047.3
Stddev	6.6	10.6	151.	12.0	2.5
%RSD	.50625	.44586	.44896	.24728	.08065
#1	1300.2	2388.3	33788.	4870.3	3049.3
#2	1306.3	2390.9	33773.	4859.5	3048.1
#3	1293.2	2371.3	33519.	4846.3	3044.6

Sample Name: S5 Acquired: 4/26/2018 11:14:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.40979	.39635	9.0048	.59470	1.2411	17.662	50.125	4.7633
Stddev	.00014	.00500	.0213	.00052	.0014	.063	.665	.0557
%RSD	.03398	1.2610	.23684	.08748	.10965	.35641	1.3266	1.1686

#1	.40967	.39684	8.9811	.59423	1.2426	17.660	49.583	4.7166
#2	.40974	.40109	9.0109	.59526	1.2399	17.600	49.926	4.7483
#3	.40994	.39113	9.0224	.59460	1.2408	17.725	50.867	4.8249

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.453	20.535	4.0473	3.7749	3.1446	3.5140	6.9251	2.5503
Stddev	.030	.097	.0653	.0122	.0068	.0272	.0485	.0220
%RSD	.25980	.47116	1.6140	.32281	.21664	.77400	.69963	.86346

#1	11.426	20.424	4.0072	3.7609	3.1413	3.5330	6.8763	2.5671
#2	11.485	20.601	4.0121	3.7816	3.1402	3.4828	6.9732	2.5254
#3	11.447	20.580	4.1227	3.7823	3.1525	3.5262	6.9259	2.5585

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	2.0874	.86537	2.1656	.21610	1.7880	6.7344	.22055	4.2643
Stddev	.0059	.01471	.0138	.00120	.0154	.0061	.00053	.0587
%RSD	.28439	1.6993	.63489	.55307	.85873	.09103	.24126	1.3774

#1	2.0808	.85636	2.1735	.21675	1.8029	6.7274	.22057	4.2173
#2	2.0891	.85741	2.1497	.21472	1.7723	6.7379	.22108	4.2453
#3	2.0922	.88233	2.1735	.21683	1.7888	6.7380	.22002	4.3301

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	7.6281	.26345	4.4981	.75416	2.8773	14.113	90.463	
Stddev	.0032	.00191	.0637	.00210	.0116	.063	.130	
%RSD	.04138	.72343	1.4171	.27846	.40137	.44558	.14399	

#1	7.6305	.26285	4.4524	.75276	2.8844	14.141	90.609	
#2	7.6245	.26559	4.4710	.75657	2.8640	14.041	90.358	
#3	7.6293	.26192	4.5709	.75315	2.8836	14.158	90.423	

Sample Name: S5 Acquired: 4/26/2018 11:14:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	1167.9	2182.5	32134.	4768.0	2801.5
Stddev	7.2	3.9	260.	24.2	5.3
%RSD	.61875	.17697	.81000	.50658	.18796
#1	1169.7	2181.8	32268.	4789.5	2807.1
#2	1174.1	2186.7	32299.	4772.6	2800.7
#3	1160.0	2179.1	31834.	4741.9	2796.6

Sample Name: S6 Acquired: 4/26/2018 11:18:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	48.669	33.766	9.7289	4.2283	6.0824
Stddev	.108	.051	.0228	.0100	.0185
%RSD	.22252	.15024	.23397	.23669	.30402

#1	48.654	33.787	9.7340	4.2234	6.0704
#2	48.784	33.804	9.7486	4.2398	6.1037
#3	48.569	33.709	9.7040	4.2217	6.0732

Int. Std.	Y_3710
Units	Cts/S
Avg	4703.3
Stddev	34.6
%RSD	.73523

#1	4722.1
#2	4663.4
#3	4724.4

Sample Name: ICV Acquired: 4/26/2018 11:22:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.9688114	1.099613	.9658463	.9937521	.9467453	2.393635
Stddev	.0092014	.013009	.0056991	.0011541	.0041779	.014200
%RSD	.9497601	1.183050	.5900610	.1161339	.4412897	.5932262

#1	.9792745	1.110831	.9722890	.9926306	.9510260	2.399481
#2	.9619806	1.085352	.9614638	.9936893	.9465315	2.377446
#3	.9651790	1.102656	.9637860	.9949363	.9426785	2.403979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109591	.5100054	.4987212	10.57629	.5150200	.4994160
Stddev	.0012412	.0026824	.0023473	.04456	.0040147	.0031455
%RSD	.2429129	.5259493	.4706634	.4213551	.7795226	.6298384

#1	.5095627	.5088220	.5014314	10.53327	.5146672	.5029131
#2	.5113778	.5130759	.4973956	10.62225	.5111934	.4985174
#3	.5119367	.5081181	.4973365	10.57335	.5191995	.4968176

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244892	5.406530	.5330420	5.898349	.5129182	.4869152
Stddev	.0022021	.030985	.0044336	.060981	.0012208	.0037269
%RSD	.4198632	.5731085	.8317463	1.033860	.2380092	.7654024

#1	.5224818	5.442198	.5293271	5.858064	.5142633	.4865338
#2	.5241411	5.391139	.5379500	5.968506	.5126109	.4833937
#3	.5268446	5.386255	.5318489	5.868476	.5118805	.4908181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.689535	.5359648	1.098153	9.043732	F .0153762	F 2.430479
Stddev	.321994	.0047375	.014215	.053166	.0022803	.016554
%RSD	3.323111	.8839184	1.294482	.5878789	14.82981	.6811096

#1	9.952186	.5305657	1.114323	8.994666	.0175525	2.420641
#2	9.786115	.5394264	1.087622	9.100219	.0130045	2.449591
#3	9.330304	.5379024	1.092515	9.036312	.0155715	2.421204

Sample Name: ICV Acquired: 4/26/2018 11:22:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	F 2.376652	.0020064	2.222536	F 2.246676	2.422932	.0031280
Stddev	.015533	.0013086	.008045	.006526	.015678	.0012750
%RSD	.6535744	65.22241	.3619528	.2904944	.6470492	40.75968

#1	2.394399	.0013356	2.226110	2.253998	2.410631	.0045962
#2	2.365527	.0035143	2.228174	2.241470	2.440585	.0024885
#3	2.370030	.0011692	2.213324	2.244560	2.417580	.0022994

Elem	Sr4077
Units	ppm
Avg	.0123225
Stddev	.0000962
%RSD	.7803144

#1	.0123815
#2	.0123745
#3	.0122115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.805	2703.422	37053.85	5105.089	3787.284
Stddev	16.659	14.055	258.57	11.342	14.123
%RSD	1.124226	.5199105	.6978345	.2221749	.3729183

#1	1475.946	2687.197	37139.06	5115.612	3771.863
#2	1500.602	2711.204	37259.07	5106.580	3790.400
#3	1468.867	2711.865	36763.43	5093.076	3799.590

Sample Name: ICB Acquired: 4/26/2018 11:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0000362	.0018171	.0013103	.0006265	.0010392	.0028089	-.001366
Stddev	.0031285	.0009623	.0009207	.0012798	.0014606	.0100618	.000855
%RSD	8643.784	52.95910	70.26604	204.2716	140.5483	358.2109	62.62955

#1	-.002132	.0007563	.0004170	-.000851	-.000135	.0130921	-.000979
#2	-.001382	.0020610	.0022561	.001359	.000577	-.007016	-.000773
#3	.003623	.0026341	.0012578	.001372	.002675	.002350	-.002346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000137	-.000085	.0084718	.0000583	-.000115	-.001084	.0224957
Stddev	.0000406	.000104	.0140165	.0004985	.000231	.003064	.0061592
%RSD	297.1205	121.8560	165.4494	855.5062	201.0795	282.5310	27.37971

#1	.0000397	.000004	.0012636	.0004363	-.000129	.002023	.0252979
#2	.0000344	-.000060	.0246255	-.000507	.000123	-.001174	.0154336
#3	-.000033	-.000199	-.000474	.000245	-.000339	-.004102	.0267556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	-.059276	.0001853	-.000172	.0824179	.0082458	-.012316
Stddev	.001105	.020567	.0002984	.000249	.2788704	.0025473	.008018
%RSD	1796.420	34.69790	161.0861	144.5059	338.3613	30.89194	65.10734

#1	-.000701	-.064405	.0004719	-.000450	-.196318	.0093248	-.003090
#2	.001214	-.036629	-.000124	.000032	.082149	.0053366	-.017604
#3	-.000698	-.076793	.000207	-.000100	.361423	.0100760	-.016254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.114528	-.002478	.0057795	.0000834	-.006825	-.001188	.0009375
Stddev	.041243	.000903	.0006250	.0001944	.004081	.000284	.0006147
%RSD	36.01156	36.43329	10.81472	233.2016	59.79226	23.91303	65.57084

#1	-.067921	-.002344	.0064412	.0002802	-.003672	-.001516	.0003102
#2	-.146310	-.003440	.0051991	-.000109	-.005370	-.001032	.0009634
#3	-.129352	-.001649	.0056982	.000079	-.011434	-.001016	.0015389

Sample Name: ICB Acquired: 4/26/2018 11:26:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000294	.0019038	.0000031
Stddev	.001257	.0006801	.0000607
%RSD	427.2785	35.72221	1966.937

#1	-.000052	.0026364	.0000573
#2	.000824	.0012927	.0000145
#3	-.001655	.0017823	-.000063

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.781	2729.756	37137.17	4987.450	3875.039
Stddev	2.790	6.568	85.54	19.553	9.687
%RSD	.1871363	.2406258	.2303433	.3920528	.2499720

#1	1487.611	2732.122	37080.35	5005.825	3885.728
#2	1492.859	2734.813	37095.61	4989.625	3872.546
#3	1491.874	2722.332	37235.55	4966.900	3866.842

Sample Name: ICSA Acquired: 4/26/2018 11:30:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0023714	-.002527	-.002261	.0041884	.0052138	239.9461
Stddev	.0027137	.007083	.003271	.0080305	.0005227	6.2742
%RSD	114.4358	280.2586	144.7004	191.7312	10.02529	2.614848

#1	.0024792	-.005475	.000627	.0133768	.0051783	243.1557
#2	.0050297	.005554	-.001595	.0006749	.0057534	243.9662
#3	-.000395	-.007661	-.005813	-.001487	.0047098	232.7164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043866	.0011355	-.000574	254.6150	.0593364	-.000487
Stddev	.0006520	.0000843	.000069	7.2257	.0011818	.000192
%RSD	14.86358	7.423800	12.04676	2.837911	1.991688	39.44556

#1	.0041432	.0011521	-.000612	258.5723	.0603421	-.000707
#2	.0038913	.0010441	-.000494	258.9978	.0596325	-.000354
#3	.0051252	.0012102	-.000615	246.2751	.0580348	-.000400

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001432	98.79059	.0131742	246.3164	.0088120	.0008021
Stddev	.005510	2.16329	.0003206	6.0028	.0004450	.0005610
%RSD	384.6590	2.189776	2.433586	2.437018	5.049742	69.94705

#1	-.007340	99.78144	.0131351	249.1214	.0092824	.0006748
#2	-.000524	100.2810	.0128750	250.4031	.0083978	.0014158
#3	.003567	96.3093	.0135126	239.4246	.0087558	.0003156

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4857832	.0070976	-.007897	-.285795	-.003998	F -.018882
Stddev	.2213961	.0103832	.005919	.061306	.002305	.004533
%RSD	45.57509	146.2925	74.95426	21.45116	57.66638	24.00801

#1	.6231081	.0069287	-.007938	-.222516	-.001789	-.021079
#2	.6038630	.0175642	-.013796	-.289952	-.003815	-.021898
#3	.2303786	-.003200	-.001957	-.344917	-.006389	-.013669

Sample Name: ICSA Acquired: 4/26/2018 11:30:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0022078	.0149477	-.003999	-.003925	-.001298	.0046368
Stddev	.0000880	.0067060	.000331	.003687	.001163	.0002091
%RSD	3.984808	44.86333	8.273441	93.93151	89.61262	4.509270

#1	.0023094	.0142858	-.004373	-.000539	-.002473	.0046910
#2	.0021560	.0219601	-.003743	-.003383	-.001273	.0048136
#3	.0021580	.0085971	-.003882	-.007852	-.000148	.0044060

Elem	Sr4077
Units	ppm
Avg	.1027621
Stddev	.0027771
%RSD	2.702423

#1	.1040788
#2	.1046358
#3	.0995716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.668	2514.178	34143.87	4919.031	3191.141
Stddev	8.393	2.921	64.40	111.945	5.837
%RSD	.6100924	.1161898	.1886244	2.275754	.1829121

#1	1378.821	2511.545	34111.17	4850.355	3187.116
#2	1382.028	2517.320	34218.06	4858.530	3197.836
#3	1366.156	2513.668	34102.38	5048.208	3188.472

Sample Name: ICSAB Acquired: 4/26/2018 11:44:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0885975	.1011048	.0416368	.0497512	.5428778	245.6383
Stddev	.0030452	.0037214	.0009484	.0038036	.0025495	2.3180
%RSD	3.437074	3.680710	2.277845	7.645316	.4696287	.9436691

#1	.0857476	.0991008	.0406691	.0467188	.5446423	243.0335
#2	.0918062	.0988149	.0416768	.0540190	.5399547	247.4742
#3	.0882387	.1053987	.0425647	.0485159	.5440363	246.4071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4710535	.4813778	.9286046	252.9882	.5202815	.4611627
Stddev	.0014987	.0025460	.0063476	1.1935	.0014713	.0035243
%RSD	.3181591	.5288944	.6835629	.4717690	.2827907	.7642179

#1	.4693945	.4797298	.9296941	251.9546	.5188832	.4628804
#2	.4723095	.4843101	.9217827	254.2944	.5218163	.4571089
#3	.4714564	.4800935	.9343369	252.7154	.5201450	.4634988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4711654	105.8607	.4876257	263.0704	.9322078	.1843774
Stddev	.0028753	1.2859	.0041413	3.6929	.0057621	.0010667
%RSD	.6102583	1.214731	.8492758	1.403763	.6181093	.5785642

#1	.4679102	104.3778	.4903017	258.8126	.9326424	.1831620
#2	.4722270	106.5371	.4897199	264.9964	.9262407	.1851586
#3	.4733590	106.6673	.4828556	265.4021	.9377402	.1848115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596139	.4943640	1.042999	-.774920	.0062063	F -.013423
Stddev	.2872708	.0066775	.017463	.064232	.0013785	.002750
%RSD	481.8856	1.350721	1.674305	8.288861	22.21037	20.48417

#1	-.040854	.4888755	1.024673	-.722084	.0047683	-.016150
#2	-.163930	.5017983	1.044878	-.846416	.0075163	-.013467
#3	.383625	.4924182	1.059447	-.756260	.0063344	-.010651

Sample Name: ICSAB Acquired: 4/26/2018 11:44:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0027793	.0158937	-.005403	-.003233	-.002139	.0046812
Stddev	.0002618	.0014841	.000782	.000359	.001074	.0006734
%RSD	9.419700	9.337487	14.46679	11.08965	50.21534	14.38505

#1	.0030505	.0162066	-.005891	-.003606	-.003048	.0050642
#2	.0027595	.0171964	-.004501	-.003204	-.002415	.0050758
#3	.0025280	.0142781	-.005817	-.002891	-.000954	.0039037

Elem	Sr4077
Units	ppm
Avg	.1041419
Stddev	.0004394
%RSD	.4218965

#1	.1036499
#2	.1044949
#3	.1042810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.166	2477.491	34423.43	4943.594	3209.045
Stddev	8.034	14.582	36.70	35.612	21.724
%RSD	.5808222	.5885770	.1066155	.7203601	.6769740

#1	1387.594	2469.470	34393.05	4980.942	3199.197
#2	1388.012	2494.322	34464.21	4910.019	3233.950
#3	1373.893	2468.680	34413.03	4939.821	3193.989

Sample Name: CCV034 Acquired: 4/26/2018 11:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918201	4.903005	24.37713	4.979725	4.980770	406.8739
Stddev	.049178	.017332	.13860	.050004	.053196	.7841
%RSD	.9999176	.3534971	.5685790	1.004158	1.068035	.1927053

#1	4.902471	4.914290	24.32393	4.932757	4.939318	407.7740
#2	4.878813	4.883049	24.27300	4.974124	4.962238	406.3399
#3	4.973320	4.911676	24.53445	5.032294	5.040754	406.5077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.792344	.5012594	2.462465	394.4192	14.73724	2.459462
Stddev	.023908	.0022110	.018137	.4028	.16760	.016877
%RSD	.2441471	.4410904	.7365460	.1021173	1.137245	.6862239

#1	9.819504	.5037663	2.453666	394.5839	14.69242	2.451662
#2	9.783044	.5004243	2.450406	394.7135	14.92270	2.447896
#3	9.774483	.4995875	2.483323	393.9602	14.59661	2.478829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90307	422.2826	14.43848	414.6427	2.461867	1.231618
Stddev	.02405	.5933	.03892	1.2986	.019071	.013174
%RSD	.1613447	.1404908	.2695910	.3131968	.7746629	1.069642

#1	14.92255	422.8731	14.48208	415.5055	2.448259	1.229522
#2	14.87620	421.6866	14.42611	413.1492	2.453677	1.245714
#3	14.91047	422.2880	14.40724	415.2736	2.483665	1.219617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.5693	2.518091	15.45170	153.3234	F 2.678600	4.891966
Stddev	1.0887	.003550	.16608	.2828	.009480	.017239
%RSD	.2645314	.1409791	1.074838	.1844187	.3539151	.3523912

#1	411.3591	2.514332	15.58061	153.5733	2.675379	4.906516
#2	410.6010	2.518555	15.51020	153.0164	2.671150	4.896455
#3	412.7478	2.521386	15.26428	153.3805	2.689271	4.872927

Sample Name: CCV034 Acquired: 4/26/2018 11:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.931067	5.139988	4.954933	4.954205	4.988213	5.022564
Stddev	.053485	.042143	.016885	.042351	.015604	.004514
%RSD	1.084646	.8198997	.3407719	.8548554	.3128148	.0898703

#1	4.887346	5.099533	4.973053	4.940686	5.006019	5.019234
#2	4.915153	5.136793	4.952106	4.920264	4.981695	5.020756
#3	4.990703	5.183637	4.939640	5.001666	4.976925	5.027702

Elem	Sr4077
Units	ppm
Avg	4.971360
Stddev	.004215
%RSD	.0847829

#1	4.976203
#2	4.968522
#3	4.969355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.230	2238.911	32601.89	4787.321	2829.157
Stddev	10.621	16.314	241.36	7.639	14.667
%RSD	.8488757	.7286602	.7403363	.1595773	.5184371

#1	1249.299	2251.919	32727.61	4778.750	2834.496
#2	1241.707	2244.206	32323.62	4793.414	2840.407
#3	1262.684	2220.606	32754.45	4789.798	2812.568

Sample Name: CCB034 Acquired: 4/26/2018 11:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030256	-.000265	.0005127	.0020308	.0008244	.0043335	-.002872
Stddev	.0006549	.001739	.0006931	.0028654	.0002787	.0018203	.000543
%RSD	21.64461	656.5140	135.1818	141.0975	33.80902	42.00544	18.89458

#1	.0027251	.001255	-.000163	.0027555	.0006546	.0063405	-.002613
#2	.0025749	-.002161	.001222	.0044643	.0011461	.0038710	-.003496
#3	.0037769	.000112	.000479	-.001127	.0006726	.0027891	-.002507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000660	-.000028	.0209877	.0004359	-.000202	.0032622	.0163557
Stddev	.0000432	.000056	.0133838	.0001928	.000110	.0043625	.0041479
%RSD	65.46468	197.1416	63.76966	44.22982	54.50839	133.7275	25.36069

#1	.0000185	-.000034	.0302091	.0004075	-.000229	.0048823	.0185318
#2	.0001030	.000030	.0271172	.0006413	-.000081	-.001679	.0115726
#3	.0000765	-.000081	.0056369	.0002588	-.000296	.006583	.0189627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005407	-.019203	.0000424	-.000372	-.135908	.0019893	-.007863
Stddev	.0000984	.028718	.0002346	.000276	.052842	.0062779	.006010
%RSD	18.19489	149.5446	552.9376	74.11996	38.88037	315.5807	76.42641

#1	.0005207	-.028101	-.000228	-.000289	-.195565	.0064735	-.001258
#2	.0006475	.012910	.000183	-.000147	-.117171	-.005185	-.013008
#3	.0004538	-.042419	.000173	-.000679	-.094988	.004680	-.009324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.212241	-.001298	.0062718	-.000259	-.005437	-.003071	-.000008
Stddev	.030471	.001180	.0005416	.000158	.004366	.000190	.000678
%RSD	14.35698	90.92561	8.635367	61.18865	80.31462	6.181605	8514.551

#1	-.190786	-.000032	.0060010	-.000283	-.001659	-.003103	-.000540
#2	-.247120	-.002367	.0059190	-.000090	-.004434	-.003243	.000755
#3	-.198818	-.001494	.0068954	-.000404	-.010217	-.002867	-.000238

Sample Name: CCB034 Acquired: 4/26/2018 11:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000103	.0004975	-.000038
Stddev	.0006931	.0002741	.000029
%RSD	6711.034	55.10453	77.32949

#1	-.000727	.0007438	-.000064
#2	.000109	.0002021	-.000042
#3	.000649	.0005466	-.000007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.974	2660.831	37139.28	5056.233	3849.681
Stddev	3.124	11.046	112.28	6.957	14.946
%RSD	.2096908	.4151500	.3023088	.1375948	.3882516

#1	1490.690	2665.090	37022.56	5060.225	3863.839
#2	1486.554	2648.290	37246.51	5048.200	3834.054
#3	1492.679	2669.115	37148.76	5060.275	3851.148

Sample Name: PB108600BL Acquired: 4/26/2018 11:56:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0030911	.0007371	.0014090	.0006891	.0014306	.0108863	-.002405
Stddev	.0023793	.0019289	.0003912	.0020695	.0013059	.0146805	.000379
%RSD	76.97171	261.6872	27.76749	300.3119	91.28779	134.8530	15.77166

#1	.0052392	.0025005	.0014162	.0026508	.0011925	.0238738	-.002500
#2	.0005337	-.001323	.0017965	-.001474	.0028391	.0138270	-.002727
#3	.0035004	.001034	.0010141	.000890	.0002600	-.005042	-.001987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000108	.1039410	.0004795	-.000136	.0006529	.0318820
Stddev	.000078	.000018	.0231506	.0001846	.000388	.0033064	.0176451
%RSD	108.3268	16.47288	22.27285	38.50414	286.2570	506.4348	55.34490

#1	-.000151	-.000096	.0781851	.0003568	.000214	.0039172	.0495896
#2	.000005	-.000128	.1106200	.0003899	-.000068	-.002694	.0143001
#3	-.000070	-.000099	.1230179	.0006918	-.000554	.000735	.0317564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005895	-.020430	-.000083	.0003046	-.286231	.0045678	.0046112
Stddev	.0004225	.018951	.000121	.0002054	.109940	.0029452	.0055216
%RSD	71.66382	92.76114	146.3401	67.44085	38.40968	64.47641	119.7423

#1	.0010768	-.000783	-.000052	.0002306	-.402968	.0079173	-.000540
#2	.0003259	-.021908	-.000216	.0005367	-.184662	.0023834	.010440
#3	.0003658	-.038598	.000020	.0001464	-.271063	.0034028	.003934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.21489	.0014628	.0016466	.0001272	-.004438	-.005931	.0010128
Stddev	.02559	.0013425	.0010665	.0002814	.001153	.000933	.0005542
%RSD	2.106257	91.77153	64.76882	221.3555	25.97589	15.72700	54.71547

#1	-1.22540	.0029275	.0006348	.0003955	-.005463	-.004972	.0004832
#2	-1.23356	.0011702	.0015445	.0001518	-.003190	-.005986	.0009666
#3	-1.18572	.0002908	.0027604	-.000166	-.004661	-.006835	.0015886

Sample Name: PB108600BL Acquired: 4/26/2018 11:56:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000143	-.002329	.0000456
Stddev	.000359	.001022	.0000700
%RSD	250.3909	43.87379	153.6673

#1	-.000525	-.003201	.0000357
#2	.000187	-.001205	.0001200
#3	-.000092	-.002580	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.587	2732.820	37993.40	5136.292	3925.709
Stddev	2.463	4.036	98.89	29.428	7.973
%RSD	.1623109	.1476822	.2602808	.5729355	.2030984

#1	1519.874	2732.237	37938.20	5166.875	3923.762
#2	1514.979	2737.116	37934.43	5108.175	3934.475
#3	1517.907	2729.108	38107.57	5133.825	3918.890

Sample Name: PB108600BS Acquired: 4/26/2018 12:00:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0205926	.0484989	.0206437	.0637165	.1104282	.3969308
Stddev	.0027354	.0010466	.0011168	.0019365	.0019764	.0091733
%RSD	13.28357	2.158021	5.409801	3.039245	1.789792	2.311066

#1	.0176527	.0479808	.0213865	.0649218	.1097033	.4064040
#2	.0230628	.0478124	.0211851	.0614828	.1126647	.3880901
#3	.0210622	.0497035	.0193594	.0647450	.1089165	.3962983

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3844016	.0095184	.0091000	10.18273	.0206459	.0922292
Stddev	.0065431	.0000557	.0000707	.16286	.0005589	.0002355
%RSD	1.702154	.5851288	.7766719	1.599382	2.706945	.2553301

#1	.3800232	.0095702	.0090296	10.07078	.0212898	.0919586
#2	.3812583	.0094595	.0091710	10.10786	.0202862	.0923423
#3	.3919232	.0095257	.0090993	10.36957	.0203618	.0923869

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552318	.2350392	.0327404	9.426970	.0766714	.0184136
Stddev	.0048940	.0094768	.0005266	.128245	.0006499	.0003226
%RSD	8.860871	4.032018	1.608289	1.360408	.8476253	1.751776

#1	.0508699	.2459139	.0323406	9.298393	.0759532	.0183954
#2	.0605243	.2306579	.0325437	9.427636	.0772188	.0187449
#3	.0543011	.2285457	.0333370	9.554880	.0768423	.0181006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.306597	.1050836	.1193647	8.155035	.0142129	F .0178195
Stddev	.232579	.0072962	.0114780	.191836	.0007399	.0006822
%RSD	2.499076	6.943242	9.615942	2.352365	5.205971	3.828419

#1	9.184782	.1034850	.1244925	8.144817	.0135051	.0176369
#2	9.160228	.1130466	.1273849	7.968513	.0149812	.0172473
#3	9.574782	.0987193	.1062166	8.351777	.0141523	.0185745

Sample Name: PB108600BS Acquired: 4/26/2018 12:00:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0203089	.1547396	.1755249	F .0145963	.1995083	.0866478
Stddev	.0002076	.0026111	.0003216	.0011703	.0019161	.0010028
%RSD	1.022433	1.687437	.1832223	8.018031	.9604160	1.157316

#1	.0202379	.1519313	.1754213	.0150260	.1978932	.0855699
#2	.0205427	.1570941	.1752678	.0154911	.1990064	.0868206
#3	.0201460	.1551935	.1758855	.0132719	.2016255	.0875530

Elem	Sr4077
Units	ppm
Avg	.1980618
Stddev	.0030660
%RSD	1.548022

#1	.1960474
#2	.1965476
#3	.2015903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.203	2694.604	37267.17	5016.050	3814.839
Stddev	6.084	2.531	176.51	42.655	2.443
%RSD	.4090701	.0939432	.4736440	.8503762	.0640363

#1	1486.249	2691.985	37344.58	5040.125	3813.827
#2	1493.707	2697.038	37391.75	5041.225	3817.625
#3	1481.652	2694.789	37065.18	4966.800	3813.065

Sample Name: J2484-01 Acquired: 4/26/2018 12:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501586	-.011469	.2970052	.0087552	.0105235	80.51801	.3362398
Stddev	.0024602	.005292	.0024476	.0023537	.0016201	.28130	.0015299
%RSD	4.904866	46.14109	.8240857	26.88328	15.39532	.3493632	.4550100

#1	.0477418	-.005856	.2963978	.0114361	.0115964	80.70047	.3380003
#2	.0500741	-.016367	.2949184	.0078017	.0086599	80.65952	.3354866
#3	.0526601	-.012183	.2996992	.0070280	.0113143	80.19406	.3352324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088111	.0023736	50.51495	.1994359	.0472546	.2799754	365.9011
Stddev	.0001730	.0001935	.10313	.0004602	.0004811	.0053886	1.9582
%RSD	1.963325	8.150571	.2041659	.2307776	1.018185	1.924654	.5351655

#1	.0088917	.0022451	50.62997	.1995423	.0469238	.2861631	364.9008
#2	.0089290	.0022795	50.48418	.1989318	.0470334	.2763154	368.1574
#3	.0086125	.0025961	50.43071	.1998336	.0478065	.2774477	364.6451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068258	20.71510	.3547736	.0060010	2.031500	.1978787	1.027555
Stddev	.024808	.30486	.0043753	.0003533	.220503	.0068400	.015479
%RSD	.4894789	1.471689	1.233270	5.887099	10.85421	3.456638	1.506431

#1	5.096192	20.97091	.3514120	.0061749	1.970791	.1940870	1.027282
#2	5.048796	20.79663	.3531881	.0062336	1.847712	.2057748	1.012214
#3	5.059786	20.37776	.3597206	.0055945	2.275999	.1937745	1.043169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.365024	1.055597	-.027693	.0277552	1.398600	1.955478	.0198012
Stddev	.034024	.017395	.006675	.0001625	.022281	.019103	.0011438
%RSD	1.011107	1.647885	24.10244	.5854109	1.593074	.9768942	5.776566

#1	3.396696	1.037316	-.025345	.0279078	1.378719	1.949813	.0193402
#2	3.369321	1.057530	-.035225	.0275844	1.394399	1.976772	.0211036
#3	3.329056	1.071945	-.022510	.0277735	1.422682	1.939848	.0189598

Sample Name: J2484-01 Acquired: 4/26/2018 12:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4045643	.0259345	.1207899
Stddev	.0008132	.0010092	.0004070
%RSD	.2009962	3.891190	.3369717

#1	.4055033	.0248951	.1211847
#2	.4040986	.0259980	.1208131
#3	.4040911	.0269104	.1203717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.901	2938.392	40948.73	5615.515	3549.179
Stddev	11.232	21.317	203.55	48.418	30.072
%RSD	.6857741	.7254813	.4970863	.8622176	.8472850

#1	1625.801	2950.816	40716.74	5613.884	3569.474
#2	1647.996	2950.583	41097.41	5567.933	3563.432
#3	1639.905	2913.777	41032.04	5664.727	3514.630

Sample Name: J2484-02 Acquired: 4/26/2018 12:08:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370227	-.006399	.6773004	.0047189	.0097468	71.70434	.5691084
Stddev	.0022339	.000904	.0017066	.0009375	.0003092	.13294	.0015029
%RSD	6.033845	14.12936	.2519757	19.86622	3.172656	.1853982	.2640813

#1	.0352836	-.005994	.6764736	.0039801	.0094638	71.64855	.5707824
#2	.0362424	-.005768	.6761646	.0057734	.0100769	71.85608	.5678750
#3	.0395421	-.007434	.6792629	.0044031	.0096998	71.60838	.5686679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078163	.0085997	97.05444	.1471498	.0360306	.5523051	267.4746
Stddev	.0000922	.0001212	.23609	.0006236	.0005122	.0057972	1.9511
%RSD	1.179795	1.409106	.2432584	.4237851	1.421476	1.049628	.7294386

#1	.0078695	.0086786	97.31726	.1473879	.0365919	.5585040	265.4399
#2	.0078696	.0084602	96.98574	.1476193	.0359114	.5513937	269.3295
#3	.0077098	.0086604	96.86031	.1464422	.0355886	.5470177	267.6545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.487620	16.73748	.1666320	.0045024	2.108318	.1645863	3.542908
Stddev	.023794	.08240	.0007239	.0001816	.060162	.0072695	.032900
%RSD	.5302176	.4922831	.4344534	4.033284	2.853569	4.416858	.9286110

#1	4.512102	16.66549	.1666501	.0046626	2.165578	.1707048	3.562985
#2	4.464580	16.82734	.1673467	.0045395	2.113755	.1565502	3.504939
#3	4.486179	16.71962	.1658992	.0043051	2.045622	.1665039	3.560799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.671536	5.393740	-.001527	.0182003	4.432198	2.296552	.0331888
Stddev	.037165	.022494	.001180	.0001939	.025923	.023115	.0019904
%RSD	.6552952	.4170476	77.23793	1.065511	.5848808	1.006507	5.997317

#1	5.713960	5.373328	-.002563	.0183055	4.409655	2.275443	.0309047
#2	5.655929	5.390035	-.001776	.0183190	4.426415	2.321253	.0345519
#3	5.644720	5.417857	-.000243	.0179766	4.460525	2.292961	.0341100

Sample Name: J2484-02 Acquired: 4/26/2018 12:08:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4892826	.0321190	.1845117
Stddev	.0048026	.0012160	.0000506
%RSD	.9815601	3.786035	.0274035

#1	.4891265	.0310535	.1844553
#2	.4941613	.0334438	.1845530
#3	.4845599	.0318598	.1845267

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.876	2900.016	40180.93	5551.334	3589.838
Stddev	6.526	11.032	58.20	23.734	11.076
%RSD	.4048458	.3804267	.1448486	.4275350	.3085456

#1	1604.713	2900.429	40124.67	5553.101	3589.499
#2	1617.482	2910.837	40177.23	5526.766	3601.080
#3	1613.434	2888.783	40240.90	5574.135	3578.935

Sample Name: J2484-03 Acquired: 4/26/2018 12:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313529	-.006609	.2292341	.0084735	.0098125	82.36451	.3437361
Stddev	.0019474	.005182	.0020172	.0013995	.0016093	.21299	.0015074
%RSD	6.211301	78.40844	.8799650	16.51653	16.40048	.2585902	.4385308

#1	.0331526	-.000628	.2271323	.0071343	.0079758	82.60934	.3453134
#2	.0316207	-.009760	.2294157	.0099264	.0109754	82.22193	.3435850
#3	.0292855	-.009439	.2311544	.0083598	.0104861	82.26225	.3423100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076320	.0006850	88.31305	.2110602	.0281112	.2368716	303.4671
Stddev	.0002283	.0001944	.49830	.0058850	.0002684	.0028040	.6262
%RSD	2.991837	28.38425	.5642391	2.788309	.9549692	1.183748	.2063395

#1	.0076719	.0005456	88.86265	.2141358	.0281870	.2377604	303.8604
#2	.0073863	.0009071	88.18574	.2042747	.0278130	.2391234	302.7451
#3	.0078377	.0006023	87.89075	.2147701	.0283336	.2337309	303.7960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.263367	37.56761	.1380555	.0056124	1.646299	.1563543	.5685995
Stddev	.044125	.07127	.0008029	.0000472	.097401	.0088551	.0237742
%RSD	.7044947	.1897044	.5816138	.8406634	5.916338	5.663485	4.181183

#1	6.311577	37.48652	.1372881	.0055697	1.736327	.1479395	.5958965
#2	6.253540	37.62030	.1379886	.0056630	1.542906	.1555311	.5524277
#3	6.224984	37.59601	.1388898	.0056043	1.659663	.1655922	.5574743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.116931	.7586210	-.006809	.0232165	1.106328	2.167283	.0215837
Stddev	.065923	.0046816	.010172	.0002820	.010219	.026102	.0005049
%RSD	1.601277	.6171227	149.3733	1.214747	.9237264	1.204379	2.339074

#1	4.186359	.7532157	.000342	.0230686	1.094553	2.144371	.0216736
#2	4.109250	.7612566	-.002317	.0235417	1.111549	2.161781	.0220376
#3	4.055185	.7613908	-.018454	.0230392	1.112883	2.195698	.0210399

Sample Name: J2484-03 Acquired: 4/26/2018 12:12:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9510249	.0341265	.1804767
Stddev	.0059996	.0008965	.0005759
%RSD	.6308592	2.627141	.3191191

#1	.9576189	.0348657	.1809453
#2	.9458880	.0343846	.1806511
#3	.9495679	.0331292	.1798337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.850	2841.719	40304.97	5579.215	3520.520
Stddev	37.848	17.587	904.24	16.901	23.244
%RSD	2.358360	.6188969	2.243487	.3029311	.6602313

#1	1568.320	2858.344	39610.17	5584.240	3541.416
#2	1643.891	2843.507	41327.33	5593.033	3524.660
#3	1602.339	2823.306	39977.40	5560.371	3495.485

Sample Name: J2484-04 Acquired: 4/26/2018 12:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437902	-.006192	.6760696	.0118462	.0114342	97.46771	.7474546
Stddev	.0013566	.003201	.0062082	.0038963	.0023428	.27156	.0021470
%RSD	3.097982	51.68862	.9182827	32.89056	20.48918	.2786147	.2872443

#1	.0425415	-.002601	.6748038	.0117027	.0141270	97.71102	.7486536
#2	.0435955	-.008744	.6705918	.0158123	.0103114	97.17475	.7449759
#3	.0452337	-.007232	.6828131	.0080237	.0098641	97.51736	.7487344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097541	.0070366	238.0198	.1984330	.0347555	.5535667	292.9265
Stddev	.0000941	.0003313	.1155	.0009528	.0005001	.0037248	.3128
%RSD	.9647394	4.708581	.0485393	.4801895	1.439053	.6728806	.1067821

#1	.0096720	.0067779	237.8885	.1973529	.0347119	.5562576	292.5758
#2	.0098568	.0069220	238.1061	.1987918	.0342786	.5493154	293.0270
#3	.0097335	.0074100	238.0648	.1991544	.0352761	.5551270	293.1767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.59274	54.78169	.1613672	.0054558	2.079677	.1846923	2.575203
Stddev	.02498	.10052	.0014620	.0001675	.188233	.0031796	.034682
%RSD	.2155198	.1834858	.9060109	3.070647	9.051043	1.721584	1.346783

#1	11.61097	54.81074	.1605479	.0056313	1.867186	.1867108	2.571383
#2	11.60299	54.66984	.1604986	.0054386	2.225510	.1810270	2.611637
#3	11.56426	54.86448	.1630551	.0052975	2.146336	.1863391	2.542589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.893689	2.072474	.0062539	.0178911	2.981980	2.280308	.0341697
Stddev	.050590	.034116	.0020912	.0004040	.043916	.022671	.0020861
%RSD	.8583673	1.646163	33.43895	2.258404	1.472707	.9942258	6.105052

#1	5.947926	2.038365	.0040796	.0178839	2.937373	2.302996	.0365738
#2	5.847780	2.072459	.0064314	.0174907	2.983396	2.280276	.0328370
#3	5.885361	2.106597	.0082508	.0182987	3.025170	2.257653	.0330983

Sample Name: J2484-04 Acquired: 4/26/2018 12:16:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.071434	.0594893	.5095436
Stddev	.004184	.0017028	.0004173
%RSD	.2019981	2.862372	.0818881

#1	2.070557	.0584163	.5100253
#2	2.067757	.0585990	.5092934
#3	2.075987	.0614528	.5093122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1579.356	2791.466	39418.76	5538.425	3359.521
Stddev	1.940	27.887	123.98	21.184	31.341
%RSD	.1228064	.9990099	.3145279	.3824985	.9329089

#1	1577.167	2806.485	39536.20	5518.552	3374.952
#2	1580.037	2808.624	39289.13	5560.714	3380.156
#3	1580.863	2759.288	39430.93	5536.010	3323.457

Sample Name: J2484-05 Acquired: 4/26/2018 12:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454201	-.001133	.6778080	.0119304	.0113770	96.79264	.7448974
Stddev	.0025081	.001739	.0015698	.0022178	.0009752	.47633	.0004156
%RSD	5.521995	153.4541	.2315956	18.58956	8.572099	.4921140	.0557889

#1	.0429306	-.000539	.6781661	.0144697	.0107851	97.03771	.7446703
#2	.0479463	-.003091	.6760901	.0109482	.0125026	96.24367	.7446448
#3	.0453833	.000231	.6791677	.0103733	.0108433	97.09653	.7453770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095572	.0074841	235.7325	.1978635	.0344292	.5513948	294.2631
Stddev	.0001188	.0002866	.6311	.0029814	.0003660	.0016817	2.8206
%RSD	1.242806	3.829041	.2677297	1.506804	1.063045	.3049839	.9585232

#1	.0096466	.0071865	235.1054	.1944366	.0348516	.5527474	297.0240
#2	.0096025	.0075076	235.7246	.1998618	.0342054	.5519250	291.3864
#3	.0094224	.0077582	236.3675	.1992922	.0342307	.5495119	294.3789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.44121	54.41563	.1623323	.0064054	1.921434	.1727875	2.572136
Stddev	.06809	.62703	.0007476	.0004116	.204455	.0041458	.015060
%RSD	.5950967	1.152293	.4605424	6.426457	10.64074	2.399377	.5854913

#1	11.36527	54.99026	.1630075	.0067157	2.133125	.1741946	2.583901
#2	11.46156	53.74685	.1615288	.0059384	1.906096	.1681212	2.577342
#3	11.49680	54.50977	.1624606	.0065622	1.725080	.1760466	2.555164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.790566	2.087789	.0136197	.0182056	3.003402	2.233853	.0333195
Stddev	.079662	.006320	.0058871	.0002429	.008911	.007215	.0021483
%RSD	1.375720	.3027010	43.22520	1.334434	.2967005	.3229956	6.447432

#1	5.804121	2.085992	.0190192	.0181324	2.997862	2.225594	.0355335
#2	5.704996	2.082562	.0073433	.0184767	3.013681	2.238933	.0312437
#3	5.862580	2.094812	.0144964	.0180076	2.998662	2.237032	.0331813

Sample Name: J2484-05 Acquired: 4/26/2018 12:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.043599	.0594457	.5108355
Stddev	.010180	.0013474	.0014201
%RSD	.4981374	2.266576	.2779990

#1	2.053630	.0592961	.5112830
#2	2.033277	.0581793	.5092456
#3	2.043890	.0608616	.5119780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.086	2793.412	39554.35	5575.902	3372.392
Stddev	8.312	2.807	231.55	16.812	6.207
%RSD	.5267217	.1004804	.5853928	.3015106	.1840670

#1	1586.563	2792.290	39816.38	5563.173	3365.866
#2	1569.949	2796.606	39469.36	5594.960	3378.222
#3	1577.746	2791.339	39377.30	5569.575	3373.088

Sample Name: J2484-06 Acquired: 4/26/2018 12:24:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1205370	.1083424	.7155801	.0304660	.2132204	97.68343	4.936390
Stddev	.0023783	.0045530	.0041671	.0028575	.0002952	.17208	.005334
%RSD	1.973105	4.202366	.5823337	9.379265	.1384618	.1761647	.1080627

#1	.1195893	.1046431	.7168424	.0278789	.2129305	97.49487	4.931598
#2	.1187787	.1134271	.7189700	.0299860	.2135207	97.72341	4.935434
#3	.1232431	.1069570	.7109278	.0335331	.2132099	97.83200	4.942137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158142	.1184810	226.0194	.6216647	1.169389	1.087901	296.2041
Stddev	.0004841	.0007451	.3820	.0022413	.006405	.004675	.1966
%RSD	.4180407	.6288485	.1690141	.3605244	.5477051	.4297584	.0663882

#1	.1155267	.1187101	225.6774	.6240896	1.171669	1.083186	296.0157
#2	.1163732	.1190847	225.9491	.6196692	1.174342	1.092536	296.4081
#3	.1155427	.1176483	226.4317	.6212354	1.162156	1.087982	296.1884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89123	50.86936	1.306182	.1057748	2.089316	1.304963	3.805205
Stddev	.05679	.17862	.005606	.0004746	.022221	.008228	.036722
%RSD	.4775820	.3511322	.4291540	.4486704	1.063577	.6304877	.9650516

#1	11.82921	50.68407	1.307133	.1062624	2.068672	1.296231	3.797576
#2	11.90378	50.88354	1.311251	.1053144	2.112835	1.312571	3.772897
#3	11.94069	51.04047	1.300161	.1057476	2.086441	1.306087	3.845143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.631322	2.146644	.0091990	.0181285	2.906544	2.226826	.0314980
Stddev	.061297	.024709	.0028145	.0002383	.028255	.022466	.0010146
%RSD	1.088503	1.151066	30.59501	1.314698	.9721066	1.008885	3.221227

#1	5.560648	2.157474	.0107635	.0178982	2.925104	2.213353	.0320353
#2	5.663309	2.164090	.0059499	.0181129	2.920501	2.252761	.0321310
#3	5.670010	2.118369	.0108836	.0183741	2.874026	2.214364	.0303277

Sample Name: J2484-06 Acquired: 4/26/2018 12:24:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.897714	.0583800	.5214283
Stddev	.008881	.0008229	.0005672
%RSD	.4679925	1.409589	.1087844

#1	1.892678	.0580675	.5207838
#2	1.892495	.0593134	.5218514
#3	1.907968	.0577591	.5216499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.667	2779.861	39116.16	5539.673	3370.847
Stddev	6.225	13.556	159.93	24.483	14.900
%RSD	.4001760	.4876664	.4088587	.4419531	.4420181

#1	1554.661	2776.747	39157.29	5558.332	3365.984
#2	1562.334	2768.132	39251.51	5511.951	3358.986
#3	1550.006	2794.703	38939.68	5548.737	3387.570

Sample Name: J2484-04LX5 Acquired: 4/26/2018 12:30:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115572	.0014532	.1436671	.0032292	.0025802	20.83752	.1642129
Stddev	.0044751	.0011569	.0013268	.0022857	.0009729	.04064	.0011471
%RSD	38.72129	79.60854	.9235146	70.78043	37.70634	.1950392	.6985649

#1	.0072240	.0025641	.1451968	.0046504	.0015151	20.87908	.1654324
#2	.0161619	.0015404	.1428296	.0044447	.0034220	20.83561	.1631554
#3	.0112858	.0002552	.1429749	.0005927	.0028035	20.79786	.1640508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022677	.0012355	52.13343	.0474581	.0064423	.1297362	66.97313
Stddev	.0000867	.0000576	.08036	.0004957	.0002690	.0015481	.04169
%RSD	3.824119	4.665737	.1541431	1.044527	4.175191	1.193262	.0622456

#1	.0023383	.0011757	52.20821	.0475324	.0061437	.1311372	66.92910
#2	.0021709	.0012401	52.14363	.0469294	.0065172	.1299973	67.01200
#3	.0022940	.0012907	52.04846	.0479124	.0066658	.1280742	66.97829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533121	11.25929	.0333965	.0009552	.1704155	.0409207	.5608878
Stddev	.008221	.09031	.0002302	.0004016	.2288288	.0050339	.0109946
%RSD	.3245221	.8020590	.6891513	42.03929	134.2770	12.30153	1.960211

#1	2.525054	11.22244	.0333280	.0005217	.2321117	.0372714	.5715317
#2	2.541487	11.19323	.0332084	.0010295	.3620709	.0388273	.5495732
#3	2.532824	11.36219	.0336532	.0013145	-.082936	.0466635	.5615585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9083488	.4338034	-.001956	.0039060	.5752549	.5059506	.0066427
Stddev	.0720940	.0029034	.001355	.0001507	.0039711	.0036817	.0011725
%RSD	7.936817	.6692804	69.26014	3.858156	.6903288	.7276753	17.65125

#1	.9428346	.4304552	-.001690	.0038884	.5789121	.5018367	.0058633
#2	.8254890	.4356248	-.003423	.0037648	.5710307	.5089357	.0079912
#3	.9567230	.4353302	-.000754	.0040647	.5758219	.5070796	.0060737

Sample Name: J2484-04LX5 Acquired: 4/26/2018 12:30:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS30L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4319576	.0115195	.1173467
Stddev	.0023598	.0017761	.0001809
%RSD	.5463068	15.41818	.1541368

#1	.4318305	.0105065	.1173968
#2	.4343784	.0135703	.1174972
#3	.4296639	.0104816	.1171461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.872	2706.639	37643.42	5129.742	3671.954
Stddev	5.437	9.959	190.23	13.507	16.479
%RSD	.3589295	.3679402	.5053429	.2633107	.4487843

#1	1508.988	2695.253	37486.72	5123.975	3652.984
#2	1515.920	2710.940	37588.46	5120.075	3682.732
#3	1519.710	2713.725	37855.07	5145.175	3680.146

Sample Name: J2484-18 Acquired: 4/26/2018 12:34:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969963	-.002358	1.546637	.0134739	.0150385	69.08231	1.863860
Stddev	.0014968	.003646	.002300	.0010893	.0038687	.17724	.007795
%RSD	.7598307	154.6281	.1487412	8.084401	25.72553	.2565641	.4182293

#1	.1978178	-.003142	1.548149	.0135421	.0184209	68.95902	1.871075
#2	.1979025	.001616	1.547772	.0123521	.0108201	69.28542	1.855592
#3	.1952686	-.005549	1.543990	.0145274	.0158747	69.00248	1.864913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163258	.0157096	147.3984	.3610255	.1201846	1.125140	477.0889
Stddev	.0001810	.0005874	.5463	.0034636	.0001582	.005424	4.5195
%RSD	1.108480	3.738947	.3706305	.9593752	.1315905	.4821003	.9473141

#1	.0161495	.0160744	147.9647	.3570801	.1203309	1.121764	474.0750
#2	.0163167	.0150321	146.8746	.3624313	.1200168	1.131396	482.2855
#3	.0165111	.0160225	147.3560	.3635653	.1202060	1.122258	474.9062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.54345	27.44841	.2433985	.0103494	2.599002	.2326800	4.226770
Stddev	.13431	.28829	.0000394	.0003017	.208002	.0033989	.024845
%RSD	.7243024	1.050292	.0161771	2.914980	8.003131	1.460763	.5878116

#1	18.63983	27.13189	.2434050	.0106855	2.742399	.2365848	4.214117
#2	18.39004	27.69596	.2434343	.0101022	2.360443	.2310699	4.255394
#3	18.60049	27.51739	.2433564	.0102604	2.694166	.2303853	4.210798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.305604	3.030857	-.052738	.0481117	40.32761	2.451305	.0633151
Stddev	.025037	.027944	.025023	.0004208	.27929	.037206	.0009729
%RSD	.4718878	.9219957	47.44834	.8745520	.6925508	1.517823	1.536652

#1	5.306544	3.029834	-.054099	.0477326	40.41024	2.409550	.0643237
#2	5.280111	3.003438	-.027062	.0480381	40.01633	2.480942	.0623822
#3	5.330158	3.059298	-.077054	.0485644	40.55627	2.463423	.0632396

Sample Name: J2484-18 Acquired: 4/26/2018 12:34:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6332672	.1078899	.3874837
Stddev	.0014588	.0017488	.0002640
%RSD	.2303526	1.620922	.0681243

#1	.6337021	.1063704	.3875342
#2	.6344590	.1074977	.3877188
#3	.6316404	.1098015	.3871982

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.286	2917.652	40712.56	5605.941	3486.300
Stddev	3.448	5.551	118.34	27.370	4.883
%RSD	.2119870	.1902608	.2906686	.4882263	.1400603

#1	1630.254	2921.349	40842.89	5637.228	3489.417
#2	1624.032	2920.339	40682.96	5586.433	3488.812
#3	1624.571	2911.269	40611.83	5594.161	3480.673

Sample Name: J2484-19 Acquired: 4/26/2018 12:38:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2210105	-.009182	1.692256	.0135240	.0171901	60.22918	2.116605
Stddev	.0040185	.003429	.007491	.0044696	.0016269	.18603	.009503
%RSD	1.818235	37.34199	.4426828	33.04936	9.464352	.3088632	.4489619

#1	.2204779	-.006385	1.696742	.0083704	.0190680	60.02205	2.106283
#2	.2252687	-.013007	1.696419	.0163401	.0162952	60.38203	2.118542
#3	.2172848	-.008152	1.683608	.0158616	.0162070	60.28344	2.124990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176648	.0095026	67.79182	.1883986	.0918113	.5201383	381.2357
Stddev	.0001022	.0002171	.35037	.0008125	.0002912	.0045077	1.0880
%RSD	.5786133	2.284831	.5168278	.4312609	.3171212	.8666260	.2853832

#1	.0177742	.0096978	67.39913	.1878370	.0919641	.5173629	382.3375
#2	.0175718	.0095412	67.90386	.1880286	.0919941	.5177126	381.2074
#3	.0176484	.0092688	68.07246	.1893303	.0914755	.5253394	380.1621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.413212	12.20065	.1799391	.0184640	2.537824	.4007656	3.463366
Stddev	.019835	.07649	.0003362	.0002403	.137287	.0032781	.076139
%RSD	.4494374	.6269441	.1868398	1.301349	5.409626	.8179613	2.198412

#1	4.396374	12.16724	.1795914	.0186416	2.558548	.3985852	3.550447
#2	4.408186	12.14655	.1799635	.0181906	2.391353	.4045355	3.409347
#3	4.435076	12.28816	.1802625	.0185598	2.663570	.3991763	3.430303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.103937	4.712441	.0193403	.0228256	10.60106	2.882077	.1118569
Stddev	.053294	.026343	.0220586	.0000862	.05063	.044866	.0008393
%RSD	1.716982	.5590104	114.0551	.3775382	.4775925	1.556713	.7502918

#1	3.046337	4.719406	.0426195	.0229246	10.63442	2.838124	.1109584
#2	3.113977	4.734603	.0166530	.0227847	10.62595	2.880304	.1126206
#3	3.151497	4.683316	-.001252	.0227675	10.54280	2.927802	.1119918

Sample Name: J2484-19 Acquired: 4/26/2018 12:38:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.079686	.1391429	.7387185
Stddev	.005588	.0023302	.0031068
%RSD	.5175433	1.674653	.4205677

#1	1.074352	.1373661	.7356574
#2	1.079209	.1417811	.7386292
#3	1.085497	.1382814	.7418691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.885	2942.954	40701.31	5578.505	3619.718
Stddev	12.628	7.254	171.24	54.698	7.203
%RSD	.7723925	.2464934	.4207160	.9805157	.1989976

#1	1621.646	2937.890	40609.34	5633.623	3612.524
#2	1646.797	2939.708	40898.88	5577.653	3619.700
#3	1636.210	2951.265	40595.70	5524.237	3626.930

Sample Name: J2484-20 Acquired: 4/26/2018 12:43:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1286710	-.015436	.7971762	.0160439	.0169296	63.34969	.8176056
Stddev	.0030703	.001729	.0013084	.0058909	.0006117	.10422	.0011979
%RSD	2.386124	11.19809	.1641349	36.71740	3.613271	.1645214	.1465077

#1	.1253245	-.015667	.7961184	.0092812	.0175136	63.43264	.8188774
#2	.1313577	-.017037	.7986393	.0187905	.0169817	63.38373	.8174405
#3	.1293309	-.013603	.7967707	.0200599	.0162935	63.23271	.8164988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172836	.0029607	30.40433	.4734269	.0892598	.7808321	567.9042
Stddev	.0001250	.0003948	.02411	.0012152	.0005603	.0031699	.4596
%RSD	.7231353	13.33435	.0792902	.2566785	.6277447	.4059664	.0809247

#1	.0174021	.0026775	30.40057	.4735463	.0886132	.7835119	568.1729
#2	.0172955	.0027928	30.38233	.4745780	.0895645	.7773330	568.1662
#3	.0171530	.0034116	30.43010	.4721565	.0896017	.7816514	567.3736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.199253	14.84522	.2724281	.0132723	2.488891	.4397509	1.247184
Stddev	.030681	.02521	.0013315	.0006845	.125612	.0050345	.010454
%RSD	.3741983	.1698185	.4887338	5.157170	5.046892	1.144843	.8381767

#1	8.167712	14.87171	.2711814	.0126849	2.603571	.4424686	1.257249
#2	8.201054	14.84241	.2738306	.0131080	2.508458	.4428425	1.236381
#3	8.228995	14.82153	.2722724	.0140240	2.354644	.4339416	1.247923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291572	1.653152	-.042548	.0620144	2.051671	3.508402	.0413898
Stddev	.039978	.013883	.012104	.0008194	.014457	.023429	.0012706
%RSD	3.095289	.8397854	28.44836	1.321251	.7046425	.6677985	3.069829

#1	1.306707	1.640422	-.038026	.0623282	2.039500	3.535002	.0428433
#2	1.246237	1.651079	-.033357	.0610846	2.047863	3.499378	.0404901
#3	1.321773	1.667955	-.056263	.0626306	2.067651	3.490828	.0408359

Sample Name: J2484-20 Acquired: 4/26/2018 12:43:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4315544	.0346797	.1749017
Stddev	.0012650	.0015729	.0002946
%RSD	.2931314	4.535401	.1684637

#1	.4329743	.0363959	.1748975
#2	.4311414	.0343365	.1746091
#3	.4305475	.0333068	.1751984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.615	2890.938	40543.07	5639.092	3571.321
Stddev	8.353	7.590	39.06	8.297	8.972
%RSD	.5160496	.2625339	.0963542	.1471346	.2512218

#1	1615.185	2896.968	40576.96	5629.969	3579.749
#2	1612.523	2893.430	40551.89	5646.187	3572.325
#3	1628.137	2882.416	40500.34	5641.121	3561.890

Sample Name: J2484-21 Acquired: 4/26/2018 12:47:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018826	-.006781	.8763533	.0125200	.0112227	76.14382	.8170981
Stddev	.0035610	.001475	.0066937	.0018391	.0023255	.19491	.0019202
%RSD	3.495212	21.75121	.7638113	14.68926	20.72107	.2559715	.2349991

#1	.0984610	-.005733	.8828300	.0104169	.0119410	76.36859	.8191804
#2	.1055683	-.006142	.8694619	.0133166	.0131043	76.04121	.8153974
#3	.1016184	-.008467	.8767681	.0138265	.0086229	76.02165	.8167164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116832	.0033440	45.93904	.3699121	.0599094	.5629327	357.4123
Stddev	.0001445	.0001565	.05733	.0004466	.0007028	.0031981	2.0724
%RSD	1.236580	4.680060	.1247883	.1207304	1.173094	.5681054	.5798345

#1	.0115248	.0031679	45.98796	.3704165	.0607055	.5594267	359.7259
#2	.0118077	.0033967	45.87596	.3695669	.0596481	.5656898	356.7852
#3	.0117170	.0034673	45.95318	.3697529	.0593747	.5636818	355.7259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.623173	17.67926	.2354234	.0072875	1.841421	.2570269	2.507769
Stddev	.021960	.16548	.0009440	.0001911	.113334	.0039409	.041777
%RSD	.3905224	.9360121	.4009977	2.622777	6.154702	1.533246	1.665910

#1	5.626426	17.78583	.2353907	.0074673	1.962713	.2570184	2.530837
#2	5.599768	17.48862	.2344961	.0073084	1.738222	.2609720	2.532926
#3	5.643325	17.76333	.2363834	.0070867	1.823328	.2530904	2.459544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.702655	1.542921	-.015207	.0407046	2.960060	3.300554	.0592743
Stddev	.046921	.007493	.005821	.0003539	.007208	.010256	.0016161
%RSD	1.267231	.4856553	38.27771	.8695348	.2435082	.3107421	2.726490

#1	3.652032	1.544518	-.008713	.0403985	2.964628	3.290408	.0588213
#2	3.744687	1.534758	-.016954	.0406231	2.951750	3.300337	.0579331
#3	3.711246	1.549488	-.019954	.0410922	2.963801	3.310917	.0610686

Sample Name: J2484-21 Acquired: 4/26/2018 12:47:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5196528	.0443067	.2312570
Stddev	.0024160	.0011711	.0007350
%RSD	.4649321	2.643266	.3178110

#1	.5192726	.0451602	.2317899
#2	.5222364	.0429715	.2304186
#3	.5174494	.0447883	.2315626

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.869	2896.631	40420.51	5595.504	3623.733
Stddev	14.625	3.596	168.95	9.887	15.707
%RSD	.9017616	.1241544	.4179719	.1766935	.4334486

#1	1627.871	2892.522	40409.54	5584.931	3615.300
#2	1605.198	2899.206	40257.32	5604.520	3641.856
#3	1632.539	2898.166	40594.68	5597.061	3614.044

Sample Name: J2484-22 Acquired: 4/26/2018 12:51:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242277	-.012010	.8351117	.0125997	.0120800	68.28449	.9170997
Stddev	.0032345	.004149	.0009934	.0062450	.0011043	.38755	.0014392
%RSD	2.603716	34.54209	.1189576	49.56474	9.141791	.5675558	.1569272

#1	.1268550	-.012978	.8340634	.0197658	.0110641	67.86354	.9164214
#2	.1252130	-.007463	.8352324	.0083198	.0119206	68.36344	.9187526
#3	.1206151	-.015589	.8360392	.0097136	.0132554	68.62649	.9161249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150150	.0043152	34.05237	.2734419	.0710680	.2150067	377.5434
Stddev	.0001268	.0001525	.04702	.0016774	.0001546	.0016097	3.1905
%RSD	.8448374	3.534751	.1380766	.6134456	.2175446	.7486833	.8450764

#1	.0150725	.0041631	34.01564	.2748041	.0710501	.2135209	374.3012
#2	.0148695	.0043144	34.10536	.2739532	.0712307	.2167168	377.6495
#3	.0151028	.0044682	34.03612	.2715683	.0709231	.2147824	380.6796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.204924	8.020135	.0797713	.0084747	1.354097	.4944633	1.866077
Stddev	.033604	.206907	.0010004	.0001743	.177206	.0083511	.023201
%RSD	.5415718	2.579846	1.254051	2.056196	13.08667	1.688926	1.243278

#1	6.206117	7.807986	.0787352	.0084030	1.549587	.4891153	1.867090
#2	6.237916	8.031050	.0798469	.0086734	1.204010	.4901882	1.842387
#3	6.170739	8.221368	.0807317	.0083478	1.308692	.5040864	1.888755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944823	1.741157	-.035113	.0093651	2.116481	3.435475	.0380629
Stddev	.088649	.019113	.003023	.0001857	.018763	.004957	.0024393
%RSD	4.558228	1.097729	8.610252	1.982360	.8865338	.1442751	6.408660

#1	1.861504	1.720675	-.038304	.0091509	2.094916	3.432210	.0401846
#2	1.934983	1.744280	-.032292	.0094657	2.125461	3.441178	.0386066
#3	2.037982	1.758517	-.034742	.0094788	2.129068	3.433037	.0353977

Sample Name: J2484-22 Acquired: 4/26/2018 12:51:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS46 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7525539	.0851566	.2302046
Stddev	.0118150	.0012195	.0003434
%RSD	1.569984	1.432065	.1491660

#1	.7408211	.0847819	.2298394
#2	.7523913	.0841684	.2305209
#3	.7644494	.0865194	.2302536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.668	2894.238	40702.08	5628.711	3616.010
Stddev	9.665	6.838	109.81	26.885	8.769
%RSD	.5912681	.2362511	.2697801	.4776480	.2425179

#1	1642.859	2900.416	40641.48	5657.820	3624.067
#2	1637.136	2895.408	40635.93	5604.811	3617.293
#3	1624.007	2886.891	40828.83	5623.503	3606.669

Sample Name: PB108543BL Acquired: 4/26/2018 12:55:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000342	-.000920	.0004920	.0029534	.0009118	.0090044	-.003162
Stddev	.003745	.001423	.0008053	.0009784	.0004848	.0118690	.000500
%RSD	1094.646	154.6313	163.6884	33.12687	53.16996	131.8130	15.80908

#1	-.004665	.000721	.0006681	.0018856	.0004061	.0201720	-.002998
#2	.001700	-.001812	-.000387	.0031676	.0009568	-.003459	-.003724
#3	.001938	-.001669	.001195	.0038068	.0013726	.010301	-.002765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	-.000085	.0340440	.0001619	-.000027	.0050387	.0343852
Stddev	.000009	.000035	.0099327	.0000889	.000164	.0032328	.0079996
%RSD	6.683651	41.33648	29.17621	54.90690	616.0361	64.15857	23.26464

#1	-.000129	-.000074	.0227015	.0001238	.000134	.0083548	.0251512
#2	-.000148	-.000125	.0382418	.0002635	-.000021	.0018963	.0387933
#3	-.000142	-.000057	.0411886	.0000984	-.000193	.0048651	.0392112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004445	-.064559	-.000219	.0000117	-.150548	.0053308	-.006422
Stddev	.0008540	.011188	.000319	.0003803	.302752	.0072600	.009387
%RSD	192.1485	17.32968	145.4237	3238.652	201.1002	136.1883	146.1769

#1	.0006830	-.053359	-.000573	.0003378	-.324070	.0126245	-.009086
#2	.0011539	-.075734	.000046	-.000406	-.326611	.0052630	-.014188
#3	-.000503	-.064583	-.000131	.000104	.199037	-.001895	.004010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.16922	-.000194	-.004242	.0000633	-.001677	-.001155	.0007297
Stddev	.05193	.002305	.001125	.0001462	.003057	.000683	.0006494
%RSD	4.441668	1189.181	26.51399	230.9995	182.3502	59.14455	88.99360

#1	-1.21824	.001328	-.004767	.0000908	.000729	-.000864	.0014787
#2	-1.17463	-.002845	-.002951	-.000095	-.005117	-.001936	.0003236
#3	-1.11480	.000936	-.005008	.000194	-.000642	-.000666	.0003869

Sample Name: PB108543BL Acquired: 4/26/2018 12:55:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000851	-.002263	-.000024
Stddev	.001568	.001080	.000004
%RSD	184.2901	47.73026	16.63121

#1	-.001952	-.001098	-.000025
#2	-.001546	-.002461	-.000028
#3	.000945	-.003231	-.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.159	2655.729	36533.68	5081.925	3853.274
Stddev	52.129	33.658	1365.10	42.971	45.848
%RSD	3.592261	1.267357	3.736560	.8455575	1.189840

#1	1478.501	2686.494	37296.64	5032.675	3894.287
#2	1483.928	2619.780	37346.75	5111.775	3803.777
#3	1391.046	2660.912	34957.66	5101.325	3861.757

Sample Name: PB108543BS Acquired: 4/26/2018 12:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0175534	.0478252	.0192352	.0619703	.1086624	.4017831
Stddev	.0018539	.0029036	.0004288	.0025649	.0013602	.0023289
%RSD	10.56127	6.071372	2.229262	4.138990	1.251810	.5796507

#1	.0190652	.0501025	.0190576	.0649320	.1070947	.4006185
#2	.0181099	.0445554	.0189238	.0604927	.1095296	.4002662
#3	.0154850	.0488176	.0197243	.0604862	.1093630	.4044646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3708147	.0092875	.0090606	10.63142	.0200781	.0895406
Stddev	.0023743	.0001302	.0001222	.05173	.0008036	.0001840
%RSD	.6402954	1.401929	1.348945	.4866101	4.002238	.2055380

#1	.3682989	.0094085	.0091964	10.60027	.0191624	.0896593
#2	.3711291	.0091497	.0089593	10.60285	.0206655	.0896340
#3	.3730162	.0093043	.0090262	10.69114	.0204065	.0893286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540520	F .2704580	.0318134	9.274107	.0749021	.0177946
Stddev	.0047989	.0278858	.0006559	.058920	.0000858	.0001094
%RSD	8.878238	10.31060	2.061835	.6353182	.1144930	.6147562

#1	.0489666	.2986114	.0311241	9.312131	.0749728	.0177933
#2	.0546887	.2699150	.0324299	9.206236	.0748067	.0179046
#3	.0585008	.2428477	.0318862	9.303954	.0749268	.0176858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.707241	.1047811	.1337169	7.892111	F .0125849	F .0146297
Stddev	.245558	.0048202	.0074571	.034222	.0004897	.0006683
%RSD	2.820162	4.600289	5.576785	.4336241	3.891530	4.568422

#1	8.846354	.1087433	.1362080	7.893179	.0120413	.0144072
#2	8.423711	.1061854	.1253331	7.857367	.0127215	.0141010
#3	8.851657	.0994147	.1396095	7.925787	.0129918	.0153810

Sample Name: PB108543BS Acquired: 4/26/2018 12:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0199934	.1572105	.1739682	F .0141812	.1939002	.0859306
Stddev	.0002655	.0058521	.0019139	.0008812	.0013219	.0008978
%RSD	1.327891	3.722450	1.100135	6.213666	.6817154	1.044836

#1	.0202823	.1518476	.1755554	.0132365	.1940771	.0865449
#2	.0197602	.1634523	.1718429	.0149809	.1924988	.0849002
#3	.0199376	.1563316	.1745064	.0143261	.1951246	.0863468

Elem	Sr4077
Units	ppm
Avg	.1929645
Stddev	.0006378
%RSD	.3305145

#1	.1926810
#2	.1925177
#3	.1936949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.806	2663.032	36965.09	5059.833	3788.363
Stddev	6.008	6.132	82.51	9.405	5.568
%RSD	.4071003	.2302480	.2232212	.1858855	.1469843

#1	1468.960	2656.694	37032.28	5061.800	3787.133
#2	1480.202	2668.933	36989.99	5068.100	3794.444
#3	1478.255	2663.470	36872.99	5049.600	3783.513

Sample Name: J2446-03 Acquired: 4/26/2018 13:16:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1319517	-.009651	3.295461	.0155480	.0146474	76.65913	3.629465
Stddev	.0025298	.003462	.017037	.0066842	.0023313	.71645	.033654
%RSD	1.917238	35.87260	.5169788	42.99074	15.91610	.9345967	.9272357

#1	.1348495	-.011734	3.291104	.0227623	.0170606	76.17262	3.602782
#2	.1308227	-.011564	3.281026	.0095652	.0144739	77.48186	3.667272
#3	.1301830	-.005654	3.314253	.0143166	.0124077	76.32292	3.618341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148065	.0327110	167.2106	.2916292	.1106204	.9213823	424.6983
Stddev	.0003265	.0003274	1.6972	.0003595	.0009913	.0082506	3.5801
%RSD	2.205170	1.000868	1.015014	.1232714	.8961500	.8954617	.8429631

#1	.0148442	.0328854	166.0469	.2917805	.1111107	.9139309	423.3643
#2	.0151125	.0323334	169.1581	.2918883	.1094795	.9302490	428.7538
#3	.0144628	.0329144	166.4270	.2912188	.1112710	.9199671	421.9768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.079260	24.37369	.2392091	.0119598	2.611388	.2829736	11.63333
Stddev	.087132	.35124	.0016384	.0003047	.243077	.0069155	.10027
%RSD	.9596788	1.441078	.6849157	2.547508	9.308360	2.443867	.8618860

#1	9.041595	24.34380	.2384212	.0117203	2.633827	.2752417	11.74899
#2	9.178889	24.73892	.2381135	.0118562	2.842468	.2885681	11.57105
#3	9.017298	24.03835	.2410926	.0123027	2.357869	.2851110	11.57995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.181661	10.47426	.0975798	.0218053	8.497671	2.217910	.3637904
Stddev	.115949	.08194	.0051527	.0003109	.045819	.033233	.0014795
%RSD	1.262832	.7822946	5.280542	1.425965	.5391903	1.498402	.4066856

#1	9.077484	10.45220	.1033459	.0218892	8.518229	2.188472	.3652326
#2	9.306582	10.40560	.0959674	.0214610	8.445174	2.253948	.3622762
#3	9.160918	10.56497	.0934260	.0220656	8.529610	2.211310	.3638623

Sample Name: J2446-03 Acquired: 4/26/2018 13:16:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.026705	.0917557	1.264776
Stddev	.010310	.0008486	.008144
%RSD	1.004205	.9249032	.6438844

#1	1.026174	.0909938	1.258135
#2	1.037270	.0926704	1.273862
#3	1.016670	.0916031	1.262330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.830	2876.602	40406.55	5711.451	3427.106
Stddev	15.789	12.549	104.43	41.649	15.892
%RSD	.9862743	.4362549	.2584440	.7292252	.4637089

#1	1584.498	2877.928	40294.41	5736.524	3423.851
#2	1616.013	2888.436	40501.01	5663.373	3444.373
#3	1601.979	2863.443	40424.22	5734.456	3413.094

Sample Name: J2446-04 Acquired: 4/26/2018 13:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2050291	-.001608	2.026598	.0182745	.0135221	76.95098	2.644742
Stddev	.0033574	.003582	.002618	.0025694	.0019249	.43012	.018124
%RSD	1.637543	222.7247	.1291994	14.06028	14.23503	.5589590	.6852715

#1	.2083126	.002476	2.026149	.0201698	.0114970	76.46714	2.624504
#2	.2051724	-.003083	2.024233	.0153500	.0137413	77.09577	2.659474
#3	.2016023	-.004217	2.029411	.0193037	.0153280	77.29002	2.650249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160917	.0196872	76.97839	.4134857	.1236081	.8046475	369.8477
Stddev	.0003112	.0002232	.54521	.0222570	.0000683	.0095979	2.6146
%RSD	1.934044	1.133696	.7082696	5.382782	.0552631	1.192814	.7069419

#1	.0160573	.0195084	76.35898	.4008727	.1236828	.7944388	367.5976
#2	.0157991	.0199373	77.38558	.4004001	.1235930	.8060158	369.2297
#3	.0164187	.0196158	77.19061	.4391845	.1235487	.8134879	372.7160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87068	6.492197	.1545711	.0143745	2.010032	.4143906	6.221979
Stddev	.07300	.021065	.0005561	.0003436	.147445	.0047831	.222592
%RSD	.6715359	.3244686	.3597825	2.390528	7.335473	1.154239	3.577505

#1	10.79054	6.475306	.1540649	.0139917	2.132317	.4088921	6.121079
#2	10.93338	6.515800	.1551664	.0146563	2.051481	.4166895	6.067707
#3	10.88812	6.485484	.1544821	.0144756	1.846299	.4175901	6.477152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.390180	8.224904	.0100374	.0198495	4.762891	1.815712	.1697932
Stddev	.075550	.020932	.0091522	.0001621	.018646	.031578	.0018056
%RSD	.9004605	.2544916	91.18064	.8166608	.3914902	1.739126	1.063428

#1	8.303916	8.206032	.0178471	.0196731	4.749149	1.786076	.1677371
#2	8.444572	8.247418	.0122984	.0199919	4.755406	1.812135	.1705220
#3	8.422051	8.221263	-.000033	.0198836	4.784116	1.848926	.1711206

Sample Name: J2446-04 Acquired: 4/26/2018 13:20:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9352573	.1221471	.9484386
Stddev	.0043262	.0022570	.0059139
%RSD	.4625686	1.847760	.6235389

#1	.9304756	.1196534	.9416388
#2	.9389002	.1227381	.9523821
#3	.9363960	.1240498	.9512951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.465	2890.015	39484.13	5679.245	3565.397
Stddev	63.097	10.411	1550.11	52.703	7.677
%RSD	3.997376	.3602431	3.925904	.9279905	.2153337

#1	1606.335	2878.086	40247.73	5720.443	3557.543
#2	1622.829	2897.272	40504.31	5697.435	3572.885
#3	1506.232	2894.686	37700.36	5619.856	3565.763

Sample Name: J2446-05 Acquired: 4/26/2018 13:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2427140	-.007183	3.427529	.0154421	.0165136	85.28684	3.485829
Stddev	.0054823	.002001	.004983	.0023825	.0019771	.15997	.003843
%RSD	2.258757	27.86111	.1453818	15.42829	11.97230	.1875621	.1102361

#1	.2467465	-.008939	3.433006	.0167539	.0187792	85.29771	3.481900
#2	.2449238	-.007604	3.423264	.0126921	.0151379	85.44109	3.486008
#3	.2364716	-.005004	3.426316	.0168804	.0156237	85.12171	3.489579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166729	.0353690	124.1617	.4698568	.1277712	1.084958	403.9928
Stddev	.0001730	.0001624	.3559	.0011929	.0006804	.009019	2.7302
%RSD	1.037374	.4590457	.2866591	.2538849	.5325316	.8312691	.6758136

#1	.0167111	.0352730	123.9525	.4705506	.1285517	1.082563	403.8107
#2	.0164841	.0352775	123.9600	.4684793	.1273030	1.094933	406.8096
#3	.0168236	.0355565	124.5727	.4705404	.1274588	1.077378	401.3583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21089	13.55000	.2269285	.0137998	3.269159	.4286038	8.366159
Stddev	.06476	.05334	.0001275	.0004002	.125423	.0048326	.077535
%RSD	.5303068	.3936410	.0561916	2.899672	3.836557	1.127519	.9267733

#1	12.15538	13.51930	.2268685	.0142324	3.157103	.4313336	8.349040
#2	12.19526	13.61159	.2268420	.0137242	3.245730	.4230241	8.450823
#3	12.28203	13.51912	.2270749	.0134429	3.404645	.4314538	8.298614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71715	8.545422	.0272425	.0238261	6.009145	2.811801	.3346046
Stddev	.04556	.009755	.0059307	.0003914	.022343	.002017	.0012198
%RSD	.4251017	.1141580	21.77014	1.642751	.3718120	.0717175	.3645543

#1	10.67364	8.534194	.0299203	.0234026	6.034915	2.811033	.3354480
#2	10.76451	8.550250	.0313621	.0239011	5.995200	2.810282	.3351597
#3	10.71330	8.551821	.0204451	.0241745	5.997321	2.814089	.3332059

Sample Name: J2446-05 Acquired: 4/26/2018 13:24:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.139440	.1316204	1.273862
Stddev	.003171	.0005587	.002466
%RSD	.2783049	.4244482	.1936040

#1	1.140260	.1313269	1.271378
#2	1.142121	.1322646	1.276310
#3	1.135940	.1312696	1.273896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.560	2881.373	40547.44	5734.176	3459.649
Stddev	6.010	5.203	67.38	21.616	4.495
%RSD	.3722643	.1805887	.1661831	.3769686	.1299326

#1	1615.687	2876.423	40618.75	5734.675	3454.523
#2	1619.927	2880.897	40538.73	5755.539	3462.917
#3	1608.065	2886.798	40484.84	5712.315	3461.508

Sample Name: CCV035 Acquired: 4/26/2018 13:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832374	4.900239	24.12584	4.845582	4.871065	403.6617
Stddev	.009310	.028399	.03784	.019886	.024032	1.6128
%RSD	.1926517	.5795378	.1568537	.4103951	.4933667	.3995380

#1	4.843078	4.874126	24.15876	4.867191	4.898791	401.8244
#2	4.826166	4.930473	24.13426	4.841503	4.858200	404.8438
#3	4.827878	4.896117	24.08450	4.828051	4.856204	404.3168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.701937	.5027382	2.448232	393.3010	14.66406	2.439767
Stddev	.030912	.0047041	.008044	3.0084	.03032	.007038
%RSD	.3186128	.9356851	.3285541	.7649070	.2067675	.2884698

#1	9.666499	.4977933	2.456994	389.8687	14.69263	2.445885
#2	9.723350	.5071571	2.446517	395.4806	14.66732	2.441340
#3	9.715962	.5032643	2.441183	394.5538	14.63225	2.432076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83060	420.3504	14.41032	413.5477	2.440126	1.223059
Stddev	.06335	.7601	.13402	.4421	.006474	.004763
%RSD	.4271739	.1808209	.9300615	.1068939	.2653025	.3894485

#1	14.77102	419.5771	14.25671	413.0545	2.447329	1.227138
#2	14.82365	420.3776	14.50342	413.6803	2.438253	1.224215
#3	14.89715	421.0966	14.47083	413.9082	2.434795	1.217824

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.8819	2.487075	15.28838	151.8958	F 2.788620	4.875125
Stddev	.6251	.002284	.05978	.2869	.010423	.032828
%RSD	.1532498	.0918427	.3910125	.1888940	.3737811	.6733756

#1	407.2811	2.485007	15.33354	151.5775	2.789353	4.837835
#2	407.8359	2.486691	15.31102	152.1346	2.798658	4.899668
#3	408.5287	2.489527	15.22059	151.9752	2.777850	4.887871

Sample Name: CCV035 Acquired: 4/26/2018 13:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861748	5.144142	4.962784	4.912551	4.937416	4.972368
Stddev	.024617	.023880	.051352	.014597	.025862	.010016
%RSD	.5063421	.4642096	1.034743	.2971405	.5237956	.2014277

#1	4.890102	5.151829	4.911537	4.927583	4.907562	4.968638
#2	4.849317	5.163231	5.014241	4.911639	4.951726	4.964752
#3	4.845826	5.117365	4.962573	4.898431	4.952961	4.983713

Elem	Sr4077
Units	ppm
Avg	4.933904
Stddev	.008494
%RSD	.1721523

#1	4.924098
#2	4.938982
#3	4.938631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.623	2260.262	32345.87	4716.642	2838.516
Stddev	3.194	7.215	120.83	32.708	6.561
%RSD	.2568353	.3192289	.3735539	.6934601	.2311379

#1	1242.077	2252.109	32258.50	4749.800	2831.938
#2	1241.496	2262.851	32483.76	4684.404	2838.552
#3	1247.296	2265.825	32295.35	4715.723	2845.060

Sample Name: CCB035 Acquired: 4/26/2018 13:31:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000158	.0036271	.0013906	-.000900	.0008197	.0112539	-.000646
Stddev	.001295	.0011908	.0022968	.001647	.0012670	.0055408	.000273
%RSD	820.9275	32.82940	165.1634	183.0326	154.5643	49.23454	42.36224

#1	-.000455	.0028453	.0013636	-.000892	.0010502	.0140956	-.000437
#2	.001260	.0030385	.0037008	.000743	-.000547	.0147973	-.000955
#3	-.001278	.0049976	-.000893	-.002552	.001956	.0048688	-.000544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	-.000121	.0938547	.0001198	.0000599	.0035701	.0279424
Stddev	.0000464	.000087	.0038417	.0002835	.0001906	.0010574	.0202927
%RSD	175.7381	71.70105	4.093250	236.6698	318.2711	29.61935	72.62352

#1	-.000027	-.000191	.0917594	.0004442	-.000090	.0037720	.0324223
#2	.000046	-.000148	.0915163	-.000004	-.000005	.0024263	.0456208
#3	.000060	-.000024	.0982886	-.000080	.000274	.0045121	.0057840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000323	-.030886	-.000184	-.000225	-.070895	.0032299	-.001525
Stddev	.000972	.027463	.000571	.000244	.084168	.0057055	.004765
%RSD	301.0192	88.91772	311.0083	108.4921	118.7226	176.6494	312.3668

#1	-.000092	-.000816	.000205	-.000123	-.161742	-.003291	-.005287
#2	.000513	-.054642	.000084	-.000048	.004435	.007303	-.003122
#3	-.001390	-.037201	-.000839	-.000503	-.055378	.005677	.003833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.418871	-.003946	.0008763	.0001643	-.004363	-.006844	.0001902
Stddev	.012778	.000537	.0007481	.0000629	.002957	.000193	.0002637
%RSD	3.050526	13.60516	85.37062	38.31201	67.77853	2.814189	138.6818

#1	-.420292	-.004346	.0000707	.0002291	-.003538	-.006992	.0004581
#2	-.430879	-.003336	.0015491	.0001602	-.007645	-.006915	.0001815
#3	-.405443	-.004157	.0010092	.0001034	-.001906	-.006626	-.000069

Sample Name: CCB035 Acquired: 4/26/2018 13:31:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0006798	-.000666	.0000609
Stddev	.0014081	.000822	.0001364
%RSD	207.1284	123.3684	223.8676

#1	-.000288	-.000542	.0002180
#2	.002295	.000087	-.000007
#3	.000032	-.001544	-.000028

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.801	2732.040	37280.00	4987.650	3917.728
Stddev	5.231	5.094	173.00	33.266	2.336
%RSD	.3460277	.1864380	.4640593	.6669721	.0596195

#1	1505.780	2726.850	37099.41	4988.850	3917.463
#2	1514.396	2737.031	37296.34	4953.800	3920.185
#3	1515.228	2732.238	37444.25	5020.300	3915.536

Sample Name: J2446-06 Acquired: 4/26/2018 13:36:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176162	.0102277	2.042511	.0114332	.0109899	76.69640	2.252547
Stddev	.0053711	.0041950	.023841	.0023509	.0013265	.20481	.008061
%RSD	4.566627	41.01573	1.167262	20.56218	12.07004	.2670442	.3578482

#1	.1116179	.0054009	2.023617	.0132561	.0112912	76.50680	2.260103
#2	.1219808	.0122882	2.034617	.0087797	.0121398	76.66878	2.253475
#3	.1192499	.0129938	2.069298	.0122637	.0095386	76.91362	2.244062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128996	.0120424	56.01296	.2899874	.1227535	.5039961	230.1003
Stddev	.0001619	.0002836	.15190	.0017967	.0012950	.0008058	1.4766
%RSD	1.255219	2.355158	.2711808	.6195660	1.054953	.1598796	.6417313

#1	.0127128	.0117721	55.98100	.2888877	.1217903	.5035109	228.8303
#2	.0129999	.0120173	56.17830	.2890138	.1222445	.5035513	229.7499
#3	.0129861	.0123377	55.87960	.2920607	.1242256	.5049263	231.7206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.61371	7.776798	.1156969	.0054892	1.475013	.2850151	5.077931
Stddev	.07037	.144720	.0015412	.0004564	.360511	.0018370	.063009
%RSD	.5578966	1.860921	1.332083	8.313686	24.44121	.6445147	1.240837

#1	12.61883	7.817426	.1142438	.0053410	1.315340	.2828949	5.005180
#2	12.68138	7.616106	.1155338	.0051253	1.221913	.2861302	5.113517
#3	12.54092	7.896862	.1173132	.0060012	1.887785	.2860203	5.115095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.118524	4.787626	.0052343	.0146649	6.417698	2.427717	.0829439
Stddev	.043003	.079698	.0014219	.0002289	.094409	.007946	.0016098
%RSD	.7028382	1.664658	27.16461	1.560627	1.471078	.3273200	1.940814

#1	6.100089	4.732978	.0043501	.0148779	6.359756	2.436180	.0817259
#2	6.087811	4.750826	.0044784	.0144230	6.366699	2.420416	.0823367
#3	6.167671	4.879074	.0068745	.0146939	6.526639	2.426553	.0847689

Sample Name: J2446-06 Acquired: 4/26/2018 13:36:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8879558	.0901422	.3694620
Stddev	.0021986	.0006030	.0003156
%RSD	.2476026	.6689066	.0854300

#1	.8854295	.0894473	.3694035
#2	.8890016	.0905275	.3698029
#3	.8894362	.0904518	.3691798

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.313	2948.660	41116.74	5603.983	3591.093
Stddev	11.477	27.453	179.38	29.682	31.078
%RSD	.6988289	.9310388	.4362789	.5296587	.8654326

#1	1655.222	2960.531	41323.81	5627.296	3605.886
#2	1638.456	2968.180	41008.52	5570.569	3612.012
#3	1633.262	2917.269	41017.90	5614.084	3555.382

Sample Name: J2446-07 Acquired: 4/26/2018 13:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809293	.0067742	.3250638	.0102214	.0088939	84.22288	.8497226
Stddev	.0018398	.0043966	.0034346	.0018828	.0014964	.42279	.0031746
%RSD	2.273396	64.90123	1.056594	18.41973	16.82500	.5019928	.3736069

#1	.0822554	.0067087	.3290275	.0088607	.0087915	83.73472	.8476104
#2	.0817037	.0024108	.3231980	.0094334	.0104390	84.46160	.8533733
#3	.0788288	.0112032	.3229659	.0123701	.0074514	84.47232	.8481840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124962	-.001057	6.266451	.4057920	.1890682	.0346002	294.5410
Stddev	.0001763	.000087	.057623	.0012331	.0005709	.0015094	2.2039
%RSD	1.411090	8.182818	.9195448	.3038809	.3019770	4.362384	.7482369

#1	.0124664	-.000978	6.306754	.4065439	.1884091	.0329175	292.2505
#2	.0126855	-.001045	6.200451	.4043689	.1893856	.0350482	294.7258
#3	.0123366	-.001150	6.292149	.4064632	.1894099	.0358349	296.6466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34665	3.019974	.0671877	.0037834	1.036321	.4097341	.2817574
Stddev	.11489	.073510	.0000590	.0001820	.106391	.0068123	.0126716
%RSD	.7028568	2.434113	.0878106	4.809292	10.26624	1.662619	4.497344

#1	16.32630	3.086474	.0671711	.0038430	1.138978	.4093179	.2963859
#2	16.47037	2.941041	.0671388	.0039280	1.043434	.4031394	.2747143
#3	16.24330	3.032407	.0672532	.0035791	.926552	.4167449	.2741719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.090503	1.253715	-.027188	.0209696	.5218649	1.918755	.0067103
Stddev	.086077	.002913	.006786	.0003493	.0027964	.017205	.0000980
%RSD	4.117549	.2323262	24.96015	1.665831	.5358451	.8966802	1.460181

#1	2.014124	1.250956	-.031265	.0209385	.5189594	1.899613	.0066066
#2	2.183775	1.256761	-.030945	.0206369	.5220978	1.923723	.0068014
#3	2.073610	1.253428	-.019354	.0213334	.5245376	1.932930	.0067229

Sample Name: J2446-07 Acquired: 4/26/2018 13:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4052183	.0311295	.0658111
Stddev	.0045547	.0016580	.0002200
%RSD	1.124006	5.326254	.3343084

#1	.4008956	.0296668	.0656224
#2	.4099740	.0307909	.0657581
#3	.4047853	.0329306	.0660528

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.479	2903.737	40449.99	5502.650	3625.488
Stddev	2.648	7.514	97.01	38.199	2.016
%RSD	.1630369	.2587704	.2398392	.6941875	.0556054

#1	1621.629	2896.574	40341.49	5522.890	3623.187
#2	1626.865	2911.559	40480.10	5458.591	3626.329
#3	1624.943	2903.078	40528.38	5526.470	3626.947

Sample Name: J2446-08 Acquired: 4/26/2018 13:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987077	.0079336	4.302626	.0064350	.0092533	69.09194	1.545009
Stddev	.0059282	.0026239	.010022	.0036770	.0010459	.14240	.001789
%RSD	6.005847	33.07273	.2329377	57.14149	11.30249	.2061093	.1157794

#1	.1053418	.0103569	4.301083	.0031338	.0092629	68.93052	1.543538
#2	.0939295	.0051470	4.293465	.0103980	.0082027	69.14548	1.547000
#3	.0968517	.0082969	4.313331	.0057732	.0102943	69.19981	1.544489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118538	.0058445	28.32133	.2596331	.1261717	.2253709	212.8621
Stddev	.0001060	.0000749	.04303	.0017510	.0001236	.0019768	.8235
%RSD	.8943053	1.280651	.1519181	.6744146	.0979336	.8771334	.3868493

#1	.0117351	.0059308	28.27266	.2588768	.1261048	.2270370	211.9151
#2	.0118872	.0057965	28.35427	.2616352	.1263142	.2231866	213.2607
#3	.0119391	.0058063	28.33708	.2583874	.1260959	.2258892	213.4103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.93285	4.900324	.0787237	.0044421	.7928764	.2787590	2.661810
Stddev	.01364	.054843	.0008291	.0003597	.1257904	.0075912	.012209
%RSD	.0979100	1.119171	1.053172	8.098659	15.86507	2.723227	.4586855

#1	13.93055	4.864034	.0780955	.0048000	.7485551	.2812618	2.667422
#2	13.92051	4.963414	.0784122	.0040805	.6952459	.2702324	2.670205
#3	13.94750	4.873525	.0796635	.0044458	.9348283	.2847829	2.647804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.017935	2.706950	-.004657	.0104604	1.717950	2.411097	.0807005
Stddev	.023050	.011221	.003208	.0002638	.009251	.009549	.0014136
%RSD	.7637640	.4145200	68.88209	2.522192	.5385171	.3960547	1.751711

#1	2.996280	2.702053	-.008311	.0102072	1.720342	2.420570	.0794404
#2	3.042164	2.699010	-.002307	.0104402	1.707738	2.401473	.0804318
#3	3.015362	2.719787	-.003353	.0107337	1.725771	2.411246	.0822291

Sample Name: J2446-08 Acquired: 4/26/2018 13:44:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5983731	.0588652	.1698694
Stddev	.0017564	.0010253	.0006241
%RSD	.2935314	1.741724	.3674025

#1	.5963575	.0591326	.1692855
#2	.5995758	.0597304	.1705271
#3	.5991859	.0577328	.1697955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1660.025	2961.427	41456.34	5696.515	3642.123
Stddev	12.451	3.510	100.93	19.770	.935
%RSD	.7500767	.1185257	.2434670	.3470578	.0256595

#1	1655.499	2964.491	41424.18	5697.299	3643.007
#2	1650.470	2962.192	41375.41	5676.365	3642.218
#3	1674.107	2957.597	41569.43	5715.882	3641.145

Sample Name: J2446-09 Acquired: 4/26/2018 13:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1455912	-.001640	1.996790	.0145405	.0180411	78.78283	2.299057
Stddev	.0057405	.001663	.086785	.0013623	.0030138	.02057	.002785
%RSD	3.942865	101.4224	4.346222	9.368876	16.70504	.0261160	.1211162

#1	.1449576	-.000633	1.944535	.0151498	.0170130	78.78888	2.300653
#2	.1401939	-.000727	1.948866	.0154918	.0214344	78.75990	2.295841
#3	.1516222	-.003559	2.096969	.0129799	.0156760	78.79970	2.300676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150351	.0143042	51.86182	.3845638	.1322451	.8168238	386.7157
Stddev	.0003069	.0011262	.02325	.0018787	.0058600	.0008036	.6334
%RSD	2.040940	7.873272	.0448337	.4885174	4.431154	.0983765	.1637783

#1	.0153541	.0137791	51.84488	.3839005	.1285905	.8169876	385.9898
#2	.0150091	.0135364	51.88833	.3866842	.1291406	.8175328	387.1556
#3	.0147420	.0155970	51.85226	.3831068	.1390042	.8159509	387.0017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.60664	7.778847	.1495420	.0094533	1.986341	.3687753	5.674326
Stddev	.04459	.063248	.0055292	.0002834	.185763	.0030678	.124740
%RSD	.3536967	.8130776	3.697416	2.998094	9.352014	.8318760	2.198325

#1	12.64109	7.723840	.1462668	.0097726	1.780321	.3706422	5.530414
#2	12.62254	7.764747	.1464334	.0093559	2.141069	.3652347	5.741082
#3	12.55627	7.847956	.1559259	.0092315	2.037632	.3704490	5.751483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.541178	5.339703	.0046086	.0185086	7.462382	2.306713	.1409140
Stddev	.019974	.196819	.0137250	.0007889	.302912	.030327	.0052483
%RSD	.3604638	3.685954	297.8113	4.262565	4.059189	1.314739	3.724505

#1	5.551337	5.212407	-.011026	.0181274	7.282768	2.341020	.1383041
#2	5.518167	5.240304	.010182	.0179826	7.292266	2.283476	.1374822
#3	5.554030	5.566399	.014670	.0194157	7.812112	2.295643	.1469556

Sample Name: J2446-09 Acquired: 4/26/2018 13:48:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8515607	.0856415	.3869382
Stddev	.0023441	.0006946	.0008129
%RSD	.2752659	.8110936	.2100878

#1	.8532636	.0858676	.3877431
#2	.8525312	.0848620	.3861175
#3	.8488872	.0861949	.3869540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.240	2844.600	41027.68	5670.814	3485.504
Stddev	14.814	89.822	308.83	43.993	118.688
%RSD	.9064794	3.157623	.7527291	.7757812	3.405180

#1	1649.970	2895.933	41296.39	5624.353	3556.740
#2	1620.555	2896.983	40690.29	5676.259	3551.281
#3	1632.194	2740.885	41096.35	5711.832	3348.492

Sample Name: J2446-10 Acquired: 4/26/2018 13:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1415228	-.003707	2.353362	.0149506	.0144550	74.63140	3.595608
Stddev	.0051060	.003177	.005622	.0043557	.0036102	.07577	.010808
%RSD	3.607891	85.69993	.2388994	29.13403	24.97510	.1015244	.3005756

#1	.1457063	-.000754	2.347958	.0196550	.0116964	74.66767	3.584465
#2	.1358331	-.003298	2.352948	.0141393	.0185409	74.68222	3.596313
#3	.1430288	-.007068	2.359179	.0110576	.0131278	74.54432	3.606046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154606	.0154358	84.44102	.3389919	.1273525	.8190525	324.9926
Stddev	.0000507	.0002109	.23557	.0008509	.0006225	.0035317	.5683
%RSD	.3279487	1.366406	.2789814	.2510055	.4887732	.4311916	.1748794

#1	.0155167	.0153932	84.24245	.3393744	.1267395	.8150121	325.5236
#2	.0154472	.0152496	84.37931	.3380169	.1273341	.8215515	325.0611
#3	.0154179	.0156649	84.70131	.3395845	.1279840	.8205938	324.3932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.035149	10.59593	.1848675	.0097080	2.367840	.3124323	7.683491
Stddev	.059670	.06832	.0003452	.0005402	.126975	.0038561	.046644
%RSD	.6604176	.6447401	.1867068	5.564219	5.362501	1.234221	.6070667

#1	8.972547	10.54922	.1847467	.0100101	2.356309	.3080384	7.729779
#2	9.041525	10.56423	.1845991	.0100296	2.500187	.3140052	7.684194
#3	9.091374	10.67433	.1852569	.0090844	2.247023	.3152534	7.636499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.713970	7.229801	.0392762	.0279216	7.907041	1.995921	.1752121
Stddev	.012647	.039008	.0045005	.0001432	.024780	.014533	.0016286
%RSD	.1451365	.5395508	11.45868	.5129680	.3133866	.7281491	.9295036

#1	8.700512	7.215216	.0444653	.0279839	7.893525	1.979144	.1749995
#2	8.725610	7.200187	.0364370	.0277577	7.891958	2.004682	.1737002
#3	8.715788	7.274001	.0369263	.0280231	7.935639	2.003935	.1769365

Sample Name: J2446-10 Acquired: 4/26/2018 13:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7984752	.1038454	.8859210
Stddev	.0020858	.0001961	.0028325
%RSD	.2612249	.1888345	.3197215

#1	.7992321	.1036220	.8827022
#2	.8000768	.1039255	.8870279
#3	.7961166	.1039888	.8880328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.966	2911.616	41418.82	5801.788	3532.771
Stddev	3.067	3.517	47.46	21.333	5.099
%RSD	.1875802	.1207788	.1145950	.3677031	.1443392

#1	1637.483	2914.606	41470.51	5821.838	3538.325
#2	1631.550	2907.742	41377.19	5779.369	3531.689
#3	1635.864	2912.499	41408.77	5804.156	3528.300

Sample Name: J2446-11 Acquired: 4/26/2018 13:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718122	.0075752	.3484776	.0097927	.0056135	85.80114	.8256007
Stddev	.0042017	.0018279	.0019251	.0040241	.0013905	.12538	.0036606
%RSD	5.851023	24.12942	.5524171	41.09284	24.77099	.1461275	.4433902

#1	.0676515	.0061265	.3501849	.0136963	.0055206	85.78473	.8273799
#2	.0717312	.0096289	.3463912	.0056581	.0070481	85.68478	.8280317
#3	.0760538	.0069703	.3488566	.0100236	.0042718	85.93392	.8213906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113514	-.000392	9.733350	.2926801	.1811006	.0489957	228.8924
Stddev	.0001265	.000166	.107828	.0016822	.0007796	.0017859	1.7036
%RSD	1.113945	42.27057	1.107825	.5747521	.4304841	3.645108	.7442962

#1	.0113976	-.000277	9.630086	.2908062	.1813588	.0479006	228.3451
#2	.0112084	-.000318	9.845226	.2940600	.1802247	.0480300	227.5296
#3	.0114483	-.000582	9.724737	.2931740	.1817184	.0510566	230.8024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.95890	3.466290	.0683760	.0029286	.8285678	.3391982	.3171853
Stddev	.12023	.055907	.0003199	.0006889	.2046450	.0022568	.0077384
%RSD	.7533808	1.612885	.4677932	23.52305	24.69864	.6653332	2.439702

#1	15.92954	3.517487	.0681651	.0024661	1.021263	.3367435	.3088418
#2	16.09110	3.406636	.0687440	.0025994	.850674	.3396678	.3241269
#3	15.85607	3.474746	.0682188	.0037203	.613767	.3411832	.3185873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.291741	1.125252	-.020995	.0150792	.6364594	2.422837	.0112763
Stddev	.061841	.001186	.006415	.0002435	.0048673	.005838	.0005456
%RSD	2.698412	.1054240	30.55250	1.614604	.7647443	.2409542	4.838453

#1	2.337538	1.125909	-.020259	.0152593	.6313868	2.420482	.0118418
#2	2.316289	1.125965	-.027746	.0148022	.6369000	2.429484	.0112342
#3	2.221395	1.123883	-.014980	.0151760	.6410914	2.418543	.0107530

Sample Name: J2446-11 Acquired: 4/26/2018 13:56:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARS9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4556404	.0347406	.0832240
Stddev	.0013639	.0012390	.0001309
%RSD	.2993457	3.566514	.1572429

#1	.4572120	.0335385	.0833309
#2	.4549435	.0346698	.0832631
#3	.4547657	.0360135	.0830781

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.860	2963.097	40962.66	5609.711	3648.941
Stddev	6.280	4.068	125.35	15.438	5.397
%RSD	.3817804	.1372750	.3059997	.2752046	.1479151

#1	1638.133	2958.427	40819.56	5609.859	3642.762
#2	1645.879	2964.998	41015.43	5594.200	3651.327
#3	1650.568	2965.866	41053.00	5625.075	3652.734

Sample Name: J2446-12 Acquired: 4/26/2018 14:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDART0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923411	-.008776	1.450601	.0103091	.0085904	94.51297	3.772725
Stddev	.0037113	.000095	.001667	.0031907	.0018683	.44302	.007932
%RSD	1.929523	1.083998	.1149474	30.94991	21.74875	.4687350	.2102547

#1	.1951925	-.008757	1.452416	.0066586	.0065619	94.00972	3.780193
#2	.1936859	-.008692	1.450250	.0117038	.0089688	94.84410	3.773584
#3	.1881449	-.008879	1.449137	.0125650	.0102405	94.68507	3.764398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161244	.0097962	50.35633	.4047007	.1352443	.6263958	267.6399
Stddev	.0001922	.0000886	.11916	.0020066	.0009602	.0086903	4.4957
%RSD	1.192091	.9046300	.2366343	.4958150	.7099496	1.387356	1.679743

#1	.0162403	.0098966	50.35528	.4066269	.1363224	.6348052	262.4496
#2	.0162305	.0097287	50.47601	.4048529	.1349291	.6269328	270.3177
#3	.0159026	.0097634	50.23769	.4026224	.1344813	.6174494	270.1523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.013751	6.768489	.1540356	.0064053	1.996852	.4950634	5.805217
Stddev	.040104	.119774	.0005114	.0002264	.083483	.0079247	.041171
%RSD	.4449215	1.769579	.3319709	3.535221	4.180733	1.600753	.7092133

#1	9.045652	6.632211	.1543939	.0061464	2.088764	.4906008	5.763140
#2	9.026870	6.857050	.1534500	.0065665	1.925726	.4903762	5.845419
#3	8.968730	6.816205	.1542630	.0065030	1.976064	.5042132	5.807092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.916119	5.819648	.0118128	.0232129	3.175145	1.538785	.1492306
Stddev	.035767	.004838	.0088466	.0003996	.012077	.011876	.0019577
%RSD	.4518282	.0831280	74.89011	1.721514	.3803540	.7717548	1.311830

#1	7.875880	5.816656	.0027308	.0233754	3.163469	1.528619	.1512693
#2	7.928179	5.825229	.0123040	.0235056	3.187586	1.551838	.1490572
#3	7.944297	5.817058	.0204037	.0227576	3.174378	1.535898	.1473655

Sample Name: J2446-12 Acquired: 4/26/2018 14:00:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDART0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.077063	.1774320	.9138890
Stddev	.012328	.0013230	.0022189
%RSD	1.144579	.7456395	.2428031

#1	1.063406	.1759083	.9130202
#2	1.080415	.1780990	.9164109
#3	1.087369	.1782888	.9122358

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1649.134	2988.557	41300.25	5702.146	3559.532
Stddev	4.220	13.499	137.01	31.998	12.103
%RSD	.2559006	.4516753	.3317502	.5611504	.3400065

#1	1646.043	2972.993	41144.81	5729.623	3545.689
#2	1653.942	2997.074	41403.51	5667.016	3564.798
#3	1647.417	2995.604	41352.42	5709.799	3568.110

Sample Name: J2446-13 Acquired: 4/26/2018 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDART1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166946	.0070183	1.817613	.0082209	.0130119	114.6148	2.057250
Stddev	.0017976	.0046050	.005418	.0040743	.0052287	.3422	.003086
%RSD	1.540427	65.61385	.2980693	49.56047	40.18444	.2985598	.1499940

#1	.1174722	.0050790	1.823086	.0051481	.0072015	114.2279	2.053687
#2	.1179726	.0037002	1.817500	.0066720	.0173382	114.7390	2.059075
#3	.1146392	.0122758	1.812252	.0128425	.0144959	114.8776	2.058987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168714	.0116619	266.0836	.5156850	.0835146	.6338308	377.6430
Stddev	.0000812	.0001319	.6050	.0012367	.0003821	.0070887	1.5441
%RSD	.4812110	1.131216	.2273771	.2398096	.4575154	1.118393	.4088856

#1	.0167777	.0116532	265.4254	.5143375	.0839491	.6257162	375.8606
#2	.0169161	.0117979	266.2099	.5167681	.0832309	.6388179	378.4940
#3	.0169204	.0115344	266.6155	.5159493	.0833638	.6369585	378.5744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.80950	55.23567	.2334853	.0076559	3.628436	.3523644	3.511768
Stddev	.06958	.44071	.0008665	.0000989	.152556	.0054080	.023145
%RSD	.2804403	.7978654	.3711111	1.291972	4.204450	1.534775	.6590674

#1	24.73124	54.72686	.2344793	.0077251	3.469956	.3472385	3.508198
#2	24.86436	55.48278	.2330875	.0077001	3.774281	.3580161	3.536490
#3	24.83290	55.49738	.2328892	.0075426	3.641072	.3518386	3.490615

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36008	3.377113	.0352723	.0370434	9.100038	6.474307	.2839505
Stddev	.06471	.007468	.0034234	.0003186	.030254	.038567	.0019735
%RSD	.6246226	.2211446	9.705593	.8600370	.3324565	.5956911	.6950042

#1	10.28725	3.372624	.0390271	.0374039	9.100999	6.432337	.2830008
#2	10.38202	3.385734	.0323245	.0369261	9.129800	6.508187	.2826314
#3	10.41096	3.372980	.0344654	.0368000	9.069315	6.482399	.2862192

Sample Name: J2446-13 Acquired: 4/26/2018 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDART1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.097075	.1460601	.5641776
Stddev	.012704	.0007761	.0012843
%RSD	.4101819	.5313343	.2276322

#1	3.083681	.1458031	.5628485
#2	3.098592	.1469320	.5642727
#3	3.108952	.1454450	.5654117

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.622	2869.220	39745.17	5596.125	3305.077
Stddev	6.802	12.204	131.92	5.603	6.377
%RSD	.4270758	.4253445	.3319166	.1001281	.1929571

#1	1585.140	2856.643	39601.11	5602.379	3297.726
#2	1598.431	2870.002	39860.07	5591.563	3308.380
#3	1594.295	2881.014	39774.32	5594.431	3309.126

Sample Name: J2446-14 Acquired: 4/26/2018 14:08:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDART2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184841	-.018934	2.052939	.0077791	.0155663	132.1021	2.551234
Stddev	.0051365	.001872	.018712	.0038182	.0015576	.3016	.003363
%RSD	2.350955	9.885403	.9114653	49.08290	10.00626	.2283025	.1317996

#1	.2233467	-.016790	2.038286	.0087666	.0173009	131.7552	2.549022
#2	.2131117	-.019771	2.074017	.0035642	.0142874	132.3022	2.555104
#3	.2189938	-.020242	2.046513	.0110066	.0151105	132.2488	2.549578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256375	.0081437	287.9482	.2828870	.1417115	.7028198	498.5379
Stddev	.0002034	.0001727	.4050	.0010168	.0019506	.0017813	2.7305
%RSD	.7933392	2.120396	.1406674	.3594203	1.376465	.2534448	.5477091

#1	.0258186	.0082374	287.9263	.2821856	.1401715	.7034917	495.4179
#2	.0256764	.0079445	288.3638	.2840531	.1439050	.7041674	500.4914
#3	.0254175	.0082493	287.5546	.2824224	.1410581	.7008004	499.7044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41537	54.53882	.1797699	.0083922	3.512981	.4872009	2.212335
Stddev	.01298	.13318	.0016557	.0003116	.173834	.0047312	.054787
%RSD	.0841974	.2441865	.9210289	3.713234	4.948327	.9710956	2.476432

#1	15.40533	54.38530	.1778655	.0081045	3.702760	.4818666	2.150758
#2	15.43003	54.62326	.1805751	.0087232	3.361469	.4908892	2.255687
#3	15.41074	54.60791	.1808689	.0083489	3.474713	.4888470	2.230560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01196	2.557614	-.005158	.0131489	16.40688	9.480246	.5350633
Stddev	.02652	.016333	.013348	.0001952	.11281	.077530	.0025855
%RSD	.2648986	.6385990	258.8004	1.484318	.6875767	.8178076	.4832116

#1	10.03720	2.548874	-.019900	.0130029	16.30715	9.562130	.5320829
#2	9.98432	2.576457	-.001682	.0133705	16.52932	9.470643	.5364036
#3	10.01436	2.547511	.006109	.0130732	16.38416	9.407965	.5367035

Sample Name: J2446-14 Acquired: 4/26/2018 14:08:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDART2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.019852	.1335511	.5991765
Stddev	.004997	.0006355	.0009131
%RSD	.4899701	.4758764	.1523929

#1	1.015581	.1330871	.5986371
#2	1.025348	.1342755	.6002308
#3	1.018627	.1332908	.5986616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.626	3065.918	42977.52	6076.325	3252.807
Stddev	11.045	18.710	111.02	42.862	24.174
%RSD	.6434136	.6102488	.2583112	.7053892	.7431633

#1	1726.385	3083.498	43105.42	6052.747	3271.830
#2	1704.636	3046.253	42906.09	6050.429	3225.605
#3	1718.859	3068.002	42921.05	6125.800	3260.987

Sample Name: J2446-15 Acquired: 4/26/2018 14:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1954736	-.011188	3.632400	.0121625	.0283201	105.1914	2.390888
Stddev	.0066554	.003227	.031119	.0020808	.0019920	.4288	.008719
%RSD	3.404771	28.84088	.8567192	17.10849	7.033895	.4076109	.3646883

#1	.2026036	-.013378	3.664422	.0100149	.0292311	104.7581	2.384896
#2	.1894252	-.012704	3.630507	.0123033	.0296938	105.6155	2.400891
#3	.1943922	-.007483	3.602269	.0141694	.0260355	105.2008	2.386877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202140	.0125559	471.5930	.2480514	.1069589	.8619109	406.8882
Stddev	.0002206	.0002880	1.3994	.0014053	.0012764	.0025857	2.2793
%RSD	1.091247	2.293956	.2967389	.5665195	1.193325	.3000025	.5601827

#1	.0204408	.0127124	470.6587	.2494658	.1084290	.8596041	404.6169
#2	.0200002	.0127319	473.2019	.2466555	.1061341	.8647060	409.1755
#3	.0202010	.0122236	470.9183	.2480330	.1063134	.8614225	406.8721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.20819	195.7036	.1865255	.0089435	3.279020	.3655898	4.791281
Stddev	.05543	1.3296	.0024269	.0003811	.172747	.0059569	.057654
%RSD	.3420049	.6793899	1.301126	4.260602	5.268245	1.629404	1.203303

#1	16.16917	194.2190	.1893266	.0087456	3.179109	.3681694	4.737646
#2	16.27164	196.7845	.1851997	.0093828	3.179460	.3587779	4.852251
#3	16.18376	196.1075	.1850502	.0087020	3.478491	.3698223	4.783945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.788263	3.093518	.0118330	.0135074	8.426795	9.825350	.9262109
Stddev	.022357	.020752	.0138267	.0001771	.052431	.093632	.0050269
%RSD	.2870664	.6708266	116.8495	1.311405	.6221992	.9529682	.5427350

#1	7.771574	3.108370	.0006930	.0133483	8.471497	9.904544	.9306819
#2	7.813665	3.102376	.0273077	.0136983	8.439805	9.722009	.9271812
#3	7.779550	3.069806	.0074981	.0134755	8.369084	9.849498	.9207696

Sample Name: J2446-15 Acquired: 4/26/2018 14:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.554952	.1462915	.6003221
Stddev	.010503	.0016542	.0014420
%RSD	.6754443	1.130726	.2402035

#1	1.543986	.1461293	.5987066
#2	1.564921	.1447245	.6014791
#3	1.555947	.1480208	.6007806

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.805	2816.071	39953.67	5730.121	3121.825
Stddev	10.510	15.426	53.86	21.434	28.664
%RSD	.6644533	.5477834	.1348083	.3740593	.9181655

#1	1591.433	2802.543	39900.30	5709.549	3093.254
#2	1570.592	2812.800	39952.69	5752.324	3121.639
#3	1583.389	2832.870	40008.01	5728.489	3150.580

Sample Name: J2446-16 Acquired: 4/26/2018 14:16:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3331798	-.018996	1.453404	.0226811	.0352662	111.0058
Stddev	.0053672	.008494	.004873	.0025261	.0016350	.5512
%RSD	1.610914	44.71560	.3353069	11.13732	4.636143	.4965203

#1	.3389411	-.019555	1.447804	.0216501	.0361914	111.0612
#2	.3283211	-.027197	1.455724	.0208336	.0362287	110.4291
#3	.3322770	-.010236	1.456684	.0255596	.0333784	111.5272

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919361	.0188558	.0109337	205.8383	.8710356	.1593638
Stddev	.008166	.0000823	.0002595	1.3025	.0027019	.0002978
%RSD	.4254706	.4363976	2.373016	.6327641	.3101994	.1868776

#1	1.928308	.0187788	.0112035	207.0826	.8682193	.1591411
#2	1.912308	.0189425	.0109115	204.4846	.8736064	.1592483
#3	1.917467	.0188461	.0106860	205.9478	.8712811	.1597021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537981	F 819.0196	26.65709	46.02696	.6553726	.0176042
Stddev	.005795	8.5316	.27721	.51164	.0011896	.0002378
%RSD	.3767835	1.041680	1.039901	1.111603	.1815160	1.350923

#1	1.536882	813.3404	26.92288	45.73117	.6541139	.0175946
#2	1.532815	814.8880	26.36972	45.73196	.6555257	.0173713
#3	1.544247	828.8304	26.67868	46.61775	.6564783	.0178466

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.681389	.6108540	3.238006	10.44559	4.711692	.0302663
Stddev	.208009	.0100322	.013464	.04581	.027100	.0165752
%RSD	3.661243	1.642318	.4158244	.4385256	.5751602	54.76451

#1	5.894060	.6202375	3.224679	10.48020	4.688298	.0113107
#2	5.671729	.6002795	3.251603	10.39365	4.705390	.0420357
#3	5.478378	.6120451	3.237735	10.46293	4.741387	.0374525

Sample Name: J2446-16 Acquired: 4/26/2018 14:16:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS21 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882752	8.828040	12.44620	.3356822	4.068111	.1538068
Stddev	.0005084	.030735	.07690	.0011682	.019219	.0013827
%RSD	.5759715	.3481539	.6178941	.3480036	.4724378	.8989872

#1	.0876909	8.799884	12.45041	.3353870	4.079406	.1553692
#2	.0886167	8.823408	12.36728	.3346900	4.045920	.1527408
#3	.0885180	8.860828	12.52091	.3369697	4.079007	.1533104

Elem	Sr4077
Units	ppm
Avg	.4725526
Stddev	.0019214
%RSD	.4066050

#1	.4738083
#2	.4703407
#3	.4735089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.528	2760.006	39399.11	5618.850	3282.482
Stddev	8.062	3.870	116.45	73.412	3.790
%RSD	.5203066	.1402225	.2955613	1.306529	.1154671

#1	1544.678	2755.769	39342.18	5575.563	3280.325
#2	1558.835	2760.896	39533.07	5703.612	3286.858
#3	1545.071	2763.354	39322.08	5577.374	3280.261

Sample Name: J2446-17 Acquired: 4/26/2018 14:20:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374657	-.001611	1.660082	.0170539	.0111515	87.31564	1.855255
Stddev	.0025712	.002120	.006116	.0032799	.0014781	.28903	.014310
%RSD	1.870399	131.5895	.3683979	19.23253	13.25442	.3310220	.7713150

#1	.1403726	-.001468	1.653081	.0135888	.0094594	87.64899	1.869747
#2	.1354893	.000434	1.662780	.0201103	.0118041	87.13475	1.841135
#3	.1365353	-.003799	1.664385	.0174627	.0121908	87.16320	1.854885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142534	.0160856	120.4687	.3204267	.0789801	.6546010	319.4411
Stddev	.0000617	.0000775	.9117	.0002036	.0007348	.0039232	3.1825
%RSD	.4327726	.4817842	.7567650	.0635565	.9303852	.5993265	.9962706

#1	.0142783	.0161730	121.2939	.3205039	.0781487	.6577474	318.0498
#2	.0141832	.0160254	119.4901	.3201957	.0792491	.6558502	323.0824
#3	.0142987	.0160584	120.6222	.3205804	.0795425	.6502053	317.1912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.33443	31.84597	.1893936	.0086523	2.510522	.3120870	4.706250
Stddev	.14674	.32165	.0014740	.0004364	.268626	.0047377	.047983
%RSD	1.100496	1.010022	.7782682	5.043710	10.70000	1.518061	1.019559

#1	13.45529	31.57383	.1880212	.0081721	2.736964	.3080904	4.716069
#2	13.17115	32.20094	.1909516	.0087601	2.213718	.3173204	4.748564
#3	13.37685	31.76315	.1892079	.0090247	2.580885	.3108501	4.654117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.049055	3.729494	.0263043	.0230363	8.283513	4.662541	.1502360
Stddev	.027718	.022351	.0082188	.0001210	.009712	.039796	.0016617
%RSD	.4582208	.5993120	31.24497	.5253585	.1172435	.8535366	1.106035

#1	6.036756	3.707686	.0223375	.0231680	8.272773	4.707234	.1485131
#2	6.029615	3.728445	.0357540	.0229300	8.291676	4.630937	.1518288
#3	6.080794	3.752352	.0208213	.0230110	8.286091	4.649454	.1503661

Sample Name: J2446-17 Acquired: 4/26/2018 14:20:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9921965	.1082918	.3202539
Stddev	.0063330	.0002767	.0022221
%RSD	.6382813	.2554981	.6938635

#1	.9994788	.1085884	.3224519
#2	.9891325	.1080407	.3180084
#3	.9879782	.1082463	.3203015

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.156	2880.793	40853.84	5771.194	3481.118
Stddev	8.638	10.043	134.07	29.019	8.991
%RSD	.5318512	.3486125	.3281808	.5028267	.2582895

#1	1614.256	2878.156	40707.92	5744.991	3486.094
#2	1628.056	2872.332	40971.59	5802.383	3470.739
#3	1630.157	2891.892	40882.00	5766.208	3486.522

Sample Name: J2446-18 Acquired: 4/26/2018 14:23:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1465401	.0046119	.8032158	.0084949	.0101092	91.58916	2.397161
Stddev	.0027648	.0021495	.0043644	.0010363	.0012228	.20342	.006639
%RSD	1.886691	46.60870	.5433720	12.19858	12.09548	.2220991	.2769417

#1	.1477550	.0046076	.8073360	.0082251	.0103723	91.41336	2.401622
#2	.1433760	.0067636	.8036691	.0076203	.0111789	91.54215	2.400331
#3	.1484895	.0024645	.7986424	.0096395	.0087763	91.81197	2.389532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140457	.0041650	79.29797	.1827951	.1147330	.2291495	310.1585
Stddev	.0001261	.0002977	.15051	.0007734	.0007614	.0026581	2.4404
%RSD	.8976869	7.146638	.1897971	.4230686	.6636094	1.159967	.7868122

#1	.0141913	.0044523	79.32042	.1828166	.1155726	.2270718	308.8368
#2	.0139718	.0041847	79.43599	.1835575	.1140874	.2321448	308.6640
#3	.0139741	.0038580	79.13750	.1820113	.1145390	.2282320	312.9746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.79691	32.04278	.0968616	.0057411	1.394083	.3886973	1.468338
Stddev	.06787	.08288	.0009673	.0003539	.114967	.0057042	.021547
%RSD	.3813416	.2586457	.9986562	6.164445	8.246805	1.467529	1.467430

#1	17.81260	32.03175	.0971301	.0056527	1.402463	.3835974	1.469783
#2	17.85556	31.96598	.0957884	.0054399	1.275155	.3948572	1.446104
#3	17.72258	32.13063	.0976663	.0061309	1.504631	.3876372	1.489125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.453776	1.464988	-.018148	.0068700	5.171435	3.142417	.0927263
Stddev	.064893	.012703	.007831	.0004456	.046040	.010020	.0012393
%RSD	2.644635	.8671375	43.15051	6.486567	.8902800	.3188616	1.336551

#1	2.383139	1.479371	-.021212	.0070998	5.222169	3.148862	.0941337
#2	2.510751	1.455300	-.023983	.0071538	5.159822	3.147516	.0917981
#3	2.467437	1.460293	-.009248	.0063564	5.132312	3.130873	.0922473

Sample Name: J2446-18 Acquired: 4/26/2018 14:23:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4304041	.0871446	.2193095
Stddev	.0020915	.0014609	.0004520
%RSD	.4859394	1.676461	.2061089

#1	.4316027	.0888267	.2197248
#2	.4279891	.0861933	.2193757
#3	.4316207	.0864138	.2188280

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.813	3010.990	41984.22	5855.476	3509.302
Stddev	3.564	19.598	50.41	6.609	18.066
%RSD	.2129345	.6508698	.1200785	.1128710	.5148074

#1	1673.023	2989.548	41935.39	5857.837	3489.031
#2	1677.706	3015.445	42036.08	5848.011	3515.169
#3	1670.710	3027.976	41981.20	5860.581	3523.704

Sample Name: J2446-19 Acquired: 4/26/2018 14:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1637301	.0001351	3.327769	.0108883	.0103956	73.36062	2.145005
Stddev	.0060340	.0059139	.003819	.0028689	.0016588	.10480	.003772
%RSD	3.685318	4378.223	.1147538	26.34870	15.95712	.1428539	.1758448

#1	.1656546	-.002903	3.324034	.0088438	.0105469	73.25790	2.147352
#2	.1569686	.006951	3.327607	.0096530	.0119737	73.35658	2.147010
#3	.1685670	-.003642	3.331667	.0141679	.0086663	73.46738	2.140655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164494	.0062449	142.9062	.1721492	.2345946	.2947592	315.9284
Stddev	.0001911	.0001180	.3716	.0002956	.0015662	.0032212	1.8234
%RSD	1.161595	1.888819	.2600085	.1717032	.6675999	1.092833	.5771467

#1	.0162887	.0061799	142.6532	.1722213	.2328421	.2975964	314.6949
#2	.0166607	.0063811	143.3328	.1718243	.2350843	.2954237	315.0675
#3	.0163987	.0061738	142.7327	.1724021	.2358573	.2912576	318.0228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68881	56.08825	.1430039	.0054800	1.908357	.3633994	2.311016
Stddev	.06110	.26777	.0005489	.0004296	.132838	.0025602	.008502
%RSD	.3894189	.4774131	.3838099	7.840120	6.960840	.7045204	.3678888

#1	15.69999	55.78008	.1425665	.0051232	1.930040	.3647642	2.319850
#2	15.74354	56.22053	.1436198	.0059569	2.029019	.3604459	2.302890
#3	15.62290	56.26413	.1428254	.0053599	1.766012	.3649880	2.310307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.748125	1.771792	-.011951	.0137400	5.100373	5.864668	.3980418
Stddev	.050822	.000862	.005302	.0002533	.013463	.044777	.0037449
%RSD	1.355940	.0486472	44.36618	1.843527	.2639563	.7635123	.9408282

#1	3.694951	1.770838	-.006354	.0139816	5.092943	5.813263	.3960016
#2	3.796214	1.772515	-.016898	.0134764	5.115914	5.885564	.3957600
#3	3.753211	1.772023	-.012602	.0137620	5.092263	5.895179	.4023638

Sample Name: J2446-19 Acquired: 4/26/2018 14:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8145219	.1068081	.3162308
Stddev	.0049647	.0009466	.0006214
%RSD	.6095241	.8862691	.1965069

#1	.8096701	.1071439	.3167041
#2	.8195923	.1057393	.3155271
#3	.8143033	.1075409	.3164612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.947	3003.273	41791.76	5809.557	3448.236
Stddev	14.211	2.236	255.64	44.006	6.842
%RSD	.8514931	.0744379	.6116903	.7574805	.1984256

#1	1658.557	3000.916	41560.67	5845.807	3445.960
#2	1663.143	3003.540	41748.25	5760.594	3455.926
#3	1685.141	3005.363	42066.35	5822.271	3442.821

Sample Name: J2446-20 Acquired: 4/26/2018 14:32:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670379	.0007269	3.210263	.0067271	.0077396	72.98355	2.203671
Stddev	.0076321	.0055961	.103432	.0041330	.0007757	.27640	.012196
%RSD	4.569057	769.8765	3.221924	61.43827	10.02201	.3787220	.5534492

#1	.1595303	-.005703	3.147970	.0114596	.0084926	72.67708	2.189627
#2	.1667950	.004497	3.153160	.0048945	.0069431	73.21395	2.211603
#3	.1747886	.003387	3.329658	.0038273	.0077830	73.05961	2.209782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165636	.0065270	139.1604	.1723514	.2561922	.2944003	315.6023
Stddev	.0001164	.0004796	.6968	.0000289	.0080490	.0027150	1.2313
%RSD	.7028505	7.348579	.5007145	.0167557	3.141797	.9222059	.3901414

#1	.0164507	.0061988	138.3874	.1723284	.2514251	.2919699	315.7219
#2	.0165568	.0063047	139.3534	.1723421	.2516661	.2973305	316.7694
#3	.0166833	.0070774	139.7403	.1723839	.2654854	.2939004	314.3156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.50231	54.19192	.1495591	.0048191	1.954856	.3627140	2.265085
Stddev	.09047	.26911	.0038768	.0006096	.237164	.0056619	.007599
%RSD	.5482489	.4965887	2.592157	12.64872	12.13205	1.560992	.3354960

#1	16.42910	54.11563	.1472958	.0042581	2.137367	.3678818	2.258640
#2	16.47436	54.49093	.1473460	.0054677	2.040417	.3566619	2.263151
#3	16.60346	53.96918	.1540356	.0047313	1.686784	.3635983	2.273465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.739990	1.794938	-.013628	.0146393	5.122713	5.883505	.3788087
Stddev	.056276	.056306	.006434	.0003218	.162485	.044714	.0113181
%RSD	1.504717	3.136941	47.21046	2.198030	3.171863	.7599897	2.987806

#1	3.725421	1.759396	-.007250	.0145931	5.028466	5.834007	.3684389
#2	3.802118	1.765560	-.013517	.0143431	5.029339	5.895534	.3771052
#3	3.692431	1.859857	-.020116	.0149816	5.310334	5.920974	.3908819

Sample Name: J2446-20 Acquired: 4/26/2018 14:32:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8129732	.1054728	.3137489
Stddev	.0043267	.0010109	.0019127
%RSD	.5322122	.9584464	.6096335

#1	.8178378	.1043724	.3115970
#2	.8115272	.1063602	.3152558
#3	.8095547	.1056858	.3143937

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1657.444	2951.868	41673.71	5781.880	3382.272
Stddev	14.714	66.349	160.08	33.132	85.829
%RSD	.8877647	2.247690	.3841334	.5730372	2.537623

#1	1651.239	2989.839	41502.61	5805.650	3434.463
#2	1646.849	2990.509	41698.68	5744.033	3429.141
#3	1674.245	2875.256	41819.84	5795.956	3283.213

Sample Name: J2446-21 Acquired: 4/26/2018 14:36:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2362479	.1136818	3.113550	.0291927	.1995897	78.01356	6.402872
Stddev	.0021142	.0045558	.011822	.0047702	.0023808	3.57815	.312529
%RSD	.8948928	4.007536	.3797082	16.34053	1.192830	4.586577	4.881081

#1	.2341002	.1126394	3.113604	.0285094	.1970354	75.68358	6.208798
#2	.2383269	.1097374	3.101701	.0248010	.1999866	76.22362	6.236421
#3	.2363166	.1186684	3.125345	.0342678	.2017470	82.13347	6.763398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214568	.1166401	139.7651	.5650402	1.391975	.8290002	325.0913
Stddev	.0042613	.0002794	6.5272	.0022194	.005385	.0345051	14.0613
%RSD	3.508450	.2395482	4.670153	.3927817	.3868509	4.162256	4.325339

#1	.1190519	.1169618	135.6508	.5673650	1.392083	.8085306	315.0295
#2	.1189417	.1164576	136.3534	.5648115	1.386538	.8096318	319.0863
#3	.1263769	.1165010	147.2912	.5629439	1.397306	.8688382	341.1581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.63175	55.25436	1.289186	.1003719	1.823716	1.489372	3.340529
Stddev	.81514	2.26452	.007261	.0014113	.322967	.067023	.046330
%RSD	4.623117	4.098363	.5632024	1.406036	17.70929	4.500088	1.386909

#1	17.12787	53.73827	1.287695	.0990469	1.453882	1.438089	3.290500
#2	17.19519	54.16736	1.282788	.1002129	2.050166	1.464817	3.349131
#3	18.57218	57.85744	1.297077	.1018560	1.967099	1.565209	3.381955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.710622	1.735393	-.007992	.0140322	4.905207	5.943339	.3636425
Stddev	.289595	.019567	.012180	.0006056	.031351	.210559	.0033692
%RSD	7.804491	1.127543	152.4027	4.316077	.6391410	3.542778	.9265176

#1	3.543933	1.728072	-.021467	.0133873	4.906358	5.845453	.3609303
#2	3.542917	1.720541	-.004746	.0141203	4.873297	5.799541	.3625830
#3	4.045018	1.757565	.002236	.0145889	4.935967	6.185023	.3674141

Sample Name: J2446-21 Acquired: 4/26/2018 14:36:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS24S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8307382	.1075350	.3150777
Stddev	.0357515	.0062364	.0148018
%RSD	4.303579	5.799437	4.697829

#1	.8052918	.1040258	.3062361
#2	.8153095	.1038437	.3068310
#3	.8716133	.1147354	.3321659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.615	2999.961	41981.98	5675.864	3467.637
Stddev	16.078	2.751	76.71	210.743	9.678
%RSD	.9595060	.0917084	.1827126	3.712959	.2790819

#1	1679.732	2996.786	41995.90	5768.459	3464.812
#2	1689.233	3001.465	42050.76	5824.457	3478.413
#3	1657.879	3001.633	41899.26	5434.677	3459.687

Sample Name: J2446-19LX5 Acquired: 4/26/2018 14:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS24L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455978	.0034335	.6448765	-.000008	.0044311	16.50268	.5002117
Stddev	.0058657	.0023974	.0038167	.001690	.0026274	.02905	.0011973
%RSD	12.86392	69.82356	.5918582	22453.31	59.29485	.1760603	.2393498

#1	.0424326	.0045776	.6436635	.000602	.0020381	16.52833	.5002756
#2	.0523662	.0006784	.6418137	.001293	.0072427	16.50857	.5013758
#3	.0419947	.0050446	.6491523	-.001918	.0040124	16.47113	.4989838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038835	.0008687	31.70103	.0399612	.0512000	.0689862	75.79091
Stddev	.0000842	.0000482	.05454	.0008955	.0001214	.0049087	.14011
%RSD	2.167474	5.553530	.1720318	2.240859	.2370801	7.115558	.1848629

#1	.0039106	.0008245	31.67065	.0408008	.0512105	.0746444	75.64543
#2	.0037891	.0009202	31.66845	.0390187	.0510738	.0664478	75.80238
#3	.0039508	.0008614	31.76399	.0400639	.0513159	.0658664	75.92494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.852653	12.51925	.0291316	.0010462	.1447934	.0871148	.5099998
Stddev	.016786	.02866	.0001930	.0003118	.0987595	.0101637	.0098421
%RSD	.4357058	.2289042	.6623919	29.80538	68.20716	11.66697	1.929833

#1	3.851139	12.52354	.0293278	.0009484	.0689492	.0976560	.4987441
#2	3.836674	12.48869	.0291249	.0013952	.1089648	.0863122	.5169875
#3	3.870144	12.54552	.0289421	.0007950	.2564663	.0773763	.5142678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3840590	.3531247	-.002828	.0030540	1.002231	1.384605	.0731098
Stddev	.0559406	.0005884	.001066	.0002299	.007534	.010588	.0010075
%RSD	14.56563	.1666174	37.69313	7.527571	.7516762	.7646858	1.378062

#1	.4096792	.3534541	-.003883	.0030357	.993856	1.394654	.0735893
#2	.4226013	.3534745	-.002850	.0032925	1.004382	1.373550	.0737880
#3	.3198967	.3524454	-.001751	.0028338	1.008455	1.385610	.0719521

Sample Name: J2446-19LX5 Acquired: 4/26/2018 14:40:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS24L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1890737	.0226627	.0716357
Stddev	.0010823	.0004903	.0002604
%RSD	.5724098	2.163692	.3635454

#1	.1878925	.0222163	.0716042
#2	.1893109	.0231875	.0713924
#3	.1900177	.0225843	.0719104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.955	2763.564	38594.24	5290.176	3736.536
Stddev	8.487	5.988	140.99	31.663	4.381
%RSD	.5468718	.2166664	.3653157	.5985253	.1172389

#1	1559.751	2757.726	38701.24	5256.565	3732.841
#2	1542.914	2763.277	38647.00	5319.442	3735.391
#3	1553.199	2769.691	38434.48	5294.522	3741.375

Sample Name: J2446-22 Acquired: 4/26/2018 14:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489354	-.009333	1.011308	.0120976	.0114457	72.42764	.6826426
Stddev	.0016891	.004112	.001359	.0044062	.0021803	.23055	.0001625
%RSD	3.451694	44.05781	.1344179	36.42259	19.04878	.3183164	.0238059

#1	.0474682	-.011485	1.009845	.0109518	.0105464	72.16162	.6825272
#2	.0485561	-.004592	1.012533	.0169635	.0139318	72.56945	.6828285
#3	.0507819	-.011922	1.011545	.0083774	.0098590	72.55186	.6825721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097829	.0080764	66.87982	.2272993	.0575155	.5015178	323.1577
Stddev	.0002413	.0000814	.02920	.0005800	.0001420	.0044750	2.5929
%RSD	2.466583	1.007883	.0436574	.2551534	.2468806	.8922931	.8023620

#1	.0095166	.0081686	66.84614	.2266299	.0574732	.5062942	320.1647
#2	.0099871	.0080143	66.89524	.2276507	.0573994	.4974223	324.7230
#3	.0098449	.0080463	66.89807	.2276173	.0576738	.5008369	324.5854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843590	25.25823	.1803738	.0068917	1.890294	.1887051	3.655061
Stddev	.008994	.20173	.0018940	.0001987	.211584	.0008011	.018573
%RSD	.1856946	.7986712	1.050066	2.883524	11.19320	.4245076	.5081353

#1	4.853773	25.02849	.1818988	.0067105	1.816005	.1881801	3.675376
#2	4.840269	25.33975	.1782537	.0071043	1.725873	.1883081	3.638952
#3	4.836729	25.40643	.1809690	.0068604	2.129005	.1896272	3.650855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.764846	2.873404	.0073981	.0253686	4.446438	3.606704	.0395076
Stddev	.006540	.013024	.0036332	.0001888	.026037	.015885	.0016739
%RSD	.1134537	.4532590	49.10952	.7441170	.5855772	.4404268	4.236897

#1	5.761371	2.860192	.0045366	.0252934	4.416375	3.592316	.0385501
#2	5.772390	2.873788	.0061721	.0252290	4.461112	3.623750	.0414404
#3	5.760776	2.886231	.0114857	.0255834	4.461826	3.604047	.0385323

Sample Name: J2446-22 Acquired: 4/26/2018 14:44:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4406440	.0383023	.1512383
Stddev	.0002986	.0012089	.0002728
%RSD	.0677633	3.156071	.1803609

#1	.4403014	.0373672	.1515510
#2	.4408487	.0378724	.1510491
#3	.4407819	.0396674	.1511147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.893	2871.690	40335.22	5665.622	3571.600
Stddev	9.692	2.172	82.63	14.402	4.826
%RSD	.6009298	.0756194	.2048646	.2541928	.1351096

#1	1601.704	2869.376	40332.25	5666.409	3567.892
#2	1618.265	2872.011	40419.29	5650.843	3577.056
#3	1618.711	2873.684	40254.11	5679.614	3569.852

Sample Name: J2446-23 Acquired: 4/26/2018 14:48:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215913	-.016341	.3726463	.0121219	.0150359	80.50966	.3951338
Stddev	.0064316	.001521	.0012368	.0044694	.0009781	.57470	.0031353
%RSD	29.78784	9.307018	.3318944	36.87084	6.505109	.7138283	.7934906

#1	.0194641	-.014670	.3721169	.0097036	.0146869	79.85670	.3944771
#2	.0288171	-.017645	.3717624	.0093826	.0161406	80.93868	.3985455
#3	.0164929	-.016707	.3740597	.0172794	.0142801	80.73358	.3923788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096338	.0041931	49.15748	.1724121	.0493409	.5116521	499.1055
Stddev	.0001053	.0001300	.29266	.0008716	.0006580	.0036048	4.8708
%RSD	1.093125	3.101283	.5953417	.5055047	1.333617	.7045451	.9759052

#1	.0096492	.0043318	49.00443	.1733596	.0490479	.5082350	493.8768
#2	.0097305	.0041733	49.49493	.1716445	.0488804	.5154192	499.9254
#3	.0095216	.0040740	48.97309	.1722323	.0500946	.5113021	503.5144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825353	23.50204	.5203590	.0110566	2.145718	.1672183	2.088052
Stddev	.024093	.19761	.0005089	.0002336	.024699	.0009298	.017812
%RSD	.4992926	.8408043	.0977987	2.112815	1.151071	.5560239	.8530494

#1	4.810911	23.29724	.5199379	.0108778	2.129686	.1664616	2.077278
#2	4.853165	23.51732	.5202145	.0109712	2.174161	.1669371	2.108612
#3	4.811981	23.69157	.5209245	.0113209	2.133307	.1682562	2.078266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.504759	.9173268	-.017299	.0220720	1.515176	2.808408	.0309696
Stddev	.126858	.0070841	.018852	.0002239	.001596	.008667	.0013227
%RSD	3.619580	.7722576	108.9725	1.014459	.1053526	.3086249	4.270918

#1	3.366817	.9093174	-.029648	.0221507	1.514179	2.798587	.0323526
#2	3.616412	.9227709	-.026650	.0218193	1.514332	2.814988	.0308395
#3	3.531047	.9198921	.004400	.0222459	1.517017	2.811650	.0297168

Sample Name: J2446-23 Acquired: 4/26/2018 14:48:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4760180	.0236506	.1359694
Stddev	.0021068	.0010122	.0008081
%RSD	.4425939	4.279626	.5942956

#1	.4735860	.0230937	.1350429
#2	.4772865	.0248189	.1365282
#3	.4771814	.0230392	.1363372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.823	2853.751	40243.32	5683.727	3513.905
Stddev	2.183	1.715	76.54	37.520	4.266
%RSD	.1356927	.0601014	.1901926	.6601340	.1213984

#1	1606.307	2852.767	40315.42	5720.893	3516.390
#2	1609.947	2855.731	40251.54	5645.862	3516.345
#3	1610.216	2852.754	40163.00	5684.424	3508.979

Sample Name: PB108542BL Acquired: 4/26/2018 14:52:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0002020	.0012685	-.000125	.0022013	.0022031	.0075446	-.002359
Stddev	.0022076	.0016306	.000877	.0016156	.0008862	.0115105	.000389
%RSD	1092.925	128.5434	699.7423	73.39076	40.22679	152.5656	16.47779

#1	.0010176	.0003753	-.000020	.0011281	.0011876	.0173810	-.002322
#2	.0018858	.0031506	-.001051	.0014165	.0026015	.0103675	-.001990
#3	-.002297	.0002796	.000694	.0040593	.0028201	-.005115	-.002765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000092	.0710834	.0006221	-.000113	.0026206	.0335539
Stddev	.000088	.000052	.0122387	.0004585	.000143	.0032275	.0181117
%RSD	175.9398	56.07238	17.21733	73.70494	127.3679	123.1612	53.97775

#1	.000047	-.000126	.0691523	.0011420	-.000181	.0059274	.0458552
#2	-.000074	-.000033	.0841728	.0002754	.000052	-.000521	.0420505
#3	-.000123	-.000117	.0599251	.0004490	-.000209	.002456	.0127561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002989	-.015260	-.000371	.0001156	-.443361	.0028127	-.003100
Stddev	.0006946	.019413	.000533	.0004065	.198287	.0037118	.006747
%RSD	232.3975	127.2123	143.7395	351.5946	44.72355	131.9622	217.6576

#1	.0000194	-.000027	-.000717	.0004955	-.478776	.0037372	-.000464
#2	.0010896	-.037118	.000243	.0001643	-.621554	.0059749	-.010768
#3	-.000212	-.008636	-.000638	-.000313	-.229753	-.001274	.001931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.34866	-.001557	-.004822	-.000075	-.003651	-.002037	.0009528
Stddev	.05222	.001290	.000475	.000206	.003296	.001815	.0010873
%RSD	3.871762	82.87133	9.843510	274.4382	90.26689	89.11891	114.1238

#1	-1.40737	-.000340	-.004978	-.000311	-.007012	-.000422	.0015885
#2	-1.30742	-.002910	-.004289	.000069	-.000425	-.004001	.0015725
#3	-1.33119	-.001421	-.005200	.000017	-.003516	-.001687	-.000303

Sample Name: PB108542BL Acquired: 4/26/2018 14:52:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000071	-.003493	-.000006
Stddev	.002502	.001341	.000075
%RSD	3514.353	38.38472	1248.356

#1	.002774	-.002015	-.000067
#2	-.001058	-.003832	.000078
#3	-.001929	-.004631	-.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.165	2668.959	37702.89	5115.975	3886.793
Stddev	8.066	4.828	25.95	15.826	10.308
%RSD	.5366232	.1808901	.0688240	.3093360	.2652100

#1	1494.327	2663.448	37698.55	5133.050	3876.661
#2	1510.131	2672.441	37730.73	5101.800	3897.269
#3	1505.036	2670.988	37679.38	5113.075	3886.449

Sample Name: CCV036 Acquired: 4/26/2018 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853283	4.974208	24.15710	4.894755	4.888113	398.6890
Stddev	.008106	.025846	.01659	.013976	.000378	1.0107
%RSD	.1670205	.5195948	.0686854	.2855238	.0077284	.2534961

#1	4.846147	4.967826	24.17327	4.892388	4.888543	397.5743
#2	4.862097	4.952151	24.15793	4.882113	4.887834	399.5455
#3	4.851604	5.002647	24.14012	4.909763	4.887962	398.9472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.669711	.4999808	2.459499	391.7159	14.70558	2.444362
Stddev	.028086	.0013846	.005165	.8288	.09391	.002005
%RSD	.2904495	.2769197	.2099869	.2115865	.6386250	.0820331

#1	9.649501	.4988485	2.459175	391.3966	14.79061	2.446314
#2	9.657850	.5015244	2.454503	391.0942	14.60478	2.442308
#3	9.701781	.4995696	2.464817	392.6569	14.72135	2.444463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72690	411.7806	14.37901	404.6423	2.447835	1.222069
Stddev	.03822	2.5224	.07047	2.5198	.004142	.007014
%RSD	.2595416	.6125688	.4900647	.6227240	.1692186	.5739228

#1	14.68401	410.8166	14.33985	403.7331	2.452396	1.230135
#2	14.73932	414.6429	14.33682	407.4906	2.446802	1.217407
#3	14.75737	409.8824	14.46036	402.7033	2.444307	1.218665

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.0036	2.460746	15.12476	150.7025	F 2.836599	4.829043
Stddev	1.5608	.016651	.07494	.3464	.005899	.017341
%RSD	.3882433	.6766633	.4955100	.2298747	.2079454	.3591004

#1	400.5924	2.448001	15.21073	150.3095	2.829888	4.811114
#2	403.6799	2.479586	15.09040	150.9637	2.838949	4.845729
#3	401.7387	2.454651	15.07317	150.8343	2.840960	4.830288

Sample Name: CCV036 Acquired: 4/26/2018 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.888889	5.179721	4.923977	4.933825	4.872772	4.915203
Stddev	.006398	.010979	.009282	.004186	.013350	.012865
%RSD	.1308688	.2119640	.1885154	.0848509	.2739804	.2617297

#1	4.883046	5.172043	4.924558	4.933483	4.864027	4.900612
#2	4.887895	5.174824	4.932956	4.929820	4.866149	4.924913
#3	4.895726	5.192297	4.914418	4.938172	4.888139	4.920084

Elem	Sr4077
Units	ppm
Avg	4.911746
Stddev	.009683
%RSD	.1971354

#1	4.901626
#2	4.912690
#3	4.920922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.488	2262.161	32522.08	4774.164	2841.997
Stddev	8.506	2.883	239.22	14.766	7.037
%RSD	.6818131	.1274368	.7355691	.3092996	.2476151

#1	1238.112	2259.350	32296.29	4783.043	2834.291
#2	1254.707	2262.024	32772.78	4757.118	2843.618
#3	1249.647	2265.111	32497.16	4782.331	2848.083

Sample Name: CCB036 Acquired: 4/26/2018 15:00:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.001095	.0003054	-.000017	.0008739	.0028871	.0126919	-.000823
Stddev	.001308	.0003228	.000866	.0027529	.0001838	.0135531	.000742
%RSD	119.4095	105.6745	5191.579	315.0098	6.365479	106.7860	90.21956

#1	-.000375	.0000341	-.000303	-.002194	.0030056	.0261480	-.000529
#2	-.000306	.0006624	-.000703	.003129	.0029802	-.000956	-.000273
#3	-.002605	.0002199	.000956	.001687	.0026754	.012884	-.001667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000049	.0818406	.0001386	-.000066	.0038960	.0193592
Stddev	.000035	.0000301	.0188365	.0002478	.000123	.0043209	.0209825
%RSD	362.6508	615.5712	23.01612	178.7362	185.7278	110.9048	108.3852

#1	.000026	.0000378	.0960276	-.000067	-.000206	.0044611	.0140098
#2	-.000010	-.000002	.0890252	.000414	-.000022	-.000680	.0424985
#3	-.000045	-.000021	.0604691	.000070	.000029	.007906	.0015692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003792	.0117381	-.000156	.0000312	-.098442	.0055184	-.004597
Stddev	.0007343	.0214644	.000380	.0002642	.161236	.0002357	.004573
%RSD	193.6279	182.8608	244.0396	847.7261	163.7881	4.270410	99.49126

#1	.0008484	.0282292	-.000543	.0000713	.018571	.0057236	.000683
#2	.0007562	.0195160	.000216	.0002729	-.282359	.0052610	-.007331
#3	-.000467	-.012531	-.000140	-.000251	-.031537	.0055706	-.007142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.322431	-.003555	.0009459	.0000845	-.006389	-.006215	.0002341
Stddev	.038250	.002001	.0009249	.0002050	.004188	.000612	.0002162
%RSD	11.86288	56.27924	97.78350	242.7740	65.55035	9.842692	92.36089

#1	-.285143	-.004817	.0018566	-.000005	-.009411	-.005547	.0004197
#2	-.320575	-.004600	.0000074	.000319	-.001608	-.006350	-.000003
#3	-.361575	-.001248	.0009736	-.000061	-.008148	-.006748	.000286

Sample Name: CCB036 Acquired: 4/26/2018 15:00:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000136	-.000853	-.000007
Stddev	.000391	.000548	.000039
%RSD	288.1470	64.24583	545.3303

#1	-.000554	-.000887	.000034
#2	.000221	-.000289	-.000012
#3	-.000074	-.001384	-.000044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.758	2681.351	37455.00	4987.042	3850.909
Stddev	9.383	16.353	105.11	9.763	6.496
%RSD	.6235820	.6098828	.2806415	.1957767	.1686935

#1	1496.618	2700.132	37468.75	4996.100	3856.847
#2	1502.635	2673.657	37343.68	4988.325	3851.909
#3	1515.022	2670.264	37552.56	4976.700	3843.970

Sample Name: PB108542BS Acquired: 4/26/2018 15:04:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0165208	.0473822	.0189535	.0645385	.1136579	.3845324
Stddev	.0011659	.0017036	.0004386	.0009788	.0007242	.0040924
%RSD	7.057392	3.595353	2.313843	1.516632	.6371811	1.064245

#1	.0152191	.0468095	.0185546	.0649120	.1143359	.3806489
#2	.0168740	.0492983	.0194231	.0634280	.1137429	.3888058
#3	.0174693	.0460388	.0188828	.0652757	.1128949	.3841423

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3826554	.0096054	.0093366	10.06334	.0207204	.0927712
Stddev	.0015178	.0000378	.0000787	.03682	.0003886	.0003715
%RSD	.3966539	.3939468	.8431594	.3658784	1.875472	.4004929

#1	.3816919	.0096282	.0092495	10.02523	.0211297	.0930318
#2	.3844050	.0096264	.0093576	10.09872	.0203565	.0923458
#3	.3818692	.0095618	.0094027	10.06606	.0206750	.0929361

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547994	.2474367	.0321441	9.641130	.0775828	.0182303
Stddev	.0048226	.0098051	.0010951	.025114	.0003458	.0005081
%RSD	8.800423	3.962652	3.406956	.2604926	.4456933	2.787354

#1	.0492970	.2587182	.0333766	9.612225	.0778130	.0176794
#2	.0582923	.2426228	.0317730	9.657605	.0777502	.0186806
#3	.0568089	.2409690	.0312827	9.653561	.0771851	.0183309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.277833	.1112189	.1257894	8.182866	F .0123992	F .0180966
Stddev	.261187	.0065417	.0054840	.109576	.0013335	.0006324
%RSD	2.815170	5.881871	4.359688	1.339088	10.75449	3.494607

#1	9.042817	.1039691	.1297782	8.056452	.0119553	.0176706
#2	9.559030	.1166810	.1195357	8.250711	.0113443	.0188232
#3	9.231651	.1130065	.1280543	8.241435	.0138980	.0177958

Sample Name: PB108542BS Acquired: 4/26/2018 15:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0210518	.1550957	.1830783	F .0136528	.1987069	.0883743
Stddev	.0001400	.0039491	.0014819	.0005323	.0027265	.0022416
%RSD	.6651410	2.546224	.8094100	3.898604	1.372112	2.536428

#1	.0211310	.1586304	.1830269	.0136550	.2014788	.0878326
#2	.0211342	.1508334	.1845851	.0131194	.1986137	.0908371
#3	.0208901	.1558231	.1816227	.0141840	.1960282	.0864533

Elem	Sr4077
Units	ppm
Avg	.1982429
Stddev	.0006614
%RSD	.3336300

#1	.1982825
#2	.1988836
#3	.1975626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.787	2653.875	36883.05	4991.392	3768.173
Stddev	7.172	1.821	105.16	36.955	3.069
%RSD	.4843465	.0686285	.2851219	.7403844	.0814346

#1	1480.429	2655.495	36834.88	4977.400	3764.787
#2	1488.132	2654.226	37003.67	4963.475	3770.769
#3	1473.801	2651.904	36810.61	5033.300	3768.965

Sample Name: J2445-02 Acquired: 4/26/2018 15:20:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1302073	.0169595	1.336160	.0149011	.0174305	114.3580
Stddev	.0079890	.0039801	.022419	.0041903	.0026615	.6891
%RSD	6.135624	23.46827	1.677897	28.12056	15.26937	.6025879

#1	.1394084	.0211036	1.327022	.0148554	.0143672	114.0065
#2	.1250323	.0131667	1.319753	.0191140	.0191769	115.1519
#3	.1261813	.0166082	1.361705	.0107339	.0187474	113.9155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.715843	.0189525	.0097998	42.79933	.4174011	.2627779
Stddev	.011782	.0003488	.0003118	.20316	.0011234	.0050159
%RSD	.4338105	1.840454	3.181204	.4746710	.2691342	1.908799

#1	2.717379	.0189549	.0096673	42.62247	.4164167	.2603722
#2	2.726782	.0193000	.0095761	43.02123	.4171618	.2594180
#3	2.703369	.0186024	.0101559	42.75430	.4186248	.2685435

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4606272	520.8519	F 36.52002	18.04098	.1422454	.0089846
Stddev	.0017394	5.8928	.11736	.28851	.0031391	.0006930
%RSD	.3776102	1.131369	.3213642	1.599217	2.206814	7.713058

#1	.4626189	518.3018	36.39010	17.90292	.1405958	.0089854
#2	.4598558	527.5902	36.55156	18.37259	.1402751	.0096772
#3	.4594070	516.6637	36.61838	17.84745	.1458654	.0082912

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.950990	.6241611	3.336463	5.604763	3.317417	-.043035
Stddev	.243954	.0069006	.037228	.058564	.046613	.004626
%RSD	8.266841	1.105584	1.115803	1.044904	1.405107	10.74912

#1	3.144215	.6205419	3.364901	5.658041	3.307229	-.040719
#2	2.676863	.6321184	3.294326	5.614192	3.276740	-.048362
#3	3.031892	.6198229	3.350161	5.542056	3.368282	-.040025

Sample Name: J2445-02 Acquired: 4/26/2018 15:20:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114156	2.831135	3.821342	.0550013	.4552576	.0893232
Stddev	.0002525	.036907	.035017	.0033621	.0050495	.0011824
%RSD	2.212159	1.303607	.9163413	6.112730	1.109158	1.323761

#1	.0115123	2.821058	3.793572	.0518354	.4511782	.0884793
#2	.0111290	2.800314	3.860679	.0546384	.4609052	.0888156
#3	.0116055	2.872034	3.809776	.0585301	.4536894	.0906746

Elem	Sr4077
Units	ppm
Avg	.2722426
Stddev	.0015237
%RSD	.5596678

#1	.2717656
#2	.2739476
#3	.2710144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.675	2910.371	40896.10	5629.931	3472.307
Stddev	15.964	36.753	149.47	35.433	48.736
%RSD	.9736052	1.262844	.3654860	.6293724	1.403560

#1	1622.571	2924.333	40730.79	5636.882	3490.147
#2	1654.179	2938.097	40935.81	5591.537	3509.610
#3	1642.276	2868.682	41021.71	5661.373	3417.165

Sample Name: J2445-03 Acquired: 4/26/2018 15:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065791	-.002739	.8980225	.0136712	.0121581	131.9048	1.673080
Stddev	.0019058	.003061	.0023720	.0018107	.0026988	.3372	.005465
%RSD	1.788151	111.7559	.2641329	13.24440	22.19763	.2556196	.3266542

#1	.1047039	-.003120	.9000510	.0138379	.0140808	131.5184	1.668535
#2	.1085141	.000495	.8954144	.0153927	.0090728	132.0565	1.679144
#3	.1065194	-.005590	.8986020	.0117829	.0133206	132.1395	1.671560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145246	.0017276	14.57623	.2330037	.1699891	.5852023	402.5680
Stddev	.0002124	.0000739	.08495	.0014871	.0003147	.0053341	1.1079
%RSD	1.462585	4.276013	.5827697	.6382138	.1851345	.9114933	.2752013

#1	.0143340	.0016436	14.67431	.2313270	.1699148	.5795202	403.2592
#2	.0144862	.0017571	14.52581	.2335216	.1703343	.5901019	401.2901
#3	.0147536	.0017822	14.52858	.2341626	.1697182	.5859849	403.1546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.979684	30.66920	.2658342	.0078759	1.674027	.3799486	2.085122
Stddev	.068124	.15944	.0009097	.0001596	.132982	.0046680	.032330
%RSD	.6826285	.5198855	.3421928	2.025896	7.943825	1.228588	1.550493

#1	9.921726	30.73627	.2656781	.0078517	1.803730	.3835191	2.066170
#2	10.05472	30.48717	.2650128	.0077299	1.680359	.3746664	2.122451
#3	9.96260	30.78415	.2668119	.0080462	1.537992	.3816603	2.066744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24670	2.849625	-.030727	.0084552	1.537651	5.296964	.0522229
Stddev	.10253	.007591	.007991	.0002720	.002924	.041400	.0008173
%RSD	1.000652	.2663991	26.00665	3.217374	.1901494	.7815815	1.565100

#1	10.15984	2.841983	-.021576	.0081411	1.534281	5.261793	.0531643
#2	10.35981	2.857164	-.034279	.0086184	1.539511	5.286511	.0516934
#3	10.22046	2.849729	-.036327	.0086061	1.539161	5.342589	.0518112

Sample Name: J2445-03 Acquired: 4/26/2018 15:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6235163	.1980474	.2687947
Stddev	.0040172	.0011722	.0007804
%RSD	.6442782	.5919014	.2903426

#1	.6196306	.1987458	.2679684
#2	.6232650	.1987024	.2695192
#3	.6276532	.1966940	.2688964

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.123	2928.387	40491.04	5571.165	3540.034
Stddev	5.591	9.505	98.63	23.433	13.171
%RSD	.3427654	.3245903	.2435923	.4206060	.3720586

#1	1626.582	2920.326	40401.33	5595.393	3527.034
#2	1629.420	2925.966	40475.11	5569.483	3539.700
#3	1637.368	2938.868	40596.66	5548.618	3553.369

Sample Name: J2445-04 Acquired: 4/26/2018 15:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480840	.0168318	.7676716	.0138764	.0114140	129.7339	1.793692
Stddev	.0036561	.0023039	.0014154	.0033614	.0010157	.4470	.006575
%RSD	2.468932	13.68769	.1843711	24.22372	8.898836	.3445633	.3665866

#1	.1441220	.0194548	.7660819	.0125791	.0119162	129.7567	1.793360
#2	.1488025	.0159053	.7681381	.0176932	.0102450	129.2759	1.787289
#3	.1513275	.0151355	.7687948	.0113570	.0120808	130.1691	1.800427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147284	.0035250	45.43613	.2269653	.1848593	.3261717	418.9019
Stddev	.0002704	.0001485	.11636	.0017682	.0005189	.0040103	.9503
%RSD	1.836180	4.212308	.2560971	.7790782	.2806852	1.229503	.2268491

#1	.0150086	.0033872	45.53113	.2289350	.1842858	.3305020	419.8935
#2	.0144690	.0035055	45.30635	.2264461	.1852962	.3254273	418.8129
#3	.0147076	.0036822	45.47092	.2255147	.1849960	.3225857	417.9992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.42232	31.91895	.2758008	.0069588	1.900930	.3488808	1.426204
Stddev	.11726	.11743	.0003290	.0004010	.170988	.0057570	.012828
%RSD	.4437742	.3679123	.1192782	5.762389	8.994967	1.650131	.8994745

#1	26.52469	31.92790	.2756829	.0070647	1.704521	.3430136	1.415060
#2	26.29440	31.79730	.2755471	.0072962	1.981686	.3545208	1.440227
#3	26.44788	32.03166	.2761725	.0065155	2.016583	.3491080	1.423324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39138	1.950403	-.021529	.0162204	3.385477	4.008852	.0267560
Stddev	.08155	.010109	.011886	.0003319	.022778	.033627	.0004327
%RSD	.7158711	.5183255	55.20898	2.046080	.6728274	.8388198	1.617201

#1	11.39832	1.943588	-.035071	.0164622	3.376781	4.046921	.0262827
#2	11.30658	1.945603	-.016686	.0158420	3.368328	3.983195	.0271313
#3	11.46923	1.962018	-.012829	.0163569	3.411323	3.996439	.0268540

Sample Name: J2445-04 Acquired: 4/26/2018 15:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5027366	.1854222	.2659450
Stddev	.0031471	.0014683	.0011905
%RSD	.6259834	.7918497	.4476580

#1	.5041906	.1864228	.2660656
#2	.4991254	.1837366	.2646987
#3	.5048937	.1861071	.2670706

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.729	2989.076	41756.68	5837.944	3490.889
Stddev	6.554	3.385	50.57	44.831	.510
%RSD	.3901839	.1132568	.1211129	.7679262	.0146145

#1	1686.545	2990.607	41787.20	5786.287	3490.949
#2	1679.168	2991.425	41698.31	5860.857	3491.367
#3	1673.473	2985.195	41784.54	5866.688	3490.352

Sample Name: J2445-05 Acquired: 4/26/2018 15:32:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1229144	.0009743	1.719766	.0132154	.0132359	102.5010	2.887236
Stddev	.0018303	.0049365	.005182	.0016680	.0019328	.2560	.015338
%RSD	1.489073	506.6593	.3013394	12.62150	14.60288	.2497168	.5312183

#1	.1227658	.0047637	1.720072	.0125136	.0137971	102.6728	2.894596
#2	.1211629	-.004608	1.714437	.0151196	.0148260	102.2069	2.869606
#3	.1248144	.002767	1.724788	.0120130	.0110846	102.6235	2.897506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146423	.0114433	97.18670	.3942528	.1137479	.5222087	372.6188
Stddev	.0002015	.0002020	.43200	.0005737	.0002625	.0029909	1.5958
%RSD	1.376281	1.764925	.4445047	.1455154	.2307790	.5727395	.4282626

#1	.0145633	.0116146	97.37411	.3949056	.1139374	.5195313	372.7384
#2	.0144922	.0112206	96.69264	.3940242	.1134482	.5216583	374.1514
#3	.0148713	.0114946	97.49335	.3938287	.1138580	.5254366	370.9666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.74962	21.08043	.1124396	.0086704	1.707847	.5392165	4.865175
Stddev	.08803	.13480	.0001269	.0002687	.181635	.0016602	.040342
%RSD	.5255693	.6394776	.1128607	3.099323	10.63535	.3078818	.8292039

#1	16.76923	21.17534	.1125384	.0083654	1.772983	.5380410	4.823563
#2	16.65344	21.13982	.1122965	.0088723	1.847933	.5384929	4.904115
#3	16.82619	20.92613	.1124838	.0087734	1.502625	.5411156	4.867847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.844480	5.132601	-.001028	.0120842	4.672968	3.587251	.1001677
Stddev	.056202	.013763	.012772	.0003649	.031774	.030449	.0008339
%RSD	.9616330	.2681512	1242.084	3.019542	.6799619	.8488050	.8325116

#1	5.870913	5.144023	-.004564	.0122136	4.704342	3.603506	.1007260
#2	5.779934	5.117320	.013139	.0123667	4.640807	3.552124	.0992091
#3	5.882593	5.136459	-.011661	.0116722	4.673757	3.606122	.1005680

Sample Name: J2445-05 Acquired: 4/26/2018 15:32:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8265142	.0850941	.5403815
Stddev	.0065007	.0006553	.0019640
%RSD	.7865142	.7701017	.3634481

#1	.8261188	.0853861	.5420326
#2	.8202203	.0843435	.5382096
#3	.8332035	.0855525	.5409022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.499	2876.793	40358.88	5610.983	3538.721
Stddev	7.400	4.852	156.54	42.317	5.937
%RSD	.4569032	.1686493	.3878646	.7541895	.1677796

#1	1612.021	2878.821	40267.16	5571.621	3535.244
#2	1619.659	2880.301	40269.85	5655.739	3545.577
#3	1626.817	2871.256	40539.63	5605.590	3535.343

Sample Name: J2445-06 Acquired: 4/26/2018 15:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655356	.0824071	1.101951	.0198735	.0119707	119.5277
Stddev	.0052929	.0014617	.000778	.0024968	.0001782	.4882
%RSD	3.197455	1.773815	.0706043	12.56352	1.488504	.4084162

#1	.1664356	.0823835	1.101313	.0196768	.0119765	118.9642
#2	.1598504	.0809572	1.102818	.0174808	.0121459	119.8211
#3	.1703209	.0838804	1.101721	.0224628	.0117897	119.7980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.468905	.0153382	.0056604	21.99326	.3397822	.2548531
Stddev	.032951	.0000853	.0003951	.03864	.0023244	.0008042
%RSD	.3890789	.5563670	6.980997	.1756682	.6840732	.3155392

#1	8.446062	.0154273	.0053275	21.97247	.3424359	.2539245
#2	8.453974	.0153300	.0055566	21.96947	.3388034	.2553118
#3	8.506678	.0152572	.0060971	22.03783	.3381074	.2553229

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2903945	580.8858	F 84.79352	7.480060	.1417322	.0079406
Stddev	.0011538	3.2198	.47587	.077120	.0007890	.0000500
%RSD	.3973228	.5542984	.5612052	1.031013	.5566827	.6291331

#1	.2915807	578.5212	84.50032	7.494451	.1408490	.0079983
#2	.2903269	584.5528	84.53767	7.548971	.1419799	.0079127
#3	.2892761	579.5833	85.34258	7.396758	.1423676	.0079109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.688525	.5965884	2.036801	3.911336	3.825228	-.063133
Stddev	.146933	.0040430	.033467	.066468	.009454	.005929
%RSD	5.465183	.6776838	1.643135	1.699380	.2471598	9.391296

#1	2.775416	.5987929	2.037702	3.961195	3.814621	-.069941
#2	2.771279	.5990499	2.069809	3.835873	3.832769	-.060353
#3	2.518878	.5919223	2.002893	3.936940	3.828292	-.059105

Sample Name: J2445-06 Acquired: 4/26/2018 15:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198271	2.047542	2.418594	.5940412	.7441283	.1105286
Stddev	.0000707	.004304	.011410	.0027522	.0014294	.0008938
%RSD	.3564611	.2102220	.4717418	.4632932	.1920868	.8086872

#1	.0198841	2.042584	2.416746	.5930193	.7455345	.1097406
#2	.0197480	2.050324	2.430814	.5971581	.7426768	.1103452
#3	.0198492	2.049719	2.408221	.5919461	.7441737	.1114999

Elem	Sr4077
Units	ppm
Avg	.5662805
Stddev	.0017816
%RSD	.3146222

#1	.5646958
#2	.5659367
#3	.5682090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.335	2952.853	41081.74	5646.155	3484.570
Stddev	9.983	11.891	225.14	13.780	5.667
%RSD	.6034677	.4026985	.5480260	.2440655	.1626182

#1	1643.400	2944.637	40824.47	5651.330	3479.856
#2	1662.964	2966.489	41178.05	5630.537	3490.857
#3	1656.639	2947.434	41242.71	5656.599	3482.998

Sample Name: J2445-07 Acquired: 4/26/2018 15:40:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1891043	.0045742	1.362222	.0120362	.0140370	117.3104	3.684945
Stddev	.0016805	.0015004	.004096	.0013809	.0031520	.3751	.011419
%RSD	.8886462	32.80079	.3006779	11.47300	22.45471	.3197400	.3098728

#1	.1872759	.0059557	1.360992	.0127551	.0130191	117.6350	3.693822
#2	.1905814	.0029781	1.366791	.0104441	.0115198	117.3965	3.688949
#3	.1894555	.0047887	1.358881	.0129093	.0175722	116.8998	3.672064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173248	.0055985	32.04186	.3798396	.1565052	.3423323	417.3950
Stddev	.0003427	.0001896	.08084	.0015991	.0010086	.0077795	2.9927
%RSD	1.978310	3.385771	.2523010	.4210063	.6444669	2.272508	.7170060

#1	.0170581	.0054847	32.06622	.3788944	.1571436	.3443291	419.2255
#2	.0172051	.0054935	32.10772	.3789385	.1570296	.3489187	419.0182
#3	.0177114	.0058173	31.95164	.3816860	.1553424	.3337489	413.9413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.00094	7.542344	.1259739	.0086874	2.253968	.6474877	3.101805
Stddev	.13288	.135047	.0003223	.0001156	.210042	.0068352	.044276
%RSD	.5777192	1.790523	.2558445	1.330998	9.318759	1.055646	1.427442

#1	23.06404	7.620646	.1263205	.0086508	2.035570	.6538458	3.104304
#2	22.84827	7.619980	.1256833	.0088170	2.454514	.6483584	3.144780
#3	23.09052	7.386405	.1259179	.0085946	2.271821	.6402589	3.056333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.212791	5.182042	-.027698	.0217213	2.702011	3.100559	.0601990
Stddev	.017635	.015246	.016746	.0002772	.013577	.025253	.0008414
%RSD	.3383096	.2941989	60.45929	1.276099	.5024901	.8144497	1.397740

#1	5.194587	5.176044	-.020429	.0216120	2.686371	3.109556	.0594941
#2	5.229797	5.199375	-.015815	.0215154	2.710771	3.072040	.0599724
#3	5.213991	5.170708	-.046851	.0220365	2.708891	3.120081	.0611305

Sample Name: J2445-07 Acquired: 4/26/2018 15:40:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9266578	.1235028	.7683197
Stddev	.0031712	.0011373	.0025048
%RSD	.3422229	.9208396	.3260071

#1	.9300578	.1248157	.7703621
#2	.9261353	.1228247	.7690720
#3	.9237802	.1228679	.7655250

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.428	2988.930	41577.60	5641.290	3580.703
Stddev	6.722	28.357	118.56	48.973	23.354
%RSD	.4021930	.9487482	.2851579	.8681082	.6522269

#1	1666.531	3009.308	41501.54	5610.652	3598.825
#2	1668.661	3000.938	41517.05	5697.771	3588.938
#3	1679.092	2956.544	41714.21	5615.448	3554.347

Sample Name: J2445-08 Acquired: 4/26/2018 15:44:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2734221	-.000843	3.216617	.0084670	.0086348	123.0615	5.222031
Stddev	.0036201	.002661	.008590	.0039578	.0019904	.3458	.015341
%RSD	1.324006	315.4981	.2670550	46.74321	23.05131	.2810200	.2937808

#1	.2731152	.001729	3.206701	.0128910	.0069654	122.7614	5.227442
#2	.2699652	-.000674	3.221360	.0052625	.0081013	123.4397	5.233934
#3	.2771859	-.003585	3.221789	.0072476	.0108376	122.9834	5.204717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182078	.0207421	210.8560	.2610384	.1139399	.9770556	232.2599
Stddev	.0000923	.0001129	.5851	.0003015	.0002611	.0015326	1.5709
%RSD	.5068905	.5442759	.2774975	.1154885	.2291907	.1568559	.6763683

#1	.0181105	.0206870	211.5265	.2613812	.1142285	.9788079	230.5973
#2	.0182189	.0206673	210.5928	.2609197	.1138713	.9759656	232.4632
#3	.0182941	.0208720	210.4488	.2608144	.1137200	.9763932	233.7193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.332662	28.07594	.1990959	.0078365	4.006326	.4085053	9.761670
Stddev	.042023	.25194	.0014995	.0003346	.179990	.0026330	.063065
%RSD	.4502752	.8973440	.7531447	4.270092	4.492641	.6445379	.6460436

#1	9.373409	27.80092	.1975243	.0078629	3.798775	.4074786	9.811345
#2	9.335107	28.13132	.2005110	.0074895	4.100718	.4065403	9.782946
#3	9.289471	28.29557	.1992525	.0081572	4.119487	.4114969	9.690719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20735	11.32152	.3494514	.0292022	11.91479	11.27572	.4079198
Stddev	.00918	.06343	.0031686	.0003569	.01093	.05168	.0008063
%RSD	.0899641	.5602425	.9067444	1.222281	.0917347	.4583556	.1976679

#1	10.19955	11.27335	.3460948	.0295756	11.91142	11.26308	.4083194
#2	10.21747	11.29783	.3498686	.0288645	11.90594	11.23152	.4084483
#3	10.20502	11.39339	.3523908	.0291663	11.92701	11.33254	.4069917

Sample Name: J2445-08 Acquired: 4/26/2018 15:44:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARQ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.999549	.1652015	3.088934
Stddev	.012104	.0008399	.005331
%RSD	.6053134	.5084347	.1725749

#1	1.997491	.1653356	3.089585
#2	2.012549	.1643025	3.093910
#3	1.988606	.1659663	3.083308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.540	3047.936	42977.13	6009.607	3393.688
Stddev	20.426	22.452	245.21	25.194	21.296
%RSD	1.186482	.7366180	.5705601	.4192290	.6275241

#1	1707.403	3036.371	42868.45	6002.524	3380.298
#2	1712.257	3033.624	42805.05	5988.713	3382.521
#3	1744.958	3073.812	43257.90	6037.585	3418.245

Sample Name: J2445-09 Acquired: 4/26/2018 15:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701056	-.002174	.2900677	.0078709	.0080605	95.52886	.9095986
Stddev	.0026309	.001488	.0007630	.0049317	.0011782	.19531	.0022625
%RSD	3.752745	68.44849	.2630398	62.65774	14.61724	.2044516	.2487410

#1	.0731372	-.000497	.2894949	.0103880	.0093722	95.34351	.9120137
#2	.0687588	-.002688	.2909339	.0021885	.0077175	95.73280	.9075281
#3	.0684208	-.003336	.2897744	.0110361	.0070919	95.51026	.9092542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095739	-.000476	9.312194	.3690856	.1015316	.0607641	285.2266
Stddev	.0001433	.000099	.090458	.0008922	.0000558	.0015133	1.0020
%RSD	1.496386	20.82255	.9713964	.2417409	.0549384	2.490377	.3513028

#1	.0096543	-.000577	9.373482	.3700710	.1015167	.0604954	284.1491
#2	.0094085	-.000379	9.208300	.3683323	.1015934	.0623938	285.4003
#3	.0096590	-.000471	9.354799	.3688536	.1014849	.0594033	286.1304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.35166	3.665750	.0531836	.0047538	1.276951	.4850539	.6386560
Stddev	.01731	.072659	.0005439	.0001367	.154534	.0031792	.0140840
%RSD	.1524657	1.982112	1.022781	2.875180	12.10180	.6554316	2.205262

#1	11.36767	3.603893	.0528348	.0046200	1.303718	.4816512	.6383176
#2	11.33330	3.745767	.0529057	.0048932	1.110782	.4855622	.6529061
#3	11.35403	3.647591	.0538104	.0047483	1.416353	.4879483	.6247441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9007334	1.269384	-.021561	.0079126	.7478456	3.097587	.0107108
Stddev	.0653668	.006856	.007153	.0002669	.0106741	.008918	.0015396
%RSD	7.257067	.5400945	33.17595	3.373532	1.427314	.2878958	14.37406

#1	.8481004	1.272856	-.029810	.0078772	.7386884	3.100184	.0124863
#2	.8801975	1.273810	-.017803	.0081955	.7595688	3.087659	.0099018
#3	.9739023	1.261487	-.017071	.0076651	.7452795	3.104918	.0097444

Sample Name: J2445-09 Acquired: 4/26/2018 15:48:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARQ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5595316	.0329967	.0925982
Stddev	.0038931	.0017021	.0000114
%RSD	.6957830	5.158537	.0122813

#1	.5569640	.0337898	.0925963
#2	.5640110	.0341575	.0925879
#3	.5576198	.0310427	.0926104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.569	2846.081	40065.01	5534.876	3637.630
Stddev	3.054	20.350	84.73	29.890	13.574
%RSD	.1899521	.7150299	.2114867	.5400314	.3731643

#1	1607.280	2860.887	40083.15	5559.364	3651.373
#2	1604.670	2854.482	40139.20	5543.695	3637.285
#3	1610.757	2822.876	39972.68	5501.569	3624.231

Sample Name: J2445-10 Acquired: 4/26/2018 15:52:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891622	.0158496	.7591199	.0135641	.0058317	89.35301	1.771938
Stddev	.0012606	.0020281	.0006668	.0026303	.0011644	.31211	.003078
%RSD	1.413832	12.79555	.0878382	19.39181	19.96616	.3493017	.1737338

#1	.0893586	.0162785	.7598631	.0107600	.0060686	88.99569	1.775207
#2	.0878149	.0136415	.7589226	.0159767	.0045671	89.57236	1.771512
#3	.0903130	.0176290	.7585740	.0139556	.0068594	89.49097	1.769095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091054	.0031187	33.46129	.2453335	.0752042	.2118620	206.0771
Stddev	.0001564	.0001496	.12992	.0009998	.0002657	.0010784	1.3154
%RSD	1.717438	4.797348	.3882831	.4075419	.3532768	.5090012	.6383069

#1	.0089685	.0032685	33.34325	.2450672	.0754067	.2117783	204.6330
#2	.0092758	.0029693	33.60050	.2464395	.0749034	.2108279	206.3913
#3	.0090718	.0031183	33.44011	.2444938	.0753026	.2129798	207.2069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.33602	5.813041	.0650170	.0036028	1.440620	.3594869	2.300833
Stddev	.05507	.078325	.0005893	.0001434	.217907	.0034068	.019087
%RSD	.2848198	1.347408	.9063953	3.980801	15.12590	.9476780	.8295545

#1	19.29027	5.722982	.0647300	.0034439	1.582240	.3621774	2.279253
#2	19.39714	5.850868	.0646261	.0037227	1.189695	.3556563	2.315501
#3	19.32064	5.865273	.0656948	.0036418	1.549924	.3606271	2.307745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.220187	2.374901	.0010022	.0109972	2.274526	1.819962	.0854230
Stddev	.034075	.003793	.0020350	.0002399	.008785	.015612	.0007426
%RSD	1.534763	.1596960	203.0609	2.181279	.3862418	.8578304	.8692859

#1	2.251933	2.378645	-.000482	.0111874	2.273664	1.811855	.0845902
#2	2.184184	2.371062	.000166	.0107277	2.283711	1.810070	.0856625
#3	2.224445	2.374997	.003322	.0110765	2.266204	1.837960	.0860162

Sample Name: J2445-10 Acquired: 4/26/2018 15:52:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARQ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5535045	.0680048	.3291702
Stddev	.0062093	.0004737	.0007674
%RSD	1.121809	.6965852	.2331193

#1	.5497899	.0679380	.3282887
#2	.5606728	.0675680	.3295334
#3	.5500510	.0685083	.3296885

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.556	2919.229	40689.34	5587.093	3632.531
Stddev	9.164	8.669	258.68	26.163	6.114
%RSD	.5572141	.2969530	.6357377	.4682704	.1683035

#1	1647.897	2922.438	40841.87	5588.855	3635.999
#2	1634.190	2909.414	40390.67	5560.094	3625.472
#3	1651.580	2925.836	40835.48	5612.330	3636.121

Sample Name: J2445-11 Acquired: 4/26/2018 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935883	.0040211	1.672141	.0095909	.0161316	57.32050	1.422716
Stddev	.0055560	.0033245	.045467	.0031849	.0011337	.22235	.000915
%RSD	5.936689	82.67696	2.719087	33.20766	7.027914	.3879131	.0643170

#1	.0999986	.0071067	1.648266	.0059662	.0151462	57.09037	1.421857
#2	.0901575	.0044560	1.643585	.0108647	.0158778	57.53416	1.422612
#3	.0906087	.0005005	1.724572	.0119417	.0173707	57.33697	1.423678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090475	.0246692	98.00382	2.097476	.1805875	1.091989	277.7677
Stddev	.0001156	.0010305	.24816	.008760	.0055710	.001546	1.2245
%RSD	1.278128	4.177268	.2532117	.4176518	3.084928	.1415312	.4408184

#1	.0091230	.0239631	97.75374	2.105118	.1777288	1.090234	276.8795
#2	.0089144	.0241928	98.00772	2.099394	.1770262	1.093143	279.1645
#3	.0091051	.0258517	98.25001	2.087916	.1870075	1.092591	277.2592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37084	111.0920	3.142436	.0067130	1.247958	.1927511	5.739835
Stddev	.03877	.3122	.091192	.0000246	.169405	.0038355	.083567
%RSD	.2697662	.2810419	2.901959	.3672598	13.57461	1.989860	1.455912

#1	14.32656	110.7948	3.096374	.0067092	1.441362	.1883646	5.653314
#2	14.38729	111.4173	3.083462	.0066905	1.176639	.1944152	5.820095
#3	14.39867	111.0639	3.247471	.0067393	1.125873	.1954735	5.746097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.139019	2.725652	.0592364	.0521444	6.238311	6.337582	.0653968
Stddev	.066259	.079679	.0073946	.0015759	.166222	.056644	.0034499
%RSD	1.600842	2.923318	12.48318	3.022145	2.664542	.8937840	5.275368

#1	4.083939	2.680183	.0507797	.0510152	6.138450	6.402845	.0622207
#2	4.212547	2.679118	.0644860	.0514732	6.146288	6.308704	.0649024
#3	4.120570	2.817656	.0624435	.0539447	6.430195	6.301196	.0690672

Sample Name: J2445-11 Acquired: 4/26/2018 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6533992	.0642488	.3600486
Stddev	.0021659	.0021508	.0005580
%RSD	.3314807	3.347554	.1549846

#1	.6509265	.0667034	.3594565
#2	.6543103	.0633482	.3601248
#3	.6549607	.0626946	.3605647

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.170	2676.795	38207.27	5297.466	3422.854
Stddev	15.012	77.167	215.03	9.068	98.096
%RSD	.9856071	2.882828	.5628104	.1711739	2.865906

#1	1540.337	2720.205	38455.50	5297.703	3471.852
#2	1516.667	2722.480	38088.05	5306.412	3486.799
#3	1512.505	2587.699	38078.25	5288.281	3309.913

Sample Name: J2445-12 Acquired: 4/26/2018 16:00:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3873072	.0565213	2.280017	.0247251	.0143973	74.54831
Stddev	.0048126	.0026540	.004134	.0020858	.0012841	.42841
%RSD	1.242579	4.695665	.1812980	8.435995	8.919307	.5746729

#1	.3843511	.0585068	2.276773	.0225309	.0130563	74.13741
#2	.3847100	.0575504	2.284671	.0249622	.0145197	74.51519
#3	.3928605	.0535069	2.278607	.0266822	.0156158	74.99231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.678365	.0183949	.0231477	52.34924	.2189591	.1530566
Stddev	.041665	.0002648	.0000640	.34100	.0006512	.0003330
%RSD	.7337526	1.439681	.2766178	.6513991	.2974006	.2175591

#1	5.640498	.0181131	.0230991	52.20657	.2182189	.1526795
#2	5.671599	.0184330	.0231237	52.10275	.2194436	.1531803
#3	5.723000	.0186387	.0232203	52.73841	.2192148	.1533101

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6966683	334.6383	F 43.45113	20.75206	.4299848	.0078660
Stddev	.0020334	1.2538	.19137	.06891	.0010337	.0000347
%RSD	.2918707	.3746660	.4404150	.3320825	.2403913	.4408197

#1	.6943206	333.2032	43.40254	20.69612	.4292044	.0079016
#2	.6978145	335.1908	43.28874	20.73101	.4295929	.0078640
#3	.6978699	335.5209	43.66211	20.82904	.4311571	.0078323

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.607395	.3755011	5.783959	8.956674	4.496854	.1140185
Stddev	.012971	.0051270	.056794	.119434	.017723	.0056345
%RSD	.3595616	1.365382	.9819262	1.333464	.3941172	4.941742

#1	3.614060	.3697869	5.849523	8.883331	4.500189	.1180423
#2	3.592446	.3796990	5.752477	8.892201	4.477700	.1164342
#3	3.615678	.3770172	5.749879	9.094489	4.512672	.1075789

Sample Name: J2445-12 Acquired: 4/26/2018 16:00:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604734	11.27906	3.521592	.0673192	1.730686	.1223343
Stddev	.0000614	.03735	.045768	.0028661	.008728	.0021588
%RSD	.1015636	.3311540	1.299627	4.257524	.5043195	1.764628

#1	.0604457	11.26272	3.469695	.0675007	1.724283	.1201467
#2	.0604307	11.25266	3.538898	.0643666	1.727147	.1223933
#3	.0605438	11.32180	3.556183	.0700903	1.740628	.1244630

Elem	Sr4077
Units	ppm
Avg	1.231904
Stddev	.006837
%RSD	.5549700

#1	1.224806
#2	1.232461
#3	1.238445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.302	3050.631	42748.45	5811.146	3566.767
Stddev	11.772	4.405	222.42	43.599	2.868
%RSD	.6919474	.1443882	.5202894	.7502680	.0803963

#1	1688.576	3052.348	42491.65	5859.886	3568.813
#2	1711.803	3053.919	42879.94	5797.694	3567.998
#3	1703.526	3045.626	42873.76	5775.859	3563.489

Sample Name: J2445-13 Acquired: 4/26/2018 16:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2867781	.0200039	2.401948	.0209249	.0130469	67.96297	2.274872
Stddev	.0005383	.0022483	.004444	.0048437	.0020156	.16081	.003752
%RSD	.1877102	11.23935	.1850062	23.14795	15.44903	.2366181	.1649413

#1	.2873202	.0223403	2.404227	.0156471	.0112819	68.04238	2.271487
#2	.2867706	.0198160	2.396827	.0251668	.0152433	68.06862	2.274223
#3	.2862436	.0178555	2.404789	.0219608	.0126155	67.77789	2.278907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148280	.0184006	34.75459	.3345972	.1281882	.5667842	383.4191
Stddev	.0002481	.0001743	.00641	.0010599	.0007511	.0018712	3.1476
%RSD	1.673135	.9473298	.0184320	.3167658	.5859053	.3301340	.8209337

#1	.0146669	.0182132	34.76104	.3335017	.1289601	.5658627	384.2068
#2	.0151137	.0184307	34.74823	.3346723	.1274598	.5689374	386.0981
#3	.0147035	.0185579	34.75450	.3356175	.1281446	.5655524	379.9525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.85720	44.95030	.7288729	.0107496	2.326609	.3852071	5.579488
Stddev	.00561	.43616	.0003824	.0002710	.022990	.0057586	.067164
%RSD	.0353792	.9703120	.0524601	2.520563	.9881268	1.494946	1.203769

#1	15.85554	44.99617	.7292122	.0110568	2.300105	.3885640	5.571632
#2	15.85260	45.36171	.7284586	.0105447	2.338556	.3884997	5.650235
#3	15.86345	44.49302	.7289478	.0106473	2.341165	.3785577	5.516598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.496451	2.730966	.0202000	.0276853	7.528920	3.976243	.0660023
Stddev	.023434	.003205	.0096103	.0002271	.005534	.011125	.0005938
%RSD	.4263507	.1173658	47.57596	.8202079	.0735014	.2797847	.8996816

#1	5.471853	2.728231	.0167876	.0279438	7.527518	3.988232	.0656537
#2	5.498985	2.730173	.0310508	.0275942	7.524222	3.966253	.0666879
#3	5.518515	2.734493	.0127614	.0275179	7.535020	3.974243	.0656652

Sample Name: J2445-13 Acquired: 4/26/2018 16:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.098537	.1114389	.5468659
Stddev	.004652	.0003322	.0007733
%RSD	.4234488	.2980782	.1414045

#1	1.096068	.1117080	.5471546
#2	1.103903	.1115411	.5474533
#3	1.095641	.1110676	.5459898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.017	2941.349	41214.51	5700.604	3578.249
Stddev	13.466	11.229	190.56	48.120	12.405
%RSD	.8175887	.3817585	.4623521	.8441163	.3466905

#1	1633.174	2933.966	41064.27	5646.412	3567.004
#2	1647.807	2935.809	41150.41	5717.072	3576.185
#3	1660.070	2954.271	41428.85	5738.327	3591.556

Sample Name: J2445-14 Acquired: 4/26/2018 16:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102682	.0148227	1.710251	.0169304	.0234744	73.60261
Stddev	.0024779	.0055099	.021250	.0024473	.0030698	.10657
%RSD	2.247136	37.17251	1.242505	14.45522	13.07714	.1447856

#1	.1116385	.0185161	1.734770	.0187927	.0266915	73.59447
#2	.1074078	.0084895	1.697157	.0141585	.0205769	73.50035
#3	.1117582	.0174624	1.698827	.0178398	.0231548	73.71302

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327494	.0100712	.0304167	221.1305	3.149107	.1853091
Stddev	.005586	.0001730	.0007014	1.2798	.041442	.0026475
%RSD	.2400102	1.717286	2.306056	.5787739	1.315983	1.428691

#1	2.328624	.0101519	.0312087	221.2498	3.101652	.1883633
#2	2.321429	.0101891	.0298741	219.7952	3.178164	.1836664
#3	2.332428	.0098726	.0301672	222.3465	3.167505	.1838977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484920	492.9437	F 35.19937	133.3775	2.615213	.0103334
Stddev	.011084	1.2435	.17910	.6428	.032362	.0002839
%RSD	.7464255	.2522586	.5088143	.4819685	1.237449	2.747726

#1	1.494946	493.0185	35.30601	132.9395	2.652530	.0100181
#2	1.473018	491.6645	34.99260	133.0774	2.594845	.0104132
#3	1.486797	494.1481	35.29951	134.1155	2.598265	.0105689

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.169601	.3186789	5.866596	4.429988	3.161904	.1594558
Stddev	.149744	.0029063	.072983	.029363	.037446	.0008984
%RSD	4.724365	.9120000	1.244051	.6628265	1.184289	.5634262

#1	2.997833	.3219389	5.785119	4.461619	3.204782	.1604566
#2	3.272658	.3163588	5.925983	4.424746	3.145293	.1587187
#3	3.238311	.3177390	5.888684	4.403599	3.135636	.1591922

Sample Name: J2445-14 Acquired: 4/26/2018 16:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939764	7.084043	5.653682	.0710061	1.131344	.0793228
Stddev	.0009776	.096189	.033969	.0021658	.003057	.0023037
%RSD	1.040307	1.357831	.6008246	3.050225	.2701747	2.904180

#1	.0950806	7.194584	5.685479	.0730338	1.133343	.0813223
#2	.0936275	7.019393	5.617894	.0687245	1.127825	.0798423
#3	.0932210	7.038153	5.657673	.0712599	1.132863	.0768037

Elem	Sr4077
Units	ppm
Avg	.5007519
Stddev	.0009580
%RSD	.1913063

#1	.5015474
#2	.4996885
#3	.5010198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.022	2656.671	36985.10	5263.149	3335.456
Stddev	20.668	25.331	449.11	22.838	39.578
%RSD	1.415572	.9534802	1.214302	.4339263	1.186598

#1	1475.987	2627.663	37466.55	5237.882	3290.080
#2	1436.678	2674.426	36577.48	5269.240	3362.857
#3	1467.402	2667.923	36911.26	5282.323	3353.431

Sample Name: J2445-15 Acquired: 4/26/2018 16:12:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3185936	.0504198	1.229583	.0242266	.0300113	82.77102
Stddev	.0060037	.0009847	.005869	.0019001	.0063661	.11674
%RSD	1.884446	1.952921	.4773187	7.843174	21.21239	.1410380

#1	.3229066	.0495316	1.230034	.0230326	.0250108	82.63668
#2	.3117368	.0502492	1.223502	.0264177	.0278452	82.84787
#3	.3211374	.0514786	1.235214	.0232294	.0371778	82.82849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.776699	.0095709	.0240375	752.3600	3.355179	.0748372
Stddev	.005651	.0001953	.0004992	.8685	.009444	.0004551
%RSD	.2035101	2.040958	2.076808	.1154317	.2814852	.6081923

#1	2.776004	.0093725	.0243166	753.2581	3.365224	.0743180
#2	2.782666	.0097631	.0234611	752.2971	3.353832	.0751673
#3	2.771428	.0095770	.0243347	751.5246	3.346480	.0750265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744282	724.2144	F 86.88930	172.7925	.6001124	.0130245
Stddev	.004615	3.7127	.27961	.5936	.0042791	.0004442
%RSD	.2645857	.5126580	.3218016	.3435502	.7130423	3.410773

#1	1.739624	720.0710	87.12831	172.1105	.6041706	.0131510
#2	1.744369	725.3331	86.58181	173.1935	.5956423	.0133917
#3	1.748853	727.2392	86.95777	173.0734	.6005242	.0125307

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.182384	.7108270	7.963467	6.595533	4.458121	.2995404
Stddev	.259128	.0092517	.071609	.085928	.040545	.0159195
%RSD	5.000161	1.301542	.8992201	1.302814	.9094642	5.314637

#1	4.890446	.7098410	7.880786	6.604920	4.479075	.2842775
#2	5.271555	.7021077	8.003887	6.505297	4.411387	.2982998
#3	5.385152	.7205322	8.005726	6.676381	4.483902	.3160438

Sample Name: J2445-15 Acquired: 4/26/2018 16:12:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1031103	15.73602	8.699124	.0846677	2.596243	.1058684
Stddev	.0006845	.12811	.007938	.0015391	.004134	.0012161
%RSD	.6638824	.8141114	.0912479	1.817848	.1592276	1.148709

#1	.1029648	15.77016	8.690271	.0836981	2.596992	.1068956
#2	.1025102	15.59430	8.705605	.0864424	2.591786	.1045256
#3	.1038559	15.84360	8.701497	.0838626	2.599951	.1061841

Elem	Sr4077
Units	ppm
Avg	1.190509
Stddev	.001086
%RSD	.0912315

#1	1.191029
#2	1.191237
#3	1.189261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.728	2500.824	35889.74	5139.160	3034.513
Stddev	5.172	14.769	116.62	13.057	10.225
%RSD	.3689415	.5905586	.3249471	.2540755	.3369490

#1	1399.137	2517.740	35791.48	5124.176	3046.296
#2	1398.363	2494.238	35859.12	5145.200	3029.264
#3	1407.683	2490.493	36018.62	5148.104	3027.979

Sample Name: J2445-16 Acquired: 4/26/2018 16:16:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795683	-.006785	1.930986	.0117197	.0193647	85.91380	1.587300
Stddev	.0040184	.003458	.007287	.0028342	.0023601	.30579	.003261
%RSD	5.050186	50.96043	.3773799	24.18328	12.18781	.3559301	.2054562

#1	.0840602	-.004024	1.922863	.0085706	.0167382	85.73212	1.587767
#2	.0763151	-.010663	1.933149	.0125228	.0200482	86.26685	1.590303
#3	.0783298	-.005669	1.936947	.0140657	.0213076	85.74243	1.583831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141785	.0096385	289.9097	.4902555	.1044022	1.101654	442.0066
Stddev	.0001510	.0000922	1.1828	.0026268	.0004538	.004088	1.9509
%RSD	1.064715	.9565694	.4079844	.5357968	.4346977	.3710368	.4413633

#1	.0142004	.0096840	289.3167	.4929266	.1044138	1.098447	439.8738
#2	.0143173	.0096992	291.2717	.4901646	.1039427	1.106257	442.4450
#3	.0140178	.0095324	289.1407	.4876754	.1048501	1.100259	443.7010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.06815	132.9627	.8762702	.0093830	3.022298	.2153104	3.178183
Stddev	.03263	.4580	.0024494	.0005939	.117783	.0091068	.015324
%RSD	.2703998	.3444618	.2795263	6.329940	3.897119	4.229607	.4821689

#1	12.04954	132.4611	.8756514	.0089219	3.151974	.2061705	3.162496
#2	12.10583	133.0683	.8741895	.0091739	2.992966	.2153769	3.178934
#3	12.04908	133.3587	.8789697	.0100532	2.921952	.2243837	3.193117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.937926	2.778257	.0274859	.0336557	8.061391	12.52908	.1162792
Stddev	.025998	.009168	.0085823	.0000608	.013540	.07479	.0010549
%RSD	.4378240	.3300076	31.22427	.1806962	.1679662	.5968974	.9071713

#1	5.965092	2.772908	.0182025	.0337258	8.052344	12.61493	.1151653
#2	5.913280	2.773018	.0291242	.0336240	8.054872	12.49426	.1164092
#3	5.935406	2.788843	.0351309	.0336172	8.076958	12.47806	.1172630

Sample Name: J2445-16 Acquired: 4/26/2018 16:16:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARR4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9326649	.0766207	.5430622
Stddev	.0104494	.0002872	.0009240
%RSD	1.120377	.3748359	.1701451

#1	.9288002	.0769258	.5431699
#2	.9444961	.0765807	.5439277
#3	.9246985	.0763556	.5420891

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.659	2709.791	38522.25	5473.845	3275.797
Stddev	1.066	4.146	58.82	15.055	5.532
%RSD	.0697690	.1529855	.1526857	.2750363	.1688692

#1	1528.211	2706.708	38464.26	5456.570	3277.533
#2	1526.430	2714.504	38520.63	5480.808	3280.253
#3	1528.336	2708.160	38581.87	5484.159	3269.606

Sample Name: J2446-01 Acquired: 4/26/2018 16:20:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243438	.1396346	.0379953	.0027370	.0058031	11.68877	.1201825
Stddev	.0012053	.0019232	.0006026	.0027900	.0029451	.09315	.0004879
%RSD	4.951342	1.377305	1.585919	101.9357	50.75049	.7969030	.4059719

#1	.0238625	.1379024	.0379333	.0008326	.0082175	11.58124	.1204684
#2	.0257154	.1417042	.0386265	.0014389	.0025219	11.74074	.1204600
#3	.0234534	.1392973	.0374262	.0059396	.0066698	11.74434	.1196192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017307	.0143265	428.9017	.0429853	.0059031	.0501923	92.88920
Stddev	.0000647	.0000316	1.8728	.0001974	.0002794	.0060572	1.21214
%RSD	3.737983	.2202874	.4366465	.4593038	4.733046	12.06805	1.304934

#1	.0017068	.0142976	427.1201	.0430082	.0058124	.0571844	91.80897
#2	.0018040	.0143602	430.8540	.0427775	.0056803	.0468460	92.65852
#3	.0016814	.0143218	428.7309	.0431704	.0062166	.0465465	94.20010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.095307	144.6900	.0326111	.2664368	.6284310	.0328986	2.093122
Stddev	.012715	1.8459	.0010957	.0021209	.1317524	.0012967	.037242
%RSD	.4107863	1.275751	3.360014	.7960255	20.96530	3.941512	1.779246

#1	3.081208	143.1477	.0338610	.2688281	.4953971	.0342231	2.111741
#2	3.098807	144.1870	.0318163	.2656988	.6310327	.0328410	2.050243
#3	3.105905	146.7352	.0321559	.2647834	.7588634	.0316316	2.117383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.787553	.5763544	.0178768	.0031262	5.245000	3.020286	.0106666
Stddev	.018669	.0016794	.0021415	.0002924	.013873	.030170	.0005608
%RSD	.2750416	.2913875	11.97899	9.353074	.2645009	.9989274	5.257240

#1	6.769983	.5778929	.0175500	.0027936	5.252043	2.992932	.0105396
#2	6.807154	.5766075	.0159175	.0032421	5.229018	3.052646	.0101802
#3	6.785520	.5745628	.0201629	.0033429	5.253938	3.015281	.0112800

Sample Name: J2446-01 Acquired: 4/26/2018 16:20:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1911002	.0275845	.4691412
Stddev	.0019018	.0027590	.0016628
%RSD	.9951628	10.00209	.3544395

#1	.1889569	.0268021	.4672219
#2	.1925859	.0306502	.4701465
#3	.1917578	.0253012	.4700553

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.672	2536.928	35717.00	5038.122	3308.143
Stddev	6.792	5.999	96.21	33.114	3.667
%RSD	.4720819	.2364604	.2693739	.6572695	.1108545

#1	1430.832	2530.071	35615.08	5070.259	3304.774
#2	1442.762	2539.512	35806.24	5004.111	3312.049
#3	1442.421	2541.202	35729.68	5039.997	3307.606

Sample Name: J2445-01 Acquired: 4/26/2018 16:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923625	-.003024	2.460031	.0003931	.0063720	11.67059	.5531734
Stddev	.0043998	.001929	.003426	.0032854	.0003571	.03638	.0035233
%RSD	4.763648	63.79804	.1392589	835.7094	5.604204	.3117558	.6369323

#1	.0900341	-.002562	2.461097	.0036879	.0067837	11.66248	.5505389
#2	.0896162	-.001368	2.456199	-.002883	.0061857	11.63895	.5518057
#3	.0974373	-.005143	2.462797	.000374	.0061465	11.71035	.5571755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009958	.0029683	290.8968	.1686550	.0193546	1.571114	24.26926
Stddev	.0000580	.0001222	.9126	.0002919	.0002095	.002102	.14045
%RSD	5.820252	4.118310	.3137072	.1730956	1.082198	.1337665	.5787185

#1	.0010616	.0029484	290.8396	.1686902	.0195296	1.573423	24.42848
#2	.0009738	.0030992	290.0142	.1689277	.0191225	1.570605	24.21634
#3	.0009521	.0028572	291.8366	.1683471	.0194117	1.569314	24.16296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.441708	102.6754	.0249681	.0006836	.3059677	.3840647	.8441610
Stddev	.002223	.6705	.0006619	.0002876	.2034821	.0007419	.0282964
%RSD	.1541939	.6530005	2.651105	42.06544	66.50445	.1931816	3.352015

#1	1.442474	103.3733	.0255711	.0008842	.4853887	.3832347	.8165488
#2	1.439203	102.6168	.0242598	.0008125	.0848759	.3846635	.8428390
#3	1.443446	102.0362	.0250735	.0003542	.3476385	.3842959	.8730953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.262315	.4082552	.0299961	.0111013	5.418704	3.866946	-.004065
Stddev	.075220	.0020289	.0005767	.0002239	.030479	.036102	.000236
%RSD	2.305731	.4969615	1.922486	2.017061	.5624736	.9335982	5.801703

#1	3.218071	.4092849	.0298997	.0108449	5.384697	3.880666	-.004316
#2	3.219707	.4059179	.0306149	.0112004	5.427858	3.894177	-.004030
#3	3.349166	.4095627	.0294737	.0112585	5.443556	3.825996	-.003848

Sample Name: J2445-01 Acquired: 4/26/2018 16:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2013613	.0301873	.7449874
Stddev	.0002887	.0004836	.0007212
%RSD	.1433715	1.601824	.0968133

#1	.2010567	.0306013	.7452480
#2	.2013965	.0303048	.7441721
#3	.2016308	.0296558	.7455422

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.747	2634.327	36711.86	5082.882	3484.743
Stddev	6.191	3.991	127.18	28.195	4.428
%RSD	.4169833	.1515104	.3464375	.5547018	.1270597

#1	1485.491	2638.852	36728.75	5064.932	3489.824
#2	1490.532	2631.307	36829.75	5068.334	3482.696
#3	1478.217	2632.824	36577.07	5115.379	3481.710

Sample Name: CCV037 Acquired: 4/26/2018 16:28:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810428	4.921216	23.96780	4.825843	4.836759	399.2917
Stddev	.013666	.018334	.02223	.035403	.020885	1.5198
%RSD	.2841008	.3725487	.0927625	.7336215	.4318067	.3806358

#1	4.797614	4.930779	23.96313	4.800885	4.825822	397.5958
#2	4.808858	4.900078	23.94828	4.810282	4.823613	400.5308
#3	4.824811	4.932792	23.99200	4.866361	4.860841	399.7483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.584856	.5022528	2.421529	390.6301	14.50160	2.408133
Stddev	.024052	.0031975	.002720	.9828	.02661	.000780
%RSD	.2509329	.6366330	.1123211	.2515993	.1835252	.0324107

#1	9.610965	.5027732	2.421810	391.5365	14.51163	2.407787
#2	9.563603	.4988270	2.418679	389.5855	14.52174	2.407586
#3	9.579999	.5051582	2.424097	390.7681	14.47143	2.409027

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64429	412.7395	14.32553	406.9735	2.407795	1.202301
Stddev	.01555	5.5014	.08051	4.4799	.001204	.004405
%RSD	.1062044	1.332893	.5620367	1.100779	.0499943	.3663736

#1	14.62749	408.0917	14.41698	402.7071	2.408821	1.200529
#2	14.65820	418.8135	14.26533	411.6400	2.406470	1.207316
#3	14.64717	411.3132	14.29427	406.5734	2.408094	1.199059

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.6136	2.444370	15.03185	149.1909	F 2.837360	4.858588
Stddev	2.2439	.040495	.25876	.4738	.011213	.014133
%RSD	.5587306	1.656675	1.721404	.3175744	.3951863	.2908790

#1	399.0378	2.401923	14.97976	149.6381	2.828715	4.865221
#2	403.1451	2.482581	15.31269	148.6944	2.833335	4.842359
#3	402.6579	2.448607	14.80309	149.2401	2.850030	4.868183

Sample Name: CCV037 Acquired: 4/26/2018 16:28:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813959	5.091298	4.962423	4.875835	4.893549	4.874424
Stddev	.028671	.019148	.032459	.014137	.027330	.007858
%RSD	.5955795	.3761012	.6540924	.2899400	.5584897	.1612082

#1	4.796446	5.092943	4.969964	4.859745	4.862212	4.866852
#2	4.798384	5.071379	4.926857	4.881497	4.912449	4.882540
#3	4.847046	5.109570	4.990447	4.886264	4.905984	4.873879

Elem	Sr4077
Units	ppm
Avg	4.862649
Stddev	.006818
%RSD	.1402173

#1	4.870521
#2	4.858840
#3	4.858586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.997	2295.546	32923.06	4767.666	2890.148
Stddev	3.243	8.290	86.06	34.157	6.513
%RSD	.2557697	.3611315	.2613895	.7164354	.2253544

#1	1264.253	2296.953	32840.78	4759.354	2882.683
#2	1269.959	2303.043	33012.46	4805.212	2894.671
#3	1269.778	2286.643	32915.95	4738.432	2893.089

Sample Name: CCB037 Acquired: 4/26/2018 16:32:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0031671	.0043340	.0006822	-.000337	.0010080	.0215270	-.001818
Stddev	.0029943	.0017476	.0009624	.001944	.0017818	.0149065	.000678
%RSD	94.54565	40.32252	141.0727	577.5457	176.7677	69.24550	37.31335

#1	.0055541	.0041949	.0007755	-.001986	-.000592	.0077169	-.002446
#2	.0041399	.0061469	.0015945	-.000830	.002928	.0373295	-.001099
#3	-.000193	.0026601	-.000323	.001807	.000688	.0195348	-.001909

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000013	.0560670	.0003669	-.000077	.0034305	.0337257
Stddev	.000047	.000034	.0073888	.0000930	.000198	.0021764	.0186444
%RSD	187.9121	264.4867	13.17852	25.34336	257.2551	63.44228	55.28228

#1	-.000076	-.000042	.0573468	.0002753	.000000	.0018101	.0531172
#2	.000016	.000025	.0627323	.0004612	-.000302	.0059043	.0321288
#3	-.000014	-.000023	.0481219	.0003640	.000071	.0025771	.0159312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005326	-.008174	-.000070	-.000176	-.164935	.0026328	-.007646
Stddev	.0004014	.030397	.000523	.000258	.113371	.0034410	.006661
%RSD	75.36167	371.8515	749.0953	146.8987	68.73685	130.6974	87.11416

#1	.0009909	-.042862	-.000205	-.000001	-.295671	-.000004	-.000411
#2	.0003636	.013809	.000507	-.000473	-.093724	.001377	-.013524
#3	.0002434	.004530	-.000512	-.000054	-.105410	.006525	-.009003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.517110	-.004312	.0013749	.0000575	-.006146	-.005980	.0006168
Stddev	.048567	.000789	.0004280	.0000988	.001716	.000933	.0007092
%RSD	9.391975	18.31047	31.12645	171.7037	27.91300	15.60247	114.9848

#1	-.569187	-.004909	.0018688	.0001438	-.007777	-.005618	.0010319
#2	-.509094	-.004609	.0011432	-.000050	-.004357	-.005282	.0010206
#3	-.473050	-.003417	.0011128	.000079	-.006305	-.007040	-.000202

Sample Name: CCB037 Acquired: 4/26/2018 16:32:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0006202	-.001900	.0001520
Stddev	.0002611	.000194	.0000508
%RSD	42.10704	10.19603	33.40441

#1	.0006254	-.001781	.0001422
#2	.0003565	-.001796	.0002070
#3	.0008787	-.002124	.0001069

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.828	2736.679	37846.04	5074.408	3935.131
Stddev	8.840	7.141	83.55	41.508	9.457
%RSD	.5778278	.2609507	.2207706	.8179781	.2403292

#1	1531.075	2728.780	37794.94	5097.150	3924.872
#2	1537.979	2738.576	37942.46	5026.500	3937.018
#3	1520.431	2742.680	37800.72	5099.575	3943.502

Sample Name: J2445-17 Acquired: 4/26/2018 16:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1410288	.0385740	1.322242	.0210589	.0543012	56.89691	2.907452
Stddev	.0030205	.0035485	.000983	.0072784	.0019688	.26993	.009356
%RSD	2.141767	9.199176	.0743807	34.56232	3.625801	.4744162	.3217963

#1	.1399595	.0346035	1.323196	.0231467	.0564759	57.08958	2.915670
#2	.1386884	.0396827	1.321231	.0270654	.0537878	57.01275	2.909417
#3	.1444385	.0414358	1.322301	.0129647	.0526400	56.58840	2.897270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526004	.0475276	59.66333	1.364771	.5801950	.9606895	519.9973
Stddev	.0003707	.0002705	.10245	.002606	.0005144	.0038747	2.7851
%RSD	.7046621	.5692279	.1717086	.1909480	.0886673	.4033263	.5356083

#1	.0526178	.0473958	59.61067	1.362377	.5798489	.9591031	520.8405
#2	.0522214	.0478387	59.78140	1.364388	.5807862	.9651056	522.2633
#3	.0529621	.0473482	59.59793	1.367547	.5799499	.9578597	516.8879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.28548	77.11041	2.113516	.0499637	2.785971	.7052702	2.759339
Stddev	.06220	.31938	.000717	.0004320	.262901	.0033399	.055067
%RSD	.3819561	.4141883	.0339213	.8646265	9.436612	.4735673	1.995676

#1	16.26031	77.23926	2.113802	.0496489	2.912247	.7066700	2.767251
#2	16.23980	77.34523	2.112700	.0504562	2.483756	.7076825	2.810023
#3	16.35632	76.74673	2.114045	.0497860	2.961910	.7014582	2.700744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.191435	1.443122	-.001579	.0497925	6.330247	4.569873	.0765223
Stddev	.094105	.001177	.020576	.0002901	.038428	.054079	.0018255
%RSD	2.245166	.0815545	1303.347	.5826187	.6070483	1.183383	2.385609

#1	4.299943	1.441768	.009648	.0496213	6.295478	4.588491	.0757924
#2	4.132161	1.443897	.010942	.0496287	6.371507	4.508945	.0751747
#3	4.142201	1.443701	-.025326	.0501274	6.323755	4.612184	.0785998

Sample Name: J2445-17 Acquired: 4/26/2018 16:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6444975	.0460975	.3449396
Stddev	.0038517	.0011212	.0005185
%RSD	.5976315	2.432234	.1503213

#1	.6431777	.0450027	.3451078
#2	.6488356	.0460464	.3443578
#3	.6414791	.0472433	.3453531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.497	2718.770	38298.01	5318.426	3474.236
Stddev	11.512	6.112	152.93	31.717	5.951
%RSD	.7536358	.2248042	.3993097	.5963665	.1712963

#1	1528.493	2712.616	38437.81	5331.685	3468.232
#2	1515.520	2718.855	38134.68	5341.363	3474.344
#3	1538.479	2724.839	38321.54	5282.231	3480.133

Sample Name: J2445-18 Acquired: 4/26/2018 16:40:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1424623	.0404006	1.299994	.0218981	.0534388	56.37488	2.930825
Stddev	.0056884	.0009526	.001919	.0031076	.0016576	.25924	.010032
%RSD	3.992898	2.357944	.1475979	14.19128	3.101796	.4598590	.3422990

#1	.1418215	.0412066	1.300997	.0219149	.0552913	56.09090	2.919272
#2	.1371214	.0406460	1.297781	.0249973	.0520957	56.59886	2.935867
#3	.1484439	.0393493	1.301203	.0187821	.0529293	56.43489	2.937336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534508	.0478954	59.27521	1.355180	.5856839	.9576966	508.6571
Stddev	.0003661	.0000958	.01766	.001761	.0019493	.0034768	3.9785
%RSD	.6848832	.2000199	.0297875	.1299549	.3328227	.3630376	.7821490

#1	.0530864	.0477896	59.26546	1.354521	.5849122	.9608198	504.4629
#2	.0538185	.0479204	59.26458	1.353844	.5842387	.9583195	512.3774
#3	.0534474	.0479763	59.29559	1.357175	.5879009	.9539504	509.1310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.17483	75.99669	2.098894	.0499379	2.772612	.7068501	2.773282
Stddev	.06720	.57764	.006365	.0005559	.113174	.0015196	.012945
%RSD	.4154684	.7600872	.3032709	1.113117	4.081863	.2149850	.4667925

#1	16.24367	75.33161	2.094551	.0493613	2.822513	.7051056	2.758941
#2	16.17144	76.37301	2.095931	.0504704	2.643063	.7078857	2.776801
#3	16.10939	76.28546	2.106201	.0499822	2.852259	.7075591	2.784104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.099809	1.425029	-.008294	.0489337	6.244199	4.537751	.0753622
Stddev	.059792	.006385	.008016	.0002300	.024471	.026004	.0004021
%RSD	1.458410	.4480309	96.64825	.4700839	.3919027	.5730588	.5335759

#1	4.038964	1.426518	-.017214	.0491468	6.253418	4.520124	.0753780
#2	4.158489	1.418031	-.005975	.0489644	6.216458	4.567616	.0757561
#3	4.101975	1.430538	-.001693	.0486898	6.262722	4.525511	.0749524

Sample Name: J2445-18 Acquired: 4/26/2018 16:40:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6358783	.0465672	.3419045
Stddev	.0035695	.0001824	.0010348
%RSD	.5613505	.3917909	.3026568

#1	.6317570	.0467775	.3416290
#2	.6378873	.0464729	.3430492
#3	.6379906	.0464513	.3410354

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.016	2749.319	38627.47	5329.374	3510.717
Stddev	4.499	2.104	91.03	31.125	6.468
%RSD	.2938741	.0765211	.2356587	.5840232	.1842423

#1	1533.223	2750.581	38522.54	5344.399	3511.768
#2	1525.839	2746.890	38674.59	5293.587	3516.595
#3	1533.985	2750.485	38685.28	5350.135	3503.787

Sample Name: J2445-19 Acquired: 4/26/2018 16:44:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2147861	.1504611	1.300222	.0404700	.2458180	59.76007	7.232205
Stddev	.0011443	.0016180	.004495	.0022390	.0008519	.26504	.015039
%RSD	.5327431	1.075385	.3456757	5.532566	.3465714	.4435019	.2079476

#1	.2137334	.1486187	1.299281	.0415396	.2460647	59.83515	7.246871
#2	.2160040	.1511131	1.296272	.0378968	.2465194	59.46559	7.216818
#3	.2146209	.1516514	1.305112	.0419736	.2448700	59.97946	7.232927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1611077	.1542332	58.66129	1.760955	1.676531	1.482367	497.2787
Stddev	.0016682	.0004539	.13077	.003312	.004368	.004036	2.8950
%RSD	1.035444	.2943212	.2229299	.1881061	.2605495	.2722514	.5821594

#1	.1591836	.1537095	58.67114	1.764132	1.672891	1.485790	497.8141
#2	.1621488	.1544761	58.78686	1.761211	1.675329	1.477917	494.1535
#3	.1619907	.1545141	58.52587	1.757522	1.681375	1.483393	499.8686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.01001	75.07086	3.151097	.1481626	2.801569	1.858206	3.825038
Stddev	.02668	.50207	.004224	.0010294	.089637	.009033	.029039
%RSD	.1568356	.6687924	.1340457	.6947675	3.199528	.4861115	.7591757

#1	17.00764	75.43099	3.146220	.1489995	2.815530	1.867373	3.853155
#2	17.03780	74.49735	3.153525	.1470132	2.705770	1.849314	3.795158
#3	16.98460	75.28425	3.153547	.1484751	2.883405	1.857930	3.826800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.036828	1.416667	-.020490	.0470190	6.166719	4.489215	.0729001
Stddev	.015221	.005438	.017220	.0004923	.024466	.031548	.0013833
%RSD	.3770517	.3838489	84.03815	1.047045	.3967373	.7027505	1.897528

#1	4.051481	1.411516	-.006295	.0474323	6.138917	4.455334	.0741735
#2	4.021097	1.416131	-.039645	.0471503	6.176276	4.517745	.0730985
#3	4.037907	1.422352	-.015530	.0464743	6.184963	4.494567	.0714283

Sample Name: J2445-19 Acquired: 4/26/2018 16:44:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARR5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6306238	.0479151	.3381292
Stddev	.0055847	.0010085	.0002145
%RSD	.8855903	2.104697	.0634352

#1	.6273439	.0485758	.3383455
#2	.6274553	.0467543	.3379166
#3	.6370721	.0484151	.3381254

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.153	2751.618	38372.25	5270.112	3521.811
Stddev	9.019	4.617	144.13	22.660	2.724
%RSD	.5890372	.1678039	.3756222	.4299710	.0773445

#1	1524.955	2746.899	38269.73	5289.789	3520.754
#2	1541.500	2756.127	38537.05	5275.209	3524.905
#3	1527.003	2751.829	38309.97	5245.337	3519.774

Sample Name: J2445-23 Acquired: 4/26/2018 16:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107370	-.006517	2.286908	.0110285	.0202911	104.5150	2.078612
Stddev	.0073065	.003538	.028874	.0012783	.0006723	.1406	.005233
%RSD	6.598059	54.29251	1.262580	11.59054	3.313071	.1345081	.2517535

#1	.1190627	-.003097	2.315021	.0098934	.0195436	104.5936	2.079615
#2	.1077555	-.006290	2.257329	.0124131	.0208461	104.3527	2.072950
#3	.1053926	-.010163	2.288374	.0107791	.0204836	104.5988	2.083271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133434	.0111104	55.74426	.2993849	.0951506	.6502123	285.1646
Stddev	.0001234	.0002361	.19220	.0017046	.0014929	.0039743	1.3300
%RSD	.9251692	2.124779	.3447813	.5693766	1.568985	.6112238	.4664139

#1	.0132104	.0113008	55.67272	.2976203	.0960487	.6528411	285.8015
#2	.0134542	.0108463	55.59810	.3010225	.0934273	.6456403	283.6359
#3	.0133657	.0111841	55.96197	.2995118	.0959759	.6521554	286.0564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52561	14.49817	.1849057	.0073163	1.490718	.3262113	3.056594
Stddev	.02850	.08813	.0030954	.0000906	.239054	.0020246	.033441
%RSD	.2707817	.6078376	1.674017	1.238919	16.03614	.6206242	1.094056

#1	10.49619	14.46767	.1883439	.0072373	1.234044	.3246138	3.094130
#2	10.52755	14.42934	.1823407	.0074153	1.531104	.3284882	3.029981
#3	10.55309	14.59749	.1840326	.0072964	1.707007	.3255320	3.045669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.104769	4.441002	.0322037	.0116239	4.564936	8.155725	.0891915
Stddev	.069879	.043906	.0066537	.0002047	.048493	.055806	.0006612
%RSD	.8621990	.9886538	20.66116	1.761386	1.062287	.6842532	.7412887

#1	8.025556	4.483241	.0376703	.0118474	4.614593	8.095714	.0896402
#2	8.157682	4.395599	.0247951	.0114454	4.517698	8.206060	.0884322
#3	8.131070	4.444167	.0341458	.0115789	4.562519	8.165400	.0895022

Sample Name: J2445-23 Acquired: 4/26/2018 16:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7591820	.1045204	.2880628
Stddev	.0018897	.0015916	.0013926
%RSD	.2489058	1.522737	.4834447

#1	.7613513	.1057579	.2871338
#2	.7583004	.1027250	.2873907
#3	.7578943	.1050783	.2896640

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.266	2974.112	41999.52	5798.032	3512.906
Stddev	6.269	29.180	65.01	19.741	44.448
%RSD	.3753435	.9811208	.1547951	.3404694	1.265269

#1	1676.091	2944.668	41924.68	5820.423	3465.776
#2	1671.077	3003.020	42031.84	5790.535	3554.069
#3	1663.631	2974.648	42042.04	5783.139	3518.873

Sample Name: J2445-17LX5 Acquired: 4/26/2018 16:52:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368510	.0098055	.2646842	.0011354	.0125248	11.83428	.6429615
Stddev	.0034138	.0040994	.0034666	.0023181	.0013721	.02135	.0017566
%RSD	9.263899	41.80745	1.309708	204.1617	10.95520	.1804043	.2732000

#1	.0407829	.0141855	.2617812	.0038112	.0110928	11.85722	.6423015
#2	.0351293	.0060608	.2637488	-.000262	.0138280	11.83061	.6449525
#3	.0346409	.0091703	.2685224	-.000143	.0126535	11.81500	.6416306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125799	.0101829	12.85059	.2939049	.1240639	.2098964	108.8644
Stddev	.0000855	.0000697	.03507	.0006275	.0003904	.0016408	.4231
%RSD	.6796822	.6845153	.2729229	.2135011	.3146850	.7817119	.3886068

#1	.0125191	.0102583	12.84982	.2931910	.1238658	.2094961	109.3508
#2	.0126776	.0101697	12.88604	.2941547	.1238122	.2117003	108.5820
#3	.0125428	.0101208	12.81591	.2943690	.1245136	.2084929	108.6604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.475062	16.15376	.4357971	.0114538	.5120855	.1624343	.5805445
Stddev	.023513	.07990	.0005199	.0000845	.0792439	.0072020	.0055386
%RSD	.6766109	.4946305	.1192909	.7377183	15.47475	4.433776	.9540295

#1	3.461836	16.21834	.4357089	.0115512	.4777741	.1616876	.5741566
#2	3.502210	16.17852	.4353270	.0113993	.4557794	.1556348	.5834698
#3	3.461142	16.06440	.4363554	.0114110	.6027031	.1699806	.5840070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4191541	.2869257	-.004217	.0099529	1.265510	.9901795	.0149105
Stddev	.1209644	.0012599	.003399	.0002744	.003955	.0072710	.0003203
%RSD	28.85918	.4390942	80.59827	2.756901	.3125230	.7343071	2.148338

#1	.2822709	.2857297	-.000387	.0100661	1.263369	.9826372	.0151372
#2	.4635201	.2868065	-.006874	.0101525	1.263086	.9907565	.0145440
#3	.5116713	.2882409	-.005390	.0096400	1.270074	.9971447	.0150502

Sample Name: J2445-17LX5 Acquired: 4/26/2018 16:52:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1362183	.0083052	.0728924
Stddev	.0006555	.0013650	.0002509
%RSD	.4812044	16.43570	.3441311

#1	.1360323	.0098599	.0726689
#2	.1369466	.0073034	.0731637
#3	.1356758	.0077522	.0728446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.754	2745.044	38132.92	5176.269	3795.138
Stddev	12.291	3.520	9.41	14.476	2.052
%RSD	.7972309	.1282415	.0246784	.2796616	.0540689

#1	1528.212	2741.157	38125.76	5192.696	3793.175
#2	1544.847	2748.018	38143.58	5165.377	3797.269
#3	1552.204	2745.958	38129.43	5170.734	3794.971

Sample Name: J2445-20 Acquired: 4/26/2018 16:56:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254833	-.005709	2.542107	.0123128	.0281415	94.39154	2.217958
Stddev	.0012493	.003621	.001052	.0030993	.0010128	.34512	.002036
%RSD	.9956179	63.42170	.0413763	25.17135	3.599032	.3656305	.0917842

#1	.1243879	-.007219	2.541818	.0097908	.0289545	94.51620	2.219408
#2	.1268440	-.001578	2.541230	.0157727	.0270069	94.65702	2.218835
#3	.1252181	-.008330	2.543273	.0113748	.0284631	94.00141	2.215631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142867	.0131974	41.03618	.3241777	.0901803	.6316929	376.4820
Stddev	.0001478	.0002095	.06237	.0004036	.0002557	.0066688	2.1904
%RSD	1.034163	1.587575	.1519991	.1244833	.2835602	1.055699	.5818203

#1	.0142682	.0130582	40.96722	.3238906	.0904327	.6390214	377.4632
#2	.0144428	.0130956	41.05265	.3246391	.0899213	.6300761	378.0103
#3	.0141490	.0134383	41.08866	.3240034	.0901868	.6259812	373.9725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.63827	11.33010	.1596623	.0096357	1.671878	.3413847	3.329141
Stddev	.01960	.11537	.0006152	.0003768	.194305	.0068062	.024719
%RSD	.1684185	1.018282	.3853220	3.910844	11.62194	1.993704	.7425077

#1	11.63200	11.36474	.1593250	.0094892	1.826068	.3351156	3.328262
#2	11.62257	11.42419	.1592896	.0100638	1.453633	.3404145	3.354287
#3	11.66024	11.20138	.1603724	.0093541	1.735933	.3486239	3.304873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.555644	4.800169	-.020812	.0134122	3.824403	5.196433	.0960167
Stddev	.056468	.019774	.009117	.0002175	.001759	.015419	.0027049
%RSD	.8613688	.4119530	43.80419	1.621287	.0459971	.2967172	2.817112

#1	6.498271	4.779425	-.015998	.0131786	3.822405	5.200670	.0990113
#2	6.557498	4.802277	-.015112	.0136087	3.825719	5.179339	.0952880
#3	6.611162	4.818805	-.031327	.0134494	3.825084	5.209290	.0937508

Sample Name: J2445-20 Acquired: 4/26/2018 16:56:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4602462	.0758164	.2699553
Stddev	.0014173	.0012971	.0004970
%RSD	.3079557	1.710884	.1841175

#1	.4618791	.0760729	.2702671
#2	.4593335	.0769660	.2702168
#3	.4595262	.0744101	.2693821

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.430	3044.812	42344.03	5812.764	3623.805
Stddev	10.139	4.433	71.20	22.878	3.200
%RSD	.5976505	.1455855	.1681432	.3935905	.0882944

#1	1684.763	3041.249	42274.22	5811.390	3626.968
#2	1703.104	3043.411	42341.32	5836.298	3620.570
#3	1701.422	3049.776	42416.54	5790.603	3623.876

Sample Name: J2445-21 Acquired: 4/26/2018 17:00:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1516849	.0019291	2.638296	.0146169	.0246897	114.9953	2.486944
Stddev	.0034602	.0032274	.003267	.0052011	.0008016	.4563	.001271
%RSD	2.281206	167.2992	.1238392	35.58315	3.246740	.3968223	.0510993

#1	.1486608	.0054147	2.635391	.0146965	.0237902	114.5440	2.486557
#2	.1509356	.0013282	2.641833	.0197777	.0249504	115.4565	2.488364
#3	.1554585	-.000956	2.637662	.0093764	.0253285	114.9853	2.485912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168165	.0250913	42.03382	.2875822	.1254022	.7210031	381.2129
Stddev	.0001029	.0001484	.08142	.0006208	.0002332	.0022892	3.5867
%RSD	.6119858	.5913311	.1936981	.2158548	.1859843	.3174974	.9408711

#1	.0168117	.0252601	42.03381	.2868674	.1254504	.7214294	377.5611
#2	.0167161	.0249815	42.11525	.2878935	.1256075	.7230492	384.7308
#3	.0169217	.0250322	41.95241	.2879858	.1251486	.7185308	381.3467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58655	14.60806	.2082331	.0102384	2.582731	.4177215	4.395498
Stddev	.03818	.15730	.0004364	.0007056	.081548	.0073710	.075997
%RSD	.2617608	1.076774	.2095711	6.891369	3.157419	1.764576	1.728975

#1	14.57357	14.46903	.2077333	.0094731	2.571282	.4103377	4.320342
#2	14.62952	14.77879	.2084272	.0108630	2.507512	.4177472	4.472309
#3	14.55654	14.57635	.2085388	.0103791	2.669397	.4250796	4.393841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.708784	4.936880	-.019673	.0129027	4.027557	1.660768	.2020224
Stddev	.059356	.011000	.009791	.0002049	.007659	.006191	.0011006
%RSD	.7699825	.2228201	49.77081	1.587999	.1901632	.3727948	.5447929

#1	7.654012	4.933327	-.029244	.0130875	4.025516	1.663835	.2016052
#2	7.700487	4.928095	-.009675	.0129382	4.021125	1.653642	.2011914
#3	7.771852	4.949218	-.020099	.0126823	4.036029	1.664828	.2032706

Sample Name: J2445-21 Acquired: 4/26/2018 17:00:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3874991	.1058078	.3283581
Stddev	.0037149	.0008336	.0001390
%RSD	.9586864	.7878372	.0423313

#1	.3866616	.1050518	.3283914
#2	.3915612	.1067018	.3284775
#3	.3842744	.1056700	.3282055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.034	3071.914	42546.33	5904.265	3582.898
Stddev	4.679	10.647	64.56	18.509	9.084
%RSD	.2736313	.3466019	.1517323	.3134851	.2535354

#1	1706.510	3061.817	42614.01	5883.952	3573.315
#2	1715.343	3070.889	42485.43	5920.176	3583.997
#3	1708.248	3083.037	42539.54	5908.668	3591.382

Sample Name: J2445-22 Acquired: 4/26/2018 17:04:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDARR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1744724	-.007551	2.546966	.0106731	.0122755	118.7328	2.778025
Stddev	.0044050	.003494	.084165	.0030226	.0015798	.1976	.004114
%RSD	2.524782	46.26620	3.304535	28.31995	12.86935	.1663881	.1480971

#1	.1728318	-.005475	2.488297	.0138871	.0138034	118.8953	2.774449
#2	.1711231	-.005594	2.509202	.0102445	.0123747	118.7904	2.782521
#3	.1794623	-.011584	2.643399	.0078876	.0106485	118.5129	2.777104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176015	.1329128	42.96813	.3129741	.1611029	.5332749	369.0144
Stddev	.0001115	.0050652	.15014	.0017625	.0051777	.0042832	1.9494
%RSD	.6333514	3.810904	.3494314	.5631594	3.213928	.8031820	.5282712

#1	.0175428	.1292567	42.79482	.3136163	.1574820	.5376491	371.1652
#2	.0177300	.1307873	43.05055	.3109805	.1587933	.5290890	368.5141
#3	.0175315	.1386945	43.05901	.3143255	.1670336	.5330867	367.3639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38364	19.02029	.2704623	.0089129	2.851184	.4350061	6.135784
Stddev	.03437	.25267	.0096810	.0003191	.166051	.0069200	.064983
%RSD	.2389740	1.328412	3.579439	3.580350	5.823919	1.590788	1.059082

#1	14.35791	19.30860	.2631498	.0092381	2.671283	.4408796	6.197820
#2	14.37032	18.91486	.2667961	.0086002	2.883691	.4273775	6.141322
#3	14.42267	18.83741	.2814409	.0089005	2.998576	.4367613	6.068209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.562144	3.631766	-.024469	.0116802	4.539658	4.749834	.1327670
Stddev	.071204	.122196	.005660	.0002176	.152948	.019278	.0056069
%RSD	.9415843	3.364633	23.13140	1.863344	3.369149	.4058568	4.223074

#1	7.557710	3.546613	-.018044	.0114885	4.429856	4.727574	.1287232
#2	7.635461	3.576907	-.026643	.0116352	4.474765	4.760922	.1304103
#3	7.493261	3.771777	-.028719	.0119168	4.714353	4.761006	.1391676

Sample Name: J2445-22 Acquired: 4/26/2018 17:04:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDARR8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3941909	.1033394	.2552475
Stddev	.0042542	.0013359	.0004886
%RSD	1.079220	1.292706	.1914401

#1	.3933209	.1037868	.2549101
#2	.3988129	.1043941	.2558079
#3	.3904390	.1018373	.2550245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.542	3157.815	44789.31	6249.579	3511.312
Stddev	7.807	69.379	166.47	28.806	96.114
%RSD	.4343017	2.197061	.3716642	.4609225	2.737279

#1	1803.378	3202.594	44785.96	6277.847	3572.004
#2	1788.674	3192.955	44624.55	6220.264	3561.436
#3	1800.573	3077.897	44957.43	6250.625	3400.497

Sample Name: PB108605BL Acquired: 4/26/2018 17:12:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0031258	.0008178	.0018433	.0009165	.0007653	.0025502	-.000977
Stddev	.0036889	.0019318	.0004369	.0012560	.0015611	.0051765	.000778
%RSD	118.0161	236.2307	23.70173	137.0399	204.0003	202.9826	79.61622

#1	-.000942	-.001291	.0019318	-.000419	.0001133	.0072511	-.001677
#2	.006254	.001242	.0022292	.001094	.0025467	.0033969	-.000139
#3	.004065	.002502	.0013689	.002074	-.000364	-.002997	-.001115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.000073	.0596965	.0002656	-.000182	.0002318	.0590339
Stddev	.000047	.000045	.0129746	.0004416	.000211	.0035794	.0106713
%RSD	64.11257	61.98538	21.73424	166.2917	115.9202	1544.303	18.07647

#1	-.000029	-.000027	.0647605	.0004897	.000060	.0036882	.0699068
#2	-.000122	-.000118	.0693755	-.000243	-.000282	.0004663	.0586185
#3	-.000069	-.000075	.0449536	.000550	-.000325	-.003459	.0485765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012824	-.030502	.0000960	-.000249	-.281187	.0039034	-.000284
Stddev	.0005618	.040217	.0001878	.000432	.158402	.0102925	.016802
%RSD	43.80942	131.8491	195.5238	173.6808	56.33323	263.6810	5914.747

#1	.0018697	.010297	-.000111	-.000126	-.212816	-.007795	-.013337
#2	.0012275	-.031693	.000144	.000109	-.168454	.011570	-.006187
#3	.0007501	-.070110	.000255	-.000729	-.462292	.007935	.018673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.42129	-.001108	-.005023	-.000067	-.008910	-.005636	.0020367
Stddev	.04342	.000914	.000528	.000060	.001474	.000768	.0002001
%RSD	3.055105	82.47971	10.51263	89.70907	16.53835	13.62443	9.824742

#1	-1.47058	-.000088	-.004695	-.000065	-.009334	-.004808	.0018704
#2	-1.38871	-.001852	-.005632	-.000008	-.007271	-.006324	.0019809
#3	-1.40457	-.001383	-.004742	-.000128	-.010125	-.005775	.0022587

Sample Name: PB108605BL Acquired: 4/26/2018 17:12:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0007642	-.003169	.0000372
Stddev	.0019612	.000952	.0000294
%RSD	256.6433	30.04459	79.10256

#1	.0017339	-.003394	.0000619
#2	-.001493	-.003988	.0000450
#3	.002052	-.002124	.0000047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.794	2791.068	38753.55	5121.142	4021.613
Stddev	7.129	5.341	163.87	39.785	3.573
%RSD	.4553196	.1913490	.4228590	.7768856	.0888434

#1	1557.713	2789.588	38601.55	5124.750	4017.490
#2	1571.193	2796.992	38927.15	5079.675	4023.804
#3	1568.477	2786.623	38731.94	5159.000	4023.545

Sample Name: PB108605BS Acquired: 4/26/2018 17:16:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156988	.0514759	.0206794	.0653507	.1138459	.3927320	.3850621
Stddev	.0036662	.0018038	.0007328	.0012043	.0011202	.0195490	.0018023
%RSD	23.35366	3.504060	3.543675	1.842864	.9839806	4.977686	.4680405

#1	.0114677	.0525286	.0204281	.0666981	.1150936	.3709817	.3868933
#2	.0176946	.0525060	.0201053	.0649746	.1135174	.3983770	.3850029
#3	.0179341	.0493931	.0215048	.0643792	.1129266	.4088373	.3832903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099715	.0093761	10.23499	.0209561	.0936383	.0520747	.2848092
Stddev	.0002118	.0000887	.01418	.0004120	.0001808	.0042457	.0336269
%RSD	2.123839	.9454833	.1385717	1.965761	.1931027	8.153048	11.80683

#1	.0099131	.0094641	10.21862	.0205046	.0934348	.0517181	.2521644
#2	.0097950	.0092868	10.24349	.0210523	.0937803	.0480186	.2829242
#3	.0102063	.0093774	10.24286	.0213115	.0936999	.0564875	.3193390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338996	9.907374	.0774178	.0183806	9.260707	.1113912	.1170439
Stddev	.0007989	.168412	.0004547	.0001779	.222288	.0009156	.0100545
%RSD	2.356605	1.699861	.5873126	.9677157	2.400337	.8219576	8.590399

#1	.0345128	9.886748	.0779387	.0182443	9.420268	.1103361	.1063505
#2	.0341899	9.750226	.0771005	.0185818	9.006808	.1118613	.1184751
#3	.0329962	10.08515	.0772142	.0183158	9.355043	.1119763	.1263062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.103103	.0122863	.0149100	.0207377	.1555022	.1838005	.0139676
Stddev	.061356	.0022873	.0021604	.0001944	.0008035	.0037785	.0014615
%RSD	.7571961	18.61642	14.48975	.9375350	.5167419	2.055769	10.46372

#1	8.055686	.0100882	.0137570	.0206758	.1555863	.1809884	.0128541
#2	8.081224	.0146534	.0135707	.0205817	.1546599	.1823175	.0156226
#3	8.172400	.0121174	.0174023	.0209555	.1562604	.1880955	.0134262

Sample Name: PB108605BS Acquired: 4/26/2018 17:16:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2048072	.0872668	.1998075
Stddev	.0013732	.0001761	.0008384
%RSD	.6705012	.2017349	.4196110

#1	.2039563	.0870885	.1990124
#2	.2040739	.0874405	.2006834
#3	.2063914	.0872714	.1997265

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.143	2721.837	37804.85	5026.683	3879.035
Stddev	13.672	3.134	260.00	35.953	2.282
%RSD	.8976452	.1151451	.6877325	.7152449	.0588216

#1	1521.598	2720.865	37795.23	5057.800	3880.330
#2	1510.309	2725.342	37549.80	5034.925	3876.400
#3	1537.523	2719.304	38069.52	4987.325	3880.374

Sample Name: J2528-01 Acquired: 4/26/2018 17:21:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087565	-.021556	1.930978	.0211663	.0252695	114.2671	2.993006
Stddev	.0037775	.005861	.004606	.0046907	.0010860	.1057	.011044
%RSD	3.473364	27.19217	.2385262	22.16107	4.297712	.0925322	.3689976

#1	.1121578	-.021275	1.935073	.0201446	.0250157	114.3641	2.986643
#2	.1046909	-.015840	1.925992	.0262836	.0264600	114.2829	2.986616
#3	.1094210	-.027553	1.931870	.0170707	.0243329	114.1544	3.005758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168295	.0360293	169.3004	.6889051	.0767320	.8571734	607.3599
Stddev	.0001505	.0003768	.5757	.0019132	.0005301	.0097489	5.2413
%RSD	.8941772	1.045923	.3400553	.2777175	.6907938	1.137327	.8629632

#1	.0166945	.0359784	168.9425	.6867118	.0769729	.8503902	610.5503
#2	.0168022	.0356805	168.9942	.6902307	.0761243	.8527848	610.2186
#3	.0169918	.0364290	169.9645	.6897728	.0770988	.8683452	601.3108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.23660	24.14786	.3761745	.0210167	3.341062	.3849808	9.521444
Stddev	.08383	.22602	.0013829	.0003035	.104396	.0071719	.051443
%RSD	.6850770	.9359937	.3676231	1.444264	3.124628	1.862927	.5402851

#1	12.19584	24.23814	.3764135	.0211798	3.226584	.3768142	9.579480
#2	12.18095	24.31478	.3746877	.0212039	3.431005	.3878742	9.503391
#3	12.33302	23.89065	.3774223	.0206665	3.365596	.3902540	9.481460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.872988	1.797092	.0021232	.0650814	6.850138	6.864876	.1287024
Stddev	.014090	.013498	.0119543	.0003272	.028041	.017514	.0007121
%RSD	.2891535	.7510935	563.0383	.5027069	.4093484	.2551307	.5532694

#1	4.858200	1.790624	.0125470	.0652403	6.859566	6.844690	.1280601
#2	4.886258	1.788045	.0047478	.0647051	6.818599	6.876050	.1285789
#3	4.874506	1.812607	-.010925	.0652987	6.872251	6.873887	.1294681

Sample Name: J2528-01 Acquired: 4/26/2018 17:21:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS51 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.048801	.0675985	.7508377
Stddev	.003530	.0006431	.0008303
%RSD	.3365276	.9513967	.1105810

#1	1.050383	.0673500	.7498992
#2	1.044757	.0671167	.7511373
#3	1.051263	.0683288	.7514767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.118	2886.647	40768.60	5813.420	3431.923
Stddev	10.951	11.527	190.05	5.790	12.211
%RSD	.6734192	.3993088	.4661772	.0996046	.3557973

#1	1614.654	2883.073	40573.85	5808.378	3422.004
#2	1627.229	2899.537	40778.36	5812.138	3445.561
#3	1636.470	2877.331	40953.58	5819.744	3428.205

Sample Name: J2528-02 Acquired: 4/26/2018 17:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1665952	-.017674	.6956045	.0162213	.0125019	108.3517	1.713808
Stddev	.0015096	.002547	.0008252	.0019977	.0028968	.4460	.006670
%RSD	.9061438	14.40839	.1186262	12.31530	23.17117	.4116025	.3891830

#1	.1681124	-.017837	.6947340	.0183896	.0157479	107.9370	1.713580
#2	.1650933	-.015050	.6957043	.0158188	.0101793	108.2947	1.707256
#3	.1665798	-.020136	.6963753	.0144555	.0115786	108.8234	1.720590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224790	.0031523	126.2056	.3587469	.1413609	.1591789	537.1402
Stddev	.0000874	.0000681	.6007	.0016080	.0006607	.0027768	2.5681
%RSD	.3888715	2.159709	.4759532	.4482339	.4673491	1.744422	.4781098

#1	.0224587	.0032302	126.5217	.3605131	.1417130	.1570195	534.2017
#2	.0224035	.0031044	125.5129	.3573677	.1405988	.1582061	538.2640
#3	.0225748	.0031222	126.5823	.3583599	.1417709	.1623112	538.9548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34279	56.54580	.1033357	.0096705	2.227283	.6876424	1.043872
Stddev	.09745	.22235	.0005148	.0002711	.123239	.0038132	.013543
%RSD	.5963101	.3932276	.4981434	2.803047	5.533151	.5545366	1.297348

#1	16.41170	56.32905	.1031759	.0098376	2.349541	.6834971	1.029632
#2	16.23130	56.53497	.1039114	.0093577	2.229221	.6884295	1.045396
#3	16.38539	56.77337	.1029198	.0098161	2.103086	.6910007	1.056589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.817477	1.333566	-.075470	.0130839	3.270346	4.741758	.0290150
Stddev	.056840	.003536	.013753	.0003457	.030583	.019836	.0018411
%RSD	1.488953	.2651283	18.22347	2.641852	.9351632	.4183254	6.345172

#1	3.858344	1.330844	-.090149	.0128044	3.237190	4.763186	.0300956
#2	3.752566	1.337562	-.062883	.0134704	3.276397	4.724038	.0300602
#3	3.841521	1.332291	-.073376	.0129769	3.297451	4.738049	.0268892

Sample Name: J2528-02 Acquired: 4/26/2018 17:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6526848	.0855871	.2192057
Stddev	.0019472	.0006601	.0009184
%RSD	.2983389	.7713051	.4189774

#1	.6519575	.0849418	.2190708
#2	.6512059	.0855584	.2183622
#3	.6548909	.0862612	.2201841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.658	3074.928	42996.05	5958.476	3468.053
Stddev	4.298	10.858	91.35	34.191	7.920
%RSD	.2498057	.3531089	.2124655	.5738199	.2283714

#1	1724.834	3074.155	43023.20	5939.062	3469.374
#2	1720.894	3086.151	43070.75	5997.954	3475.230
#3	1716.247	3064.477	42894.20	5938.412	3459.556

Sample Name: J2528-03 Acquired: 4/26/2018 17:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0776480	-.016761	.9456000	.0142084	.0114492	95.23182	.8898330
Stddev	.0045523	.002468	.0056190	.0047586	.0018661	.27469	.0065845
%RSD	5.862713	14.72446	.5942298	33.49149	16.29907	.2884443	.7399665

#1	.0811694	-.014343	.9405082	.0189860	.0099976	95.43585	.8881074
#2	.0725075	-.016663	.9446633	.0141703	.0135541	95.34012	.8842831
#3	.0792671	-.019276	.9516286	.0094690	.0107957	94.91949	.8971084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107878	.0138237	43.76695	.3193993	.0535611	.5762985	390.0658
Stddev	.0000720	.0004850	.24145	.0008545	.0003702	.0003874	4.2066
%RSD	.6674351	3.508166	.5516791	.2675446	.6911930	.0672266	1.078436

#1	.0107198	.0134307	43.57591	.3184916	.0536171	.5759130	392.2062
#2	.0108632	.0136747	43.68659	.3201883	.0531661	.5762945	392.7717
#3	.0107803	.0143657	44.03833	.3195181	.0539002	.5766879	385.2194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.431851	19.86866	.2242823	.0088648	2.053914	.2269813	3.536961
Stddev	.060906	.29772	.0007906	.0003657	.191589	.0024050	.010166
%RSD	.8195284	1.498455	.3524982	4.124811	9.327979	1.059542	.2874123

#1	7.417769	20.07239	.2241115	.0088197	1.860130	.2295075	3.527512
#2	7.379220	20.00661	.2235911	.0092509	2.243229	.2267171	3.547717
#3	7.498565	19.52699	.2251444	.0085238	2.058383	.2247194	3.535655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.648992	1.619099	-.023179	.0414689	2.881769	3.591852	.0761453
Stddev	.032248	.008616	.009444	.0004007	.007821	.030513	.0032414
%RSD	.6936649	.5321780	40.74391	.9662166	.2713920	.8494941	4.256903

#1	4.655909	1.610021	-.023995	.0417221	2.875473	3.617618	.0724208
#2	4.613846	1.620114	-.013354	.0410070	2.879309	3.599781	.0776870
#3	4.677220	1.627164	-.032189	.0416777	2.890524	3.558158	.0783281

Sample Name: J2528-03 Acquired: 4/26/2018 17:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4350630	.0419991	.1867551
Stddev	.0006820	.0007883	.0007448
%RSD	.1567605	1.876968	.3987914

#1	.4357687	.0421074	.1870690
#2	.4344075	.0411622	.1859047
#3	.4350126	.0427276	.1872914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.739	2975.343	41342.76	5727.205	3587.974
Stddev	4.937	14.897	114.91	35.396	15.690
%RSD	.2964136	.5006907	.2779439	.6180262	.4373019

#1	1669.414	2981.989	41421.34	5689.959	3599.833
#2	1667.676	2985.760	41396.06	5731.254	3593.906
#3	1660.127	2958.279	41210.88	5760.402	3570.182

Sample Name: J2528-04 Acquired: 4/26/2018 17:34:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762163	-.011075	.9408513	.0121628	.0134189	95.19185	.8921516
Stddev	.0011637	.002377	.0066832	.0016626	.0013262	.24381	.0019197
%RSD	1.526856	21.45841	.7103400	13.66945	9.882867	.2561289	.2151768

#1	.0765060	-.011301	.9374800	.0138930	.0148774	95.41691	.8899438
#2	.0749351	-.013331	.9365252	.0105772	.0130937	95.22580	.8934268
#3	.0772078	-.008594	.9485488	.0120183	.0122856	94.93284	.8930842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107200	.0140236	43.68673	.3153085	.0528871	.5718990	390.3839
Stddev	.0000705	.0001921	.14913	.0016378	.0002589	.0009260	2.3136
%RSD	.6575176	1.369802	.3413730	.5194157	.4895012	.1619213	.5926459

#1	.0107369	.0139617	43.71784	.3134187	.0528306	.5717155	392.1960
#2	.0107805	.0138700	43.52449	.3161911	.0526612	.5729030	391.1779
#3	.0106426	.0142390	43.81785	.3163157	.0531696	.5710784	387.7779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.423774	19.80889	.2225377	.0090765	2.095846	.2306208	3.486486
Stddev	.018868	.13622	.0012249	.0003687	.135321	.0076819	.029276
%RSD	.2541549	.6876640	.5504178	4.062473	6.456636	3.330984	.8396889

#1	7.410352	19.81823	.2211961	.0088603	1.952815	.2394278	3.518630
#2	7.415624	19.94019	.2228205	.0088669	2.221844	.2253009	3.461351
#3	7.445348	19.66824	.2235965	.0095022	2.112878	.2271337	3.479477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.601845	1.626062	-.025638	.0411131	2.883773	3.615544	.0746782
Stddev	.068131	.001861	.011257	.0005291	.011760	.025833	.0004752
%RSD	1.480514	.1144759	43.90948	1.286856	.4077918	.7145072	.6363286

#1	4.667732	1.625159	-.012772	.0410558	2.873429	3.585782	.0748842
#2	4.531673	1.624824	-.030463	.0406150	2.881325	3.628680	.0750156
#3	4.606131	1.628203	-.033678	.0416685	2.896564	3.632169	.0741348

Sample Name: J2528-04 Acquired: 4/26/2018 17:34:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4359958	.0409088	.1869583
Stddev	.0026478	.0008916	.0001795
%RSD	.6073022	2.179498	.0959909

#1	.4359676	.0411037	.1871640
#2	.4386576	.0399359	.1868334
#3	.4333622	.0416869	.1868775

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.763	3002.572	41913.32	5771.325	3630.782
Stddev	10.022	7.939	199.46	6.343	11.505
%RSD	.5927490	.2644015	.4758898	.1099052	.3168666

#1	1679.664	3000.388	41684.75	5766.868	3633.227
#2	1699.150	3011.374	42052.17	5778.587	3640.867
#3	1693.475	2995.954	42003.03	5768.521	3618.251

Sample Name: J2528-05 Acquired: 4/26/2018 17:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490916	.1022071	.9620881	.0307976	.2033919	97.36382	4.941228
Stddev	.0031277	.0059715	.0008599	.0038479	.0017298	.60585	.031789
%RSD	2.097873	5.842536	.0893821	12.49421	.8504700	.6222514	.6433509

#1	.1512794	.0955521	.9610980	.0335513	.2014024	98.06035	4.967032
#2	.1455092	.1070973	.9625182	.0324405	.2042331	96.95913	4.950935
#3	.1504863	.1039719	.9626481	.0264009	.2045403	97.07199	4.905717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137218	.1233808	42.98309	.7148170	1.164589	1.077906	389.1417
Stddev	.0001446	.0001856	.14242	.0026812	.002682	.006269	3.4887
%RSD	.1271953	.1504085	.3313491	.3750936	.2303083	.5815993	.8965185

#1	.1137910	.1233257	43.13800	.7123814	1.161526	1.082832	392.8353
#2	.1138188	.1235877	42.95347	.7176901	1.165726	1.080035	385.9023
#3	.1135555	.1232290	42.85781	.7143794	1.166516	1.070849	388.6875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.303548	19.55149	1.341373	.1039208	1.937216	1.319338	4.593509
Stddev	.039832	.34034	.001180	.0004183	.096107	.005247	.064034
%RSD	.4796938	1.740736	.0879863	.4024935	4.961085	.3976863	1.394003

#1	8.340346	19.81947	1.340148	.1044014	1.869864	1.322589	4.666678
#2	8.309044	19.16856	1.342502	.1036383	1.894509	1.313285	4.547702
#3	8.261253	19.66643	1.341467	.1037229	2.047274	1.322141	4.566147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.514223	1.597552	-.017971	.0407457	2.815099	3.522109	.0714660
Stddev	.098041	.004282	.011279	.0005422	.014180	.011533	.0008870
%RSD	2.171827	.2680215	62.76289	1.330626	.5037105	.3274417	1.241198

#1	4.562722	1.592921	-.005896	.0407864	2.808129	3.508988	.0721087
#2	4.578562	1.598367	-.028234	.0412663	2.805753	3.530643	.0718354
#3	4.401385	1.601367	-.019783	.0401843	2.831415	3.526695	.0704540

Sample Name: J2528-05 Acquired: 4/26/2018 17:38:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS53S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4301562	.0420931	.1836901
Stddev	.0064440	.0017775	.0006848
%RSD	1.498072	4.222791	.3728243

#1	.4375970	.0441308	.1844376
#2	.4264772	.0408618	.1835398
#3	.4263944	.0412865	.1830929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.817	2969.478	41601.89	5758.081	3610.869
Stddev	11.098	7.240	176.66	35.159	7.649
%RSD	.6618396	.2438299	.4246439	.6105943	.2118424

#1	1669.760	2961.402	41550.49	5742.685	3604.582
#2	1689.609	2975.389	41798.55	5798.311	3608.639
#3	1671.081	2971.644	41456.64	5733.247	3619.385

Sample Name: J2528-03LX5 Acquired: 4/26/2018 17:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS53L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208825	-.003003	.1850392	.0014457	.0022028	20.32910	.1903520
Stddev	.0028100	.002781	.0013444	.0008446	.0010581	.14510	.0007157
%RSD	13.45605	92.63594	.7265460	58.42239	48.03452	.7137744	.3760036

#1	.0215312	-.000971	.1860248	.0012268	.0024165	20.16680	.1900070
#2	.0178050	-.006173	.1855851	.0007321	.0010542	20.37418	.1898740
#3	.0233115	-.001864	.1835078	.0023783	.0031378	20.44631	.1911748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023791	.0022741	9.523211	.0705546	.0100035	.1240034	85.57578
Stddev	.0000529	.0001071	.047468	.0042394	.0003957	.0023810	.91015
%RSD	2.223566	4.708925	.4984452	6.008628	3.955900	1.920114	1.063555

#1	.0023201	.0023956	9.574509	.0687378	.0101530	.1222717	84.52484
#2	.0024223	.0021932	9.480841	.0753996	.0095548	.1230199	86.10071
#3	.0023948	.0022335	9.514284	.0675265	.0103027	.1267186	86.10179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.610818	4.226363	.0431793	.0017174	.3388120	.0507825	.7571259
Stddev	.007990	.064016	.0008617	.0006042	.1657351	.0071274	.0374683
%RSD	.4960204	1.514690	1.995624	35.18411	48.91654	14.03512	4.948750

#1	1.616202	4.163449	.0441339	.0017568	.4911175	.0448692	.7444999
#2	1.601638	4.291427	.0424590	.0010944	.1623079	.0586964	.7992761
#3	1.614615	4.224211	.0429450	.0023009	.3630105	.0487818	.7276016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5828680	.3071467	-.012444	.0085106	.5475952	.7933201	.0144313
Stddev	.0197695	.0046980	.001967	.0000912	.0020974	.0132946	.0001507
%RSD	3.391763	1.529555	15.80978	1.071954	.3830216	1.675820	1.044140

#1	.6056125	.3125675	-.012026	.0085582	.5498142	.7780160	.0145919
#2	.5731832	.3042564	-.014588	.0084054	.5456453	.7999309	.0144088
#3	.5698082	.3046162	-.010720	.0085681	.5473260	.8020135	.0142931

Sample Name: J2528-03LX5 Acquired: 4/26/2018 17:41:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS53L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0936778	.0073012	.0400400
Stddev	.0015996	.0008183	.0001917
%RSD	1.707558	11.20729	.4787484

#1	.0921524	.0075468	.0398380
#2	.0935385	.0079686	.0400628
#3	.0953425	.0063883	.0402193

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.697	2805.475	37683.88	5190.050	3841.960
Stddev	75.820	22.087	1802.00	34.315	36.789
%RSD	4.963039	.7872791	4.781886	.6611685	.9575517

#1	1562.311	2780.591	38526.96	5229.400	3800.734
#2	1440.747	2813.078	35614.88	5174.400	3853.699
#3	1580.032	2822.756	38909.79	5166.350	3871.447

Sample Name: J2528-23 Acquired: 4/26/2018 17:58:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDASQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977215	-.007978	2.563161	.0039041	.0077471	13.80351	.5754601
Stddev	.0013510	.002362	.001261	.0030490	.0018818	.04256	.0049321
%RSD	1.382481	29.60341	.0491943	78.09712	24.29003	.3083450	.8570615

#1	.0966329	-.010409	2.563130	.0003834	.0081176	13.79659	.5733563
#2	.0972981	-.007831	2.564437	.0056715	.0057077	13.76483	.5810952
#3	.0992335	-.005693	2.561915	.0056573	.0094161	13.84911	.5719289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010441	.0031287	304.3374	.1780233	.0191065	1.675608	25.76318
Stddev	.0000587	.0000765	1.3286	.0024844	.0002855	.008033	.25138
%RSD	5.626392	2.443660	.4365638	1.395564	1.494377	.4794344	.9757169

#1	.0010312	.0030935	303.8697	.1808214	.0191056	1.671059	25.70389
#2	.0011082	.0032165	305.8367	.1771725	.0188214	1.684884	25.54675
#3	.0009929	.0030763	303.3059	.1760761	.0193924	1.670882	26.03891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.523450	107.2698	.0257822	.0007240	.0509974	.4128159	.8947613
Stddev	.010985	.9680	.0001394	.0004589	.5361329	.0054565	.0154844
%RSD	.7210324	.9023771	.5408033	63.39103	1051.295	1.321781	1.730564

#1	1.518674	106.8859	.0256265	.0006145	.6634490	.4091365	.9114377
#2	1.536014	106.5526	.0258955	.0003297	-.333432	.4102262	.8808383
#3	1.515662	108.3708	.0258246	.0012277	-.177025	.4190851	.8920078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.062399	.4399031	.0357016	.0114936	5.747558	8.572985	-.002477
Stddev	.071251	.0043073	.0001833	.0006271	.026658	.032674	.001795
%RSD	1.753917	.9791401	.5134329	5.456029	.4638118	.3811245	72.45996

#1	3.980251	.4448545	.0355572	.0118002	5.778191	8.535303	-.000564
#2	4.099538	.4370205	.0359078	.0119085	5.729620	8.593453	-.002743
#3	4.107408	.4378343	.0356397	.0107722	5.734864	8.590199	-.004124

Sample Name: J2528-23 Acquired: 4/26/2018 17:58:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDASQ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3142890	.0344458	.8307896
Stddev	.0010820	.0004222	.0021397
%RSD	.3442674	1.225703	.2575474

#1	.3151072	.0348500	.8283413
#2	.3146975	.0344799	.8323010
#3	.3130622	.0340076	.8317266

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.613	2560.021	35592.20	4984.475	3393.577
Stddev	21.680	2.743	582.57	24.188	.932
%RSD	1.527155	.1071372	1.636791	.4852745	.0274774

#1	1394.684	2562.518	34919.51	4983.318	3392.545
#2	1430.098	2557.086	35931.85	5009.221	3394.359
#3	1434.056	2560.460	35925.22	4960.886	3393.827

Sample Name: CCV038 Acquired: 4/26/2018 18:02:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	4.824961	5.085856	23.69735	4.851688	4.801529	403.7005
Stddev	.020225	.027585	.02996	.011516	.007795	3.0453
%RSD	.4191642	.5423834	.1264147	.2373627	.1623448	.7543389

#1	4.845697	5.117692	23.72848	4.855800	4.810081	401.4497
#2	4.823896	5.069050	23.66873	4.838680	4.794823	402.4863
#3	4.805290	5.070825	23.69484	4.860584	4.799683	407.1656

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.491185	.4991361	2.407579	394.5813	14.34176	2.379993
Stddev	.038587	.0064043	.004751	1.4086	.03970	.004878
%RSD	.4065567	1.283069	.1973420	.3569812	.2767934	.2049524

#1	9.462367	.4936965	2.411754	393.4361	14.37894	2.385578
#2	9.476163	.4975173	2.402409	394.1535	14.29995	2.376569
#3	9.535024	.5061944	2.408572	396.1541	14.34639	2.377832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49815	420.8629	14.22135	411.4318	2.382866	1.180921
Stddev	.09012	3.8087	.06292	4.0632	.005710	.005186
%RSD	.6216288	.9049765	.4424056	.9875863	.2396423	.4391718

#1	14.43707	417.5287	14.15756	408.0496	2.387675	1.185411
#2	14.45571	420.0462	14.22313	410.3068	2.376555	1.182107
#3	14.60165	425.0137	14.28336	415.9390	2.384370	1.175244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.6818	2.449403	13.93607	147.4218	F 2.857374	4.828654
Stddev	3.7283	.019084	.13896	.8692	.008258	.067371
%RSD	.9190254	.7791162	.9971114	.5895769	.2890227	1.395236

#1	403.6744	2.429794	14.07520	146.8454	2.865969	4.768619
#2	403.3873	2.450503	13.93572	146.9983	2.856652	4.815826
#3	409.9837	2.467914	13.79728	148.4215	2.849500	4.901516

Sample Name: CCV038 Acquired: 4/26/2018 18:02:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	4.778375	5.170575	4.923315	4.852817	4.851984	4.784361
Stddev	.007914	.008333	.082349	.007035	.035931	.019486
%RSD	.1656192	.1611535	1.672624	.1449663	.7405414	.4072913

#1	4.784159	5.178526	4.839067	4.860760	4.836762	4.776476
#2	4.769356	5.161907	4.927256	4.847371	4.826170	4.770054
#3	4.781609	5.171291	5.003622	4.850321	4.893020	4.806555

Elem	Sr4077
Units	ppm
Avg	4.820573
Stddev	.023085
%RSD	.4788905

#1	4.809174
#2	4.805404
#3	4.847140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.537	2284.934	33019.93	4781.964	2879.596
Stddev	12.019	2.128	291.31	32.313	4.323
%RSD	.9415074	.0931139	.8822349	.6757269	.1501307

#1	1262.675	2284.376	32694.34	4802.689	2874.700
#2	1282.902	2283.141	33255.91	4798.470	2881.201
#3	1284.035	2287.285	33109.54	4744.731	2882.888

Sample Name: CCB038 Acquired: 4/26/2018 18:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0001303	.0011194	.0001907	.0007078	.0011539	-.000905	-.002686
Stddev	.0033917	.0017048	.0009677	.0016908	.0008662	.004853	.000283
%RSD	2602.687	152.3002	507.4578	238.8877	75.06828	536.3722	10.54469

#1	.0002700	.0018315	.0013081	.0006992	.0002170	-.006485	-.002956
#2	.0034500	.0023527	-.000375	.0024028	.0019258	.002325	-.002710
#3	-.003329	-.000826	-.000361	-.000979	.0013189	.001446	-.002391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000650	-.000007	.0452500	-.000003	.0001406	.0034155	.0247543
Stddev	.0000546	.000040	.0112038	.000668	.0000463	.0011258	.0164037
%RSD	83.94475	534.3199	24.75987	24196.83	32.90044	32.96117	66.26608

#1	.0001116	-.000052	.0324914	-.000219	.0001033	.0041698	.0249802
#2	.0000050	.000004	.0497745	-.000536	.0001263	.0039552	.0410439
#3	.0000785	.000026	.0534840	.000747	.0001924	.0021215	.0082388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002249	-.028675	.0001266	.0000030	-.283859	.0027103	-.008372
Stddev	.0015205	.047424	.0002596	.0001751	.148737	.0043312	.015174
%RSD	676.1234	165.3813	205.1007	5871.460	52.39819	159.8053	181.2457

#1	-.000393	-.063386	.0000581	-.000127	-.391593	-.000183	-.025692
#2	-.000890	.025360	-.000092	-.000067	-.114157	.000624	.002579
#3	.001957	-.048000	.000414	.000202	-.345826	.007690	-.002002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.567311	-.003652	.0006630	.0000036	-.006107	-.003354	.0002564
Stddev	.049595	.001312	.0008947	.0000638	.005243	.001338	.0008145
%RSD	8.742038	35.92308	134.9500	1770.905	85.85518	39.90459	317.7050

#1	-.570809	-.004048	-.000283	.0000110	-.000053	-.004354	.0011845
#2	-.615063	-.002188	.000776	-.000064	-.009154	-.001834	-.000076
#3	-.516060	-.004721	.001496	.000063	-.009115	-.003873	-.000340

Sample Name: CCB038 Acquired: 4/26/2018 18:06:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0007926	-.002654	.0000041
Stddev	.0017239	.000176	.0001142
%RSD	217.4993	6.626134	2758.941

#1	.0024114	-.002728	.0000472
#2	.0009863	-.002453	.0000905
#3	-.001020	-.002781	-.000125

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.143	2741.442	38036.74	5144.383	3948.420
Stddev	16.948	14.313	229.36	73.064	18.606
%RSD	1.102567	.5221079	.6029882	1.420264	.4712248

#1	1523.076	2735.378	37839.29	5221.975	3946.357
#2	1532.393	2731.160	37982.60	5076.900	3930.932
#3	1555.959	2757.790	38288.32	5134.275	3967.972

Sample Name: J2528-06 Acquired: 4/26/2018 18:10:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1509502	.0093213	.7579811	.0129401	.0116566	116.9028
Stddev	.0021997	.0020477	.0058151	.0035263	.0022566	1.8400
%RSD	1.457246	21.96832	.7671764	27.25086	19.35886	1.573973

#1	.1522937	.0093704	.7586932	.0167606	.0141767	119.0265
#2	.1484116	.0072494	.7518428	.0098101	.0109700	115.8954
#3	.1521452	.0113440	.7634073	.0122497	.0098230	115.7864

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.390207	.0191845	.0047182	85.54411	.3388121	.2110120
Stddev	.030508	.0002561	.0005614	1.10589	.0006762	.0010058
%RSD	1.276383	1.334973	11.89837	1.292774	.1995725	.4766608

#1	2.424859	.0193630	.0041627	86.81966	.3383228	.2104432
#2	2.367390	.0192994	.0047066	84.95857	.3385299	.2104195
#3	2.378370	.0188911	.0052853	84.85409	.3395837	.2121734

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1663208	460.0397	F 34.30822	31.26749	.1378089	.0070495
Stddev	.0040862	9.8156	.31092	.77429	.0012076	.0002739
%RSD	2.456798	2.133640	.9062621	2.476335	.8763003	3.884622

#1	.1710391	471.2341	34.65474	32.13956	.1373248	.0073497
#2	.1639488	455.9788	34.21632	31.00219	.1369185	.0068134
#3	.1639745	452.9062	34.05361	30.66073	.1391835	.0069854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.047474	.5831149	1.006780	4.575981	1.312023	-.057941
Stddev	.036614	.0092995	.006509	.042610	.005621	.008955
%RSD	1.788228	1.594797	.6465314	.9311573	.4284428	15.45511

#1	2.027813	.5938272	1.000864	4.609432	1.315217	-.048447
#2	2.089718	.5771138	1.005722	4.528009	1.305533	-.059140
#3	2.024891	.5784037	1.013753	4.590503	1.315321	-.066236

Sample Name: J2528-06 Acquired: 4/26/2018 18:10:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135041	3.240677	5.903866	.0359143	.7044093	.0989318
Stddev	.0005095	.020941	.060586	.0024375	.0104937	.0017068
%RSD	3.772689	.6462037	1.026211	6.787085	1.489715	1.725257

#1	.0140923	3.254242	5.973030	.0378626	.7164937	.1008413
#2	.0131997	3.216558	5.878391	.0331810	.6991369	.0975544
#3	.0132204	3.251230	5.860177	.0366994	.6975972	.0983998

Elem	Sr4077
Units	ppm
Avg	.2098261
Stddev	.0027144
%RSD	1.293632

#1	.2129462
#2	.2085248
#3	.2080074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.435	3119.640	43528.72	5945.733	3516.112
Stddev	3.671	16.484	194.84	82.024	22.417
%RSD	.2099487	.5283916	.4476069	1.379551	.6375433

#1	1752.646	3122.157	43403.75	5854.033	3519.481
#2	1746.749	3134.721	43753.22	5971.054	3536.654
#3	1745.910	3102.042	43429.18	6012.111	3492.202

Sample Name: J2528-07 Acquired: 4/26/2018 18:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368738	.0045932	.6852133	.0182969	.0167320	93.40122
Stddev	.0030182	.0014939	.0056924	.0054660	.0029963	.17373
%RSD	2.205079	32.52362	.8307552	29.87417	17.90780	.1860081

#1	.1350691	.0062425	.6801034	.0208480	.0172739	93.40622
#2	.1351942	.0042062	.6841876	.0120217	.0135017	93.57240
#3	.1403582	.0033309	.6913488	.0220209	.0194204	93.22504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.559366	.0230881	.0038960	39.09392	.2904762	.3247943
Stddev	.007392	.0000946	.0003719	.12059	.0019809	.0024320
%RSD	.2076889	.4098926	9.546122	.3084503	.6819467	.7487765

#1	3.550834	.0230091	.0037158	38.95647	.2907437	.3226122
#2	3.563869	.0230622	.0036484	39.14337	.2923097	.3243546
#3	3.563394	.0231930	.0043237	39.18192	.2883751	.3274162

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292353	616.1058	F 39.84745	9.681860	.1785393	.0096235
Stddev	.0009626	3.0606	.32377	.031563	.0013037	.0004296
%RSD	.7448620	.4967644	.8125197	.3260056	.7302138	4.463596

#1	.1281304	619.6389	39.53113	9.705340	.1776661	.0101193
#2	.1296825	614.4094	39.83304	9.645980	.1779139	.0093853
#3	.1298930	614.2690	40.17819	9.694260	.1800379	.0093657

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.426024	.7877999	.7451088	2.257123	1.381119	-.071444
Stddev	.061115	.0140432	.0041181	.043045	.010324	.012261
%RSD	2.519147	1.782584	.5526813	1.907093	.7475064	17.16119

#1	2.416075	.7953172	.7468844	2.287852	1.372970	-.058894
#2	2.491504	.7715983	.7480412	2.275591	1.377658	-.072045
#3	2.370494	.7964844	.7404008	2.207925	1.392728	-.083394

Sample Name: J2528-07 Acquired: 4/26/2018 18:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171710	2.351693	4.272324	.0119953	.7424245	.0990463
Stddev	.0001577	.014048	.026111	.0016428	.0029263	.0002498
%RSD	.9184155	.5973648	.6111758	13.69499	.3941536	.2522115

#1	.0170017	2.337894	4.242297	.0134261	.7440033	.0989927
#2	.0173137	2.351207	4.284981	.0102014	.7442224	.0993186
#3	.0171976	2.365977	4.289696	.0123584	.7390479	.0988277

Elem	Sr4077
Units	ppm
Avg	.3175337
Stddev	.0007465
%RSD	.2350914

#1	.3166799
#2	.3178577
#3	.3180634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.878	3162.896	44329.64	6067.804	3568.889
Stddev	14.698	7.778	137.62	40.294	12.936
%RSD	.8290349	.2459242	.3104476	.6640636	.3624687

#1	1775.531	3167.267	44262.90	6100.875	3575.942
#2	1786.069	3167.506	44487.90	6079.611	3576.766
#3	1757.035	3153.916	44238.11	6022.925	3553.959

Sample Name: J2528-08 Acquired: 4/26/2018 18:18:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1712739	-.026529	.5410267	.0150629	.0195077	67.11267	1.203429
Stddev	.0019715	.000851	.0028232	.0027974	.0013935	.31061	.000456
%RSD	1.151072	3.206556	.5218186	18.57161	7.143519	.4628133	.0378801

#1	.1710633	-.027104	.5442859	.0181950	.0185308	66.75617	1.202982
#2	.1694161	-.025552	.5394570	.0128129	.0188888	67.25690	1.203412
#3	.1733422	-.026931	.5393371	.0141807	.0211035	67.32494	1.203893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184853	.0014084	20.46759	.3269663	.1016482	.2386810	608.5647
Stddev	.0001143	.0003215	.11796	.0013336	.0001773	.0059852	4.2832
%RSD	.6182107	22.82412	.5763075	.4078601	.1744646	2.507613	.7038171

#1	.0185467	.0017388	20.48588	.3269196	.1015115	.2320463	603.6942
#2	.0185558	.0010966	20.34156	.3256567	.1015845	.2436741	611.7444
#3	.0183535	.0013899	20.57534	.3283226	.1018486	.2403227	610.2555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.340118	4.937498	.1065488	.0116604	2.440409	.6059249	1.155419
Stddev	.024124	.130377	.0001568	.0002414	.030687	.0058828	.018993
%RSD	.2892471	2.640551	.1471350	2.070536	1.257460	.9708832	1.643808

#1	8.367960	4.798631	.1066563	.0118191	2.464894	.6126171	1.157267
#2	8.326970	5.057282	.1066213	.0113826	2.405984	.6035877	1.173421
#3	8.325426	4.956582	.1063689	.0117796	2.450349	.6015697	1.135570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.153268	1.963253	-.050786	.0167456	2.578384	3.020439	.0546929
Stddev	.029973	.004644	.008514	.0004893	.009454	.024028	.0009204
%RSD	2.598985	.2365459	16.76337	2.921993	.3666813	.7955253	1.682789

#1	1.183551	1.968105	-.052089	.0162325	2.589051	2.994116	.0557298
#2	1.123614	1.958850	-.041697	.0167970	2.575058	3.026004	.0543761
#3	1.152638	1.962802	-.058574	.0172071	2.571041	3.041196	.0539728

Sample Name: J2528-08 Acquired: 4/26/2018 18:18:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8716665	.0866140	.2679374
Stddev	.0069399	.0008894	.0002150
%RSD	.7961604	1.026850	.0802412

#1	.8637294	.0857097	.2680637
#2	.8746791	.0866445	.2680592
#3	.8765909	.0874877	.2676891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.338	2909.536	41050.56	5707.757	3599.770
Stddev	4.049	5.955	41.96	13.198	6.064
%RSD	.2459492	.2046846	.1022175	.2312301	.1684492

#1	1646.384	2914.705	41044.20	5722.957	3594.723
#2	1642.266	2910.880	41012.14	5699.212	3606.496
#3	1650.364	2903.024	41095.34	5701.101	3598.091

Sample Name: J2528-09 Acquired: 4/26/2018 18:23:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671391	-.007216	1.628284	.0144161	.0393446	73.41322	1.079015
Stddev	.0047519	.001389	.004876	.0032344	.0034946	.09841	.001906
%RSD	7.077687	19.24870	.2994532	22.43604	8.881999	.1340553	.1766503

#1	.0664433	-.008529	1.624013	.0172686	.0432799	73.30150	1.078727
#2	.0722006	-.007357	1.627242	.0150775	.0381495	73.45106	1.077269
#3	.0627735	-.005762	1.633596	.0109021	.0366043	73.48710	1.081048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092574	.0110317	88.96578	.2895982	.0535270	1.099714	289.6035
Stddev	.0001167	.0002521	.16703	.0007633	.0004498	.004852	.5956
%RSD	1.260200	2.285126	.1877502	.2635767	.8403981	.4412177	.2056563

#1	.0093189	.0107689	89.04937	.2887403	.0530733	1.094409	289.5638
#2	.0091229	.0110548	88.77346	.2902023	.0535347	1.100806	290.2180
#3	.0093305	.0112715	89.07453	.2898521	.0539729	1.103927	289.0288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.462811	16.14122	.1739576	.0467259	1.482831	.1959039	5.205760
Stddev	.023051	.05420	.0005234	.0004329	.122633	.0067075	.038396
%RSD	.3566754	.3357655	.3008948	.9264573	8.270176	3.423854	.7375697

#1	6.489238	16.16284	.1733721	.0462269	1.342470	.1925280	5.205313
#2	6.446848	16.07955	.1741206	.0469490	1.536804	.2036286	5.167589
#3	6.452347	16.18126	.1743802	.0470017	1.569221	.1915551	5.244378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.367495	5.706063	.0129575	.0281483	6.229668	3.722278	.1092608
Stddev	.021814	.021277	.0089636	.0001117	.028225	.038453	.0021486
%RSD	.4994583	.3728908	69.17686	.3967607	.4530810	1.033043	1.966527

#1	4.379546	5.684066	.0118253	.0281433	6.205804	3.742247	.1078343
#2	4.342314	5.707585	.0046138	.0282625	6.222375	3.746638	.1082161
#3	4.380625	5.726539	.0224334	.0280393	6.260824	3.677949	.1117320

Sample Name: J2528-09 Acquired: 4/26/2018 18:23:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6146998	.0505646	.2759786
Stddev	.0024557	.0005429	.0003057
%RSD	.3994887	1.073632	.1107845

#1	.6128319	.0511609	.2758029
#2	.6137862	.0504338	.2758013
#3	.6174813	.0500991	.2763316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.841	2875.542	40446.93	5528.081	3642.547
Stddev	5.206	8.830	38.10	40.860	9.250
%RSD	.3205860	.3070571	.0942040	.7391312	.2539555

#1	1619.275	2882.279	40436.84	5507.423	3645.002
#2	1629.510	2878.801	40414.89	5501.674	3650.323
#3	1622.737	2865.546	40489.07	5575.145	3632.317

Sample Name: J2528-10 Acquired: 4/26/2018 18:27:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2217460	.0063545	1.951151	.0123340	.0161808	86.11805	1.905675
Stddev	.0021190	.0029838	.006513	.0038947	.0012669	.40836	.004712
%RSD	.9555786	46.95526	.3337927	31.57683	7.829572	.4741887	.2472422

#1	.2194677	.0030785	1.944195	.0104824	.0147805	85.72982	1.904044
#2	.2236578	.0070687	1.952154	.0168090	.0172475	86.54394	1.910985
#3	.2221125	.0089165	1.957104	.0097105	.0165144	86.08038	1.901995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164888	.0180503	124.9953	.2124080	.1434422	.5981924	469.0339
Stddev	.0001660	.0002178	.2845	.0004238	.0002193	.0028942	4.3667
%RSD	1.006571	1.206495	.2275879	.1995054	.1529076	.4838190	.9310057

#1	.0166343	.0182709	124.7927	.2124250	.1432228	.5988796	465.0696
#2	.0165242	.0178355	125.3205	.2119760	.1434424	.6006811	473.7145
#3	.0163081	.0180444	124.8727	.2128230	.1436615	.5950165	468.3177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.33446	52.06332	1.138845	.0127037	2.048482	.4332661	5.610370
Stddev	.11946	.52398	.000547	.0006013	.228968	.0041854	.080291
%RSD	.4715411	1.006429	.0480520	4.733025	11.17745	.9660167	1.431115

#1	25.31304	51.69821	1.138454	.0125821	1.917726	.4297305	5.521997
#2	25.46318	52.66370	1.138611	.0133565	1.914854	.4321804	5.678833
#3	25.22715	51.82806	1.139471	.0121726	2.312867	.4378874	5.630279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.340015	2.388118	-.059453	.0245001	4.047814	3.708028	.0799794
Stddev	.068922	.002611	.011675	.0003797	.010414	.022007	.0012317
%RSD	1.588067	.1093525	19.63698	1.549991	.2572857	.5935087	1.539988

#1	4.308621	2.386402	-.072831	.0248045	4.059376	3.691588	.0809198
#2	4.419045	2.386828	-.054210	.0246213	4.039168	3.733029	.0804332
#3	4.292378	2.391123	-.051320	.0240746	4.044900	3.699466	.0785852

Sample Name: J2528-10 Acquired: 4/26/2018 18:27:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7325512	.1040630	.3716685
Stddev	.0064421	.0007212	.0014476
%RSD	.8794116	.6930650	.3894954

#1	.7278876	.1032305	.3705560
#2	.7399019	.1044977	.3733052
#3	.7298641	.1044608	.3711444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.834	2997.462	42299.77	5845.614	3446.006
Stddev	4.236	2.480	144.11	14.844	1.429
%RSD	.2505292	.0827438	.3406931	.2539258	.0414606

#1	1687.087	2999.797	42136.47	5844.167	3444.659
#2	1689.984	2997.731	42353.67	5831.547	3445.855
#3	1695.430	2994.859	42409.15	5861.128	3447.505

Sample Name: J2528-11 Acquired: 4/26/2018 18:31:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2820164	-.032886	3.386028	.0099198	.0317600	72.25536
Stddev	.0049169	.005213	.004856	.0019199	.0006804	.05457
%RSD	1.743482	15.85028	.1434157	19.35475	2.142303	.0755216

#1	.2862834	-.026908	3.380536	.0121366	.0317094	72.25777
#2	.2766393	-.035270	3.387795	.0088334	.0324642	72.30869
#3	.2831263	-.036480	3.389753	.0087894	.0311062	72.19963

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.158968	.0267007	.0146237	282.5550	.2203386	.2001247
Stddev	.003485	.0004283	.0001310	.3522	.0021314	.0006970
%RSD	.1614061	1.604204	.8955666	.1246478	.9673327	.3483052

#1	2.158443	.0266463	.0144725	282.9571	.2184034	.2009097
#2	2.162685	.0263022	.0146959	282.3008	.2226231	.1995783
#3	2.155775	.0271537	.0147026	282.4072	.2199895	.1998860

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7664494	F 960.1887	25.08076	140.1024	.2607891	.0281737
Stddev	.0034867	.3544	.02577	.1594	.0010789	.0005027
%RSD	.4549159	.0369126	.1027296	.1137699	.4137077	1.784318

#1	.7676852	960.5726	25.05330	140.1390	.2619505	.0282450
#2	.7625131	959.8740	25.10441	140.2403	.2605986	.0286370
#3	.7691498	960.1195	25.08458	139.9279	.2598181	.0276392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.603244	.4342292	7.244560	6.013703	4.828934	-.134835
Stddev	.011739	.0078900	.031496	.090114	.007199	.018063
%RSD	.2550097	1.817020	.4347555	1.498479	.1490769	13.39641

#1	4.610360	.4382662	7.241957	6.064391	4.836902	-.127527
#2	4.589695	.4251376	7.277276	5.909660	4.827001	-.121572
#3	4.609676	.4392839	7.214446	6.067058	4.822899	-.155408

Sample Name: J2528-11 Acquired: 4/26/2018 18:31:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS59 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384811	4.010459	3.956092	.4278902	1.043728	.1255944
Stddev	.0004004	.005285	.045630	.0031400	.007130	.0003913
%RSD	1.040506	.1317911	1.153401	.7338230	.6830901	.3115305

#1	.0387288	4.007191	3.937430	.4301837	1.037980	.1260391
#2	.0386954	4.016557	3.922751	.4291753	1.041498	.1254414
#3	.0380192	4.007629	4.008094	.4243115	1.051706	.1253028

Elem	Sr4077
Units	ppm
Avg	.4260202
Stddev	.0008233
%RSD	.1932502

#1	.4250810
#2	.4263625
#3	.4266171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.399	2815.254	40570.11	5738.078	3187.032
Stddev	18.044	.629	285.82	36.597	8.591
%RSD	1.133118	.0223328	.7045152	.6377986	.2695652

#1	1576.672	2815.392	40298.26	5718.794	3178.681
#2	1588.426	2815.802	40543.97	5780.285	3186.572
#3	1612.098	2814.568	40868.11	5715.156	3195.845

Sample Name: J2528-12 Acquired: 4/26/2018 18:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1951168	-.004248	1.006589	.0170573	.0146080	88.09415	1.980392
Stddev	.0026112	.004219	.003830	.0014982	.0021776	.05521	.002480
%RSD	1.338260	99.29716	.3804750	8.783051	14.90715	.0626754	.1252227

#1	.1980114	.000577	1.002259	.0168214	.0161973	88.03967	1.981449
#2	.1944005	-.007238	1.009531	.0186594	.0121258	88.09271	1.977558
#3	.1929386	-.006084	1.007977	.0156911	.0155008	88.15007	1.982167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188722	.0051868	118.9553	.3801188	.2843693	.3126742	484.4948
Stddev	.0001154	.0002130	.2279	.0016038	.0010690	.0026810	2.0471
%RSD	.6116015	4.106851	.1916096	.4219320	.3759051	.8574563	.4225226

#1	.0187389	.0053900	119.1221	.3782701	.2855029	.3156627	482.6375
#2	.0189394	.0049652	118.6956	.3811389	.2842253	.3118795	486.6897
#3	.0189383	.0052053	119.0482	.3809472	.2833796	.3104803	484.1573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.75166	51.06813	.1588662	.0102294	2.198204	.5290560	2.832989
Stddev	.05033	.19238	.0011741	.0003457	.159219	.0076568	.016431
%RSD	.2425527	.3767199	.7390240	3.379917	7.243160	1.447257	.5800025

#1	20.80255	50.84812	.1595659	.0098922	2.381094	.5378510	2.823686
#2	20.70191	51.15154	.1575108	.0102131	2.090505	.5254411	2.851961
#3	20.75051	51.20473	.1595219	.0105831	2.123012	.5238760	2.823320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.732944	2.533562	-.039391	.0249324	4.164260	3.485347	.1029360
Stddev	.078296	.014904	.013248	.0001157	.001390	.020240	.0023778
%RSD	1.654273	.5882710	33.63128	.4641387	.0333892	.5807133	2.310025

#1	4.776662	2.537454	-.031548	.0249007	4.165209	3.481641	.1017850
#2	4.642552	2.517097	-.031938	.0250607	4.164907	3.467217	.1013527
#3	4.779619	2.546133	-.054686	.0248359	4.162664	3.507184	.1056704

Sample Name: J2528-12 Acquired: 4/26/2018 18:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8961750	.0979715	.4309970
Stddev	.0017058	.0017234	.0008678
%RSD	.1903415	1.759053	.2013463

#1	.8978889	.0997131	.4314012
#2	.8961585	.0962670	.4300009
#3	.8944774	.0979344	.4315891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.063	2984.005	42014.19	5873.741	3467.071
Stddev	6.717	4.869	163.99	3.211	2.895
%RSD	.4002665	.1631597	.3903201	.0546730	.0835026

#1	1681.590	2982.599	42143.21	5870.376	3464.712
#2	1670.318	2979.995	41829.65	5874.075	3466.200
#3	1682.281	2989.423	42069.71	5876.773	3470.302

Sample Name: J2528-13 Acquired: 4/26/2018 18:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3489831	-.033929	4.004528	.0295581	.0298423	89.02403
Stddev	.0027594	.005012	.011750	.0050041	.0013282	3.20217
%RSD	.7907075	14.77149	.2934268	16.92969	4.450726	3.596973

#1	.3521088	-.039644	4.018033	.0262567	.0298802	87.32658
#2	.3468846	-.031855	3.998911	.0271019	.0284956	87.02797
#3	.3479560	-.030286	3.996640	.0353157	.0311511	92.71756

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.595176	.0361600	.0262532	89.76290	.1972509	.2796418
Stddev	.119009	.0012476	.0011896	2.89233	.0031525	.0003737
%RSD	3.310254	3.450130	4.531391	3.222189	1.598212	.1336289

#1	3.534172	.0357675	.0269331	87.98837	.1989407	.2800568
#2	3.519038	.0351560	.0269470	88.19988	.1991982	.2793319
#3	3.732318	.0375567	.0248796	93.10044	.1936137	.2795368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109919	F 1067.076	22.42039	15.70488	.2955558	.0355943
Stddev	.075469	36.800	.80478	.59767	.0012005	.0017914
%RSD	3.576850	3.448688	3.589490	3.805633	.4061755	5.032763

#1	2.068057	1048.211	21.95173	15.31920	.2965883	.0342799
#2	2.064659	1043.534	21.95978	15.40208	.2958405	.0348683
#3	2.197040	1109.483	23.34965	16.39335	.2942385	.0376348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.531494	.3861445	17.85135	7.995123	9.610604	^ *****
Stddev	.293192	.0135494	.19237	.421810	.062106	-----
%RSD	5.300407	3.508891	1.077612	5.275835	.6462207	-----

#1	5.417972	.3806346	17.81432	7.786557	9.654898	^ -----
#2	5.312038	.3762181	18.05955	7.718226	9.539614	^ -----
#3	5.864472	.4015808	17.68019	8.480587	9.637300	^ -----

Sample Name: J2528-13 Acquired: 4/26/2018 18:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754905	9.277866	5.079060	.5415368	1.752150	.1280110
Stddev	.0003599	.030865	.172738	.0026723	.063935	.0039255
%RSD	.4768168	.3326743	3.400987	.4934646	3.648962	3.066525

#1	.0752777	9.291039	5.016254	.5443777	1.716906	.1256663
#2	.0752877	9.242600	4.946512	.5411596	1.713593	.1258237
#3	.0759061	9.299959	5.274415	.5390732	1.825951	.1325428

Elem	Sr4077
Units	ppm
Avg	1.694408
Stddev	.060870
%RSD	3.592426

#1	1.660395
#2	1.658146
#3	1.764683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.072	3091.211	43397.11	5987.802	3441.441
Stddev	6.686	6.086	44.72	193.749	6.706
%RSD	.3868898	.1968672	.1030565	3.235723	.1948459

#1	1733.389	3094.351	43447.71	6075.060	3434.512
#2	1720.566	3095.086	43380.74	6122.577	3447.898
#3	1730.260	3084.197	43362.87	5765.769	3441.914

Sample Name: J2528-14 Acquired: 4/26/2018 18:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1661876	.0002765	1.494105	.0051925	.0072363	56.07774	2.914111
Stddev	.0043248	.0017755	.008536	.0039339	.0012584	.39856	.008572
%RSD	2.602371	642.1865	.5712846	75.76207	17.39070	.7107244	.2941549

#1	.1611984	-.001147	1.501067	.0013259	.0083338	56.01817	2.918501
#2	.1688687	-.000289	1.484582	.0050610	.0058628	55.71232	2.904234
#3	.1684957	.002266	1.496666	.0091905	.0075125	56.50273	2.919600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115391	.0090744	73.19595	.1660420	.0738050	.6898673	126.8741
Stddev	.0001207	.0000206	.02911	.0006387	.0004039	.0027066	1.8380
%RSD	1.045751	.2266670	.0397728	.3846453	.5472097	.3923367	1.448652

#1	.0116600	.0090752	73.16368	.1662536	.0740505	.6867656	126.0671
#2	.0115388	.0090946	73.20390	.1653243	.0733389	.6910858	125.5777
#3	.0114186	.0090535	73.22025	.1665479	.0740256	.6917504	128.9776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.346257	10.20186	.1428148	.0095188	1.726367	.1902702	5.146453
Stddev	.003112	.19221	.0006266	.0001233	.033256	.0052844	.120657
%RSD	.0716010	1.884043	.4387246	1.295404	1.926357	2.777302	2.344462

#1	4.344905	10.21422	.1435227	.0095068	1.764186	.1856135	5.135713
#2	4.349816	10.00376	.1425903	.0094020	1.701691	.1960133	5.031526
#3	4.344049	10.38758	.1423315	.0096477	1.713225	.1891838	5.272121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.349208	7.395159	.1649402	.0180612	3.537366	3.414830	.0551341
Stddev	.033702	.020133	.0048732	.0000658	.026253	.025202	.0005281
%RSD	.7748985	.2722451	2.954537	.3641213	.7421665	.7380216	.9577759

#1	4.329841	7.418232	.1613372	.0180486	3.560033	3.443647	.0553851
#2	4.388123	7.386089	.1629984	.0181323	3.508601	3.403936	.0545274
#3	4.329659	7.381157	.1704850	.0180026	3.543465	3.396908	.0554899

Sample Name: J2528-14 Acquired: 4/26/2018 18:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS62 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.023787	.0916423	1.589517
Stddev	.008929	.0011116	.004557
%RSD	.8721763	1.212941	.2866603

#1	1.019997	.0914628	1.589478
#2	1.017378	.0906315	1.584980
#3	1.033986	.0928328	1.594093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.125	2972.810	41838.58	5651.942	3684.914
Stddev	10.067	9.576	373.13	30.059	7.623
%RSD	.6006066	.3221094	.8918311	.5318278	.2068586

#1	1668.074	2979.684	41701.08	5617.953	3685.850
#2	1687.412	2976.873	42260.94	5662.849	3692.025
#3	1672.890	2961.872	41553.70	5675.025	3676.866

Sample Name: J2528-15 Acquired: 4/26/2018 18:46:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2474179	.0001977	5.135822	.0130404	.0292613	97.45566	2.463254
Stddev	.0037695	.0042474	.013387	.0045233	.0025979	.22099	.005151
%RSD	1.523527	2148.658	.2606647	34.68704	8.878319	.2267557	.2091103

#1	.2499232	.0002241	5.151052	.0174935	.0315152	97.70254	2.469192
#2	.2430828	.0044318	5.130503	.0084500	.0298488	97.27636	2.460579
#3	.2492477	-.004063	5.125912	.0131777	.0264200	97.38807	2.459992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109441	.0359603	152.6778	.2700385	.1578155	3.673163	285.7014
Stddev	.0002338	.0003791	.2869	.0000900	.0004927	.013924	1.2508
%RSD	2.136473	1.054102	.1879067	.0333265	.3121916	.3790823	.4377932

#1	.0107293	.0358525	152.9641	.2699734	.1583809	3.673311	286.6425
#2	.0109098	.0356468	152.6790	.2700009	.1574781	3.659166	284.2820
#3	.0111932	.0363816	152.3903	.2701412	.1575876	3.687013	286.1795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.161321	27.12326	.3256554	.0264468	3.561742	.2295280	22.14156
Stddev	.029583	.14480	.0003630	.0000912	.105372	.0038941	.11286
%RSD	.3229096	.5338478	.1114606	.3447967	2.958447	1.696554	.5097187

#1	9.152235	26.95677	.3259763	.0265358	3.640186	.2259379	22.26969
#2	9.194381	27.21983	.3252615	.0264509	3.441970	.2289785	22.09809
#3	9.137347	27.19317	.3257284	.0263536	3.603068	.2336677	22.05691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.404960	7.309019	.0269770	.0320169	9.049594	3.509643	.4543403
Stddev	.059150	.041381	.0052621	.0006117	.044572	.026904	.0031830
%RSD	.9235074	.5661588	19.50591	1.910510	.4925292	.7665621	.7005693

#1	6.336803	7.286052	.0328655	.0314502	9.043526	3.481784	.4530480
#2	6.442883	7.284216	.0253302	.0319353	9.008367	3.511668	.4520067
#3	6.435193	7.356790	.0227352	.0326653	9.096889	3.535476	.4579662

Sample Name: J2528-15 Acquired: 4/26/2018 18:46:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.180258	.1193973	.5902836
Stddev	.008007	.0009755	.0001802
%RSD	.6784014	.8169945	.0305249

#1	1.183962	.1200767	.5903992
#2	1.171069	.1198356	.5900760
#3	1.185742	.1182795	.5903757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.359	2777.177	39207.28	5500.456	3499.676
Stddev	4.934	9.182	159.86	6.288	5.219
%RSD	.3154195	.3306119	.4077413	.1143145	.1491271

#1	1560.143	2783.515	39234.94	5507.176	3497.515
#2	1563.148	2781.370	39035.38	5494.715	3505.629
#3	1569.786	2766.648	39351.50	5499.477	3495.885

Sample Name: J2528-16 Acquired: 4/26/2018 18:50:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1407123	.0188173	1.484149	.0172780	.0145306	68.33389
Stddev	.0019512	.0005798	.007257	.0015460	.0019465	.15376
%RSD	1.386622	3.081309	.4889451	8.948042	13.39596	.2250087

#1	.1384640	.0183583	1.475784	.0154935	.0164808	68.27089
#2	.1417106	.0186246	1.487899	.0182128	.0145231	68.50915
#3	.1419622	.0194689	1.488763	.0181278	.0125878	68.22165

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.497036	.0145464	.0115353	126.4715	.2931352	.2110367
Stddev	.004969	.0000412	.0003462	.9516	.0005395	.0005183
%RSD	.1990084	.2829911	3.001319	.7524569	.1840388	.2455973

#1	2.495446	.0145012	.0119273	125.4733	.2926108	.2109068
#2	2.502606	.0145563	.0114070	127.3685	.2931061	.2116076
#3	2.493057	.0145818	.0112715	126.5727	.2936886	.2105958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5705876	402.1872	F 30.89981	24.54458	.2113674	.0087618
Stddev	.0013990	2.4387	.12455	.08704	.0002091	.0005356
%RSD	.2451925	.6063619	.4030849	.3546370	.0989202	6.112978

#1	.5701318	399.3964	30.78955	24.44659	.2111263	.0085541
#2	.5694733	403.9084	31.03491	24.61294	.2114774	.0093701
#3	.5721577	403.2567	30.87497	24.57421	.2114986	.0083611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592963	.2430513	3.393201	4.657784	3.301971	-.010542
Stddev	.251473	.0055177	.026188	.053223	.006431	.004241
%RSD	15.78652	2.270176	.7717821	1.142674	.1947624	40.23061

#1	1.591233	.2491874	3.369713	4.713203	3.308328	-.012602
#2	1.342359	.2414685	3.388451	4.607068	3.302116	-.013360
#3	1.845297	.2384980	3.421439	4.653080	3.295468	-.005665

Sample Name: J2528-16 Acquired: 4/26/2018 18:50:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS64 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331160	5.176567	3.599725	.0648169	.6955650	.0627900
Stddev	.0004523	.009018	.014643	.0021291	.0026019	.0007449
%RSD	1.365653	.1742036	.4067764	3.284872	.3740707	1.186404

#1	.0332424	5.178975	3.588030	.0634272	.6926883	.0624793
#2	.0326140	5.166590	3.616147	.0637553	.6977537	.0636400
#3	.0334916	5.184136	3.594997	.0672681	.6962531	.0622507

Elem	Sr4077
Units	ppm
Avg	.3648892
Stddev	.0002147
%RSD	.0588324

#1	.3648251
#2	.3651286
#3	.3647139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.090	2898.430	40987.13	5714.224	3508.528
Stddev	11.721	5.186	182.48	33.968	9.450
%RSD	.7124597	.1789208	.4452069	.5944505	.2693359

#1	1632.208	2901.511	40791.43	5697.170	3514.214
#2	1647.939	2892.443	41017.33	5692.162	3497.619
#3	1655.124	2901.337	41152.62	5753.341	3513.750

Sample Name: J2528-17 Acquired: 4/26/2018 18:54:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1243285	-.042867	.7495118	.0198223	.0202391	98.97713	1.136613
Stddev	.0013176	.004257	.0150531	.0073019	.0021396	.47605	.004505
%RSD	1.059781	9.930046	2.008388	36.83651	10.57136	.4809723	.3963654

#1	.1230966	-.047756	.7668188	.0116076	.0206909	98.43251	1.135296
#2	.1257177	-.039980	.7394633	.0222848	.0179098	99.18484	1.132914
#3	.1241711	-.040865	.7422532	.0255746	.0221167	99.31403	1.141630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271817	.0039556	57.60360	.4330285	.1317516	.2151924	768.2384
Stddev	.0002203	.0007691	.18795	.0019456	.0032223	.0030168	5.4774
%RSD	.8103585	19.44323	.3262802	.4492991	2.445719	1.401919	.7129794

#1	.0271297	.0047888	57.59481	.4343931	.1352299	.2176414	761.9184
#2	.0269921	.0032730	57.42020	.4338917	.1288684	.2118224	771.6101
#3	.0274234	.0038049	57.79579	.4308006	.1311563	.2161134	771.1867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31667	10.84423	.0971450	.0175305	2.710239	.9267117	1.665853
Stddev	.02897	.11470	.0019103	.0002980	.120099	.0170235	.031282
%RSD	.2808382	1.057726	1.966490	1.699779	4.431315	1.836976	1.877808

#1	10.32804	10.71695	.0991692	.0173004	2.833377	.9104529	1.646487
#2	10.28374	10.93959	.0953737	.0174241	2.593429	.9252737	1.701942
#3	10.33824	10.87614	.0968921	.0178671	2.703911	.9444086	1.649131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6676142	1.642461	-.089285	.0069674	1.875209	2.052662	.0277865
Stddev	.0928536	.036735	.009693	.0002723	.042540	.005762	.0030681
%RSD	13.90828	2.236603	10.85681	3.908955	2.268552	.2807026	11.04176

#1	.6310541	1.684184	-.097943	.0072646	1.922869	2.049525	.0310244
#2	.5986056	1.614975	-.078813	.0067298	1.841081	2.059311	.0249224
#3	.7731830	1.628223	-.091098	.0069077	1.861676	2.049148	.0274128

Sample Name: J2528-17 Acquired: 4/26/2018 18:54:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS65 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7743243	.0466999	.2092384
Stddev	.0055082	.0016382	.0002449
%RSD	.7113581	3.507914	.1170278

#1	.7681477	.0448829	.2091784
#2	.7760982	.0471529	.2090292
#3	.7787271	.0480639	.2095078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.632	2932.177	41610.75	5799.058	3522.519
Stddev	5.532	41.741	107.62	5.960	62.483
%RSD	.3311338	1.423538	.2586314	.1027781	1.773812

#1	1668.191	2885.062	41529.96	5803.225	3451.728
#2	1666.741	2964.534	41569.38	5792.231	3569.980
#3	1676.965	2946.934	41732.92	5801.718	3545.850

Sample Name: J2528-18 Acquired: 4/26/2018 18:58:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1843356	-.038362	.8619537	.0193750	.0180709	91.63424	2.075226
Stddev	.0052106	.004904	.0049107	.0030567	.0009892	.28997	.008698
%RSD	2.826699	12.78290	.5697194	15.77645	5.474219	.3164399	.4191113

#1	.1873201	-.043866	.8663066	.0158966	.0171300	91.35003	2.076014
#2	.1873677	-.036762	.8629245	.0205957	.0179806	91.92964	2.083503
#3	.1783190	-.034458	.8566301	.0216327	.0191023	91.62306	2.066162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320213	.0111828	41.27597	.2909061	.1688520	.2671592	674.3368
Stddev	.0001078	.0001112	.17756	.0000999	.0010485	.0033035	4.6486
%RSD	.3365937	.9941326	.4301790	.0343546	.6209845	1.236521	.6893629

#1	.0319499	.0112348	41.09081	.2909656	.1700225	.2651764	669.7736
#2	.0321453	.0112584	41.29230	.2909620	.1685348	.2709727	674.1703
#3	.0319687	.0110551	41.44480	.2907907	.1679986	.2653285	679.0664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.16937	10.85164	.2374385	.0140207	2.631448	.6832632	1.904956
Stddev	.04649	.03313	.0019946	.0004795	.247258	.0031036	.014448
%RSD	.3530228	.3053090	.8400658	3.420124	9.396276	.4542243	.7584267

#1	13.16540	10.81791	.2397030	.0137044	2.355410	.6797667	1.899069
#2	13.21771	10.88414	.2366703	.0137854	2.832626	.6843315	1.894380
#3	13.12499	10.85286	.2359422	.0145725	2.706306	.6856916	1.921417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022912	2.684644	-.019636	.0122194	2.962551	2.054967	.0305015
Stddev	.025996	.018169	.018204	.0001765	.010029	.009455	.0012382
%RSD	2.541378	.6767580	92.70526	1.444257	.3385302	.4601285	4.059442

#1	1.011548	2.705511	-.029812	.0123460	2.971720	2.051177	.0303603
#2	1.004532	2.676094	-.030476	.0120178	2.964092	2.065730	.0293399
#3	1.052655	2.672329	.001380	.0122944	2.951840	2.047995	.0318042

Sample Name: J2528-18 Acquired: 4/26/2018 18:58:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5553488	.0466545	.6613668
Stddev	.0033235	.0004773	.0013375
%RSD	.5984521	1.022965	.2022394

#1	.5539454	.0467484	.6611582
#2	.5591438	.0461373	.6627964
#3	.5529572	.0470779	.6601458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.424	3340.168	46772.63	6581.285	3561.340
Stddev	7.764	12.727	225.65	31.628	16.238
%RSD	.4170828	.3810399	.4824485	.4805788	.4559619

#1	1857.488	3329.272	46648.51	6571.094	3544.491
#2	1870.367	3337.075	47033.09	6556.010	3562.639
#3	1856.416	3354.157	46636.28	6616.753	3576.890

Sample Name: J2528-19 Acquired: 4/26/2018 19:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2037190	-.011793	1.318565	.0148830	.0131024	68.52198	1.374210
Stddev	.0010393	.002154	.002674	.0036064	.0006798	.10070	.002580
%RSD	.5101530	18.26849	.2028163	24.23175	5.188583	.1469631	.1877702

#1	.2034639	-.012185	1.321653	.0121380	.0130073	68.56051	1.371924
#2	.2028310	-.009470	1.317029	.0189675	.0124751	68.59773	1.377008
#3	.2048620	-.013725	1.317013	.0135435	.0138247	68.40770	1.373697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178528	.0093485	111.0452	.3031886	.1030849	.5572984	438.3644
Stddev	.0000482	.0000732	.9603	.0006486	.0006143	.0020459	2.6377
%RSD	.2697503	.7833319	.8648111	.2139310	.5959521	.3671096	.6017170

#1	.0179064	.0094330	109.9663	.3031886	.1034822	.5587287	436.1573
#2	.0178131	.0093048	111.8064	.3038372	.1033953	.5582115	437.6503
#3	.0178389	.0093076	111.3630	.3025400	.1023773	.5549549	441.2857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.691263	26.33033	.2116926	.0105112	1.760047	.3111224	3.479867
Stddev	.046120	.15464	.0011344	.0001378	.135806	.0039994	.072524
%RSD	.5996447	.5872969	.5358625	1.310872	7.716035	1.285484	2.084111

#1	7.649412	26.17174	.2115858	.0105913	1.897129	.3067713	3.424278
#2	7.740710	26.33857	.2106154	.0105902	1.757457	.3146383	3.453419
#3	7.683669	26.48068	.2128766	.0103521	1.625554	.3119575	3.561903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049648	3.547137	-.032119	.0233436	5.654673	3.561014	.0457532
Stddev	.081996	.001522	.006426	.0003267	.005648	.014708	.0007088
%RSD	1.623805	.0428977	20.00744	1.399367	.0998809	.4130188	1.549133

#1	4.969003	3.545765	-.037350	.0236210	5.656195	3.571024	.0454722
#2	5.132932	3.546872	-.034060	.0234263	5.648420	3.544128	.0465594
#3	5.047008	3.548774	-.024946	.0229836	5.659403	3.567890	.0452280

Sample Name: J2528-19 Acquired: 4/26/2018 19:02:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAS67 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6934890	.0613024	.3641536
Stddev	.0006120	.0026911	.0008427
%RSD	.0882473	4.389926	.2314064

#1	.6928181	.0587780	.3636866
#2	.6936322	.0609952	.3651264
#3	.6940167	.0641339	.3636478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.502	2953.523	41272.74	5681.166	3528.891
Stddev	8.561	2.109	85.03	8.196	7.809
%RSD	.5183927	.0714156	.2060103	.1442617	.2213008

#1	1652.739	2954.589	41370.26	5675.170	3520.095
#2	1659.378	2954.886	41214.18	5690.505	3535.010
#3	1642.390	2951.093	41233.78	5677.823	3531.567

Sample Name: J2528-20 Acquired: 4/26/2018 19:06:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1695680	.0099756	.9125949	.0163711	.0161833	60.85322	2.716916
Stddev	.0020401	.0051169	.0015500	.0013712	.0020919	1.08629	.065340
%RSD	1.203091	51.29427	.1698456	8.375538	12.92652	1.785104	2.404949

#1	.1672324	.0046134	.9127648	.0177017	.0174299	60.04898	2.686044
#2	.1704699	.0148057	.9109669	.0149627	.0173518	62.08896	2.791972
#3	.1710016	.0105078	.9140529	.0164489	.0137681	60.42172	2.672731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137090	.0075817	83.11612	.2076278	.1187815	.3622122	320.0741
Stddev	.0002961	.0003398	2.37543	.0019585	.0004555	.0082809	4.4938
%RSD	2.159913	4.481636	2.857961	.9432506	.3835074	2.286206	1.403979

#1	.0134978	.0079296	81.94122	.2075785	.1184230	.3532085	315.8689
#2	.0140474	.0072506	85.85004	.2056945	.1192941	.3695021	324.8094
#3	.0135817	.0075648	81.55709	.2096105	.1186274	.3639261	319.5438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.05271	16.45613	.1215986	.0063995	1.632944	.3836268	2.994862
Stddev	.67017	.08651	.0006556	.0001807	.227088	.0083180	.052773
%RSD	3.038966	.5256751	.5391509	2.823043	13.90663	2.168252	1.762102

#1	21.71424	16.35807	.1217100	.0062176	1.768763	.3745121	2.943528
#2	22.82462	16.52164	.1221914	.0064021	1.759286	.3908073	2.992094
#3	21.61927	16.48867	.1208945	.0065788	1.370783	.3855611	3.048964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.171512	3.754074	.0107221	.0526198	5.638002	3.283964	.0345500
Stddev	.096987	.015438	.0078645	.0002135	.016220	.068685	.0021911
%RSD	3.058059	.4112315	73.34867	.4056424	.2876822	2.091533	6.341752

#1	3.097778	3.765233	.0109391	.0528462	5.651050	3.251551	.0322711
#2	3.281378	3.760534	.0027513	.0525909	5.643113	3.362858	.0347376
#3	3.135380	3.736456	.0184758	.0524222	5.619842	3.237484	.0366412

Sample Name: J2528-20 Acquired: 4/26/2018 19:06:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5958903	.0619832	.3845223
Stddev	.0119633	.0019482	.0088302
%RSD	2.007627	3.143173	2.296412

#1	.5874069	.0611269	.3793182
#2	.6095736	.0642129	.3947178
#3	.5906903	.0606097	.3795308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.005	3001.328	41717.32	5688.448	3648.842
Stddev	5.025	3.834	78.36	102.043	5.294
%RSD	.2992649	.1277294	.1878414	1.793864	.1450858

#1	1674.545	2996.919	41642.44	5729.479	3648.321
#2	1684.449	3003.878	41798.75	5572.276	3643.828
#3	1678.023	3003.186	41710.76	5763.589	3654.378

Sample Name: J2528-21 Acquired: 4/26/2018 19:10:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1106996	.0081647	.6121682	.0162161	.0223260	103.6856
Stddev	.0038362	.0078473	.0062037	.0026148	.0024992	.4417
%RSD	3.465411	96.11213	1.013394	16.12478	11.19401	.4259836

#1	.1063014	-.000775	.6182479	.0132863	.0225160	103.3132
#2	.1133547	.013917	.6058476	.0183131	.0197372	104.1736
#3	.1124428	.011351	.6124092	.0170488	.0247247	103.5699

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.233180	.0289726	.0028703	9.891986	.3405319	.3575054
Stddev	.007320	.0003065	.0006216	.205664	.0010463	.0024562
%RSD	.2263896	1.057991	21.65464	2.079094	.3072433	.6870456

#1	3.238398	.0292590	.0030531	9.729097	.3417320	.3602863
#2	3.224813	.0290094	.0021779	10.12309	.3400517	.3556324
#3	3.236328	.0286493	.0033800	9.82377	.3398119	.3565975

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386055	F 849.3357	F 51.64214	11.06674	.1043495	.0119559
Stddev	.0034347	9.7452	.49876	.14156	.0008773	.0007436
%RSD	8.896901	1.147392	.9657940	1.279163	.8407188	6.219887

#1	.0346512	840.8339	52.20510	10.96542	.1044233	.0111181
#2	.0403188	859.9709	51.25548	11.22849	.1034376	.0122118
#3	.0408465	847.2023	51.46584	11.00632	.1051875	.0125378

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.442540	.9465729	.6267190	.3355365	1.127240	-.120348
Stddev	.207615	.0166215	.0185439	.0732804	.008423	.023142
%RSD	6.030853	1.755964	2.958885	21.83977	.7472668	19.22959

#1	3.679686	.9618356	.6156192	.3318517	1.131278	-.146899
#2	3.293546	.9490194	.6164111	.2641680	1.117558	-.104450
#3	3.354390	.9288638	.6481268	.4105898	1.132885	-.109696

Sample Name: J2528-21 Acquired: 4/26/2018 19:10:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS69 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047368	1.021870	2.191631	.0107997	.4266024	.0401871
Stddev	.0002536	.009980	.029664	.0008748	.0009056	.0002326
%RSD	5.353137	.9765963	1.353521	8.100171	.2122842	.5788120

#1	.0049338	1.029836	2.204500	.0117794	.4263005	.0403800
#2	.0048258	1.010676	2.212688	.0105227	.4276203	.0402526
#3	.0044507	1.025099	2.157706	.0100969	.4258862	.0399288

Elem	Sr4077
Units	ppm
Avg	.1136756
Stddev	.0002175
%RSD	.1913726

#1	.1136343
#2	.1139108
#3	.1134817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.244	3093.225	43191.50	5970.950	3509.133
Stddev	8.956	23.783	292.15	29.963	28.240
%RSD	.5206363	.7688900	.6764133	.5018167	.8047624

#1	1721.615	3068.728	43422.47	5959.541	3478.117
#2	1728.435	3094.721	43288.95	5948.368	3515.921
#3	1710.681	3116.224	42863.08	6004.942	3533.360

Sample Name: J2528-22 Acquired: 4/26/2018 19:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1466538	.0782385	.8421042	.0259150	.0162620	99.69212
Stddev	.0004866	.0076036	.0036508	.0030455	.0003245	.47340
%RSD	.3318206	9.718516	.4335298	11.75191	1.995130	.4748628

#1	.1469845	.0778682	.8389500	.0270765	.0164195	99.15333
#2	.1468819	.0708267	.8461034	.0224597	.0158888	99.88159
#3	.1460951	.0860204	.8412593	.0282090	.0164775	100.0414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.404101	.0223909	.0079639	22.82297	.2366918	.5213795
Stddev	.039206	.0003385	.0000385	.19134	.0020754	.0003416
%RSD	.4665064	1.511916	.4829314	.8383869	.8768532	.0655150

#1	8.365539	.0220997	.0080007	22.67122	.2390777	.5215018
#2	8.443920	.0223106	.0079240	22.75977	.2356945	.5209936
#3	8.402845	.0227624	.0079671	23.03792	.2353033	.5216431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764094	685.3794	F 101.5815	11.43625	.1545189	.0080901
Stddev	.0034070	4.6160	.9155	.06227	.0010336	.0004909
%RSD	4.458907	.6735004	.9012465	.5445371	.6689435	6.067731

#1	.0738180	681.8166	100.5607	11.39026	.1554185	.0075437
#2	.0802685	683.7274	101.8540	11.41138	.1547484	.0082326
#3	.0751415	690.5941	102.3299	11.50712	.1533898	.0084940

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.671765	.7821198	1.152346	.7615333	1.377192	-.083891
Stddev	.151377	.0076267	.011584	.1190288	.003700	.011393
%RSD	5.665805	.9751318	1.005264	15.63015	.2686595	13.58074

#1	2.499874	.7809923	1.164042	.6634871	1.375995	-.072519
#2	2.785188	.7751196	1.140877	.8939714	1.374238	-.095305
#3	2.730232	.7902475	1.152119	.7271414	1.381342	-.083847

Sample Name: J2528-22 Acquired: 4/26/2018 19:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAS70 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092867	1.586514	2.903872	.0210297	.5165276	.0720827
Stddev	.0005024	.005399	.039600	.0030267	.0037752	.0011717
%RSD	5.409661	.3403091	1.363708	14.39250	.7308858	1.625546

#1	.0098240	1.589585	2.863752	.0217794	.5130267	.0707302
#2	.0088286	1.580280	2.904933	.0176986	.5205275	.0727920
#3	.0092076	1.589676	2.942932	.0236111	.5160287	.0727257

Elem	Sr4077
Units	ppm
Avg	.1858895
Stddev	.0008977
%RSD	.4829109

#1	.1848531
#2	.1863937
#3	.1864218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.954	3180.075	44269.59	6131.957	3531.305
Stddev	7.997	8.183	96.66	43.584	8.656
%RSD	.4485216	.2573339	.2183430	.7107730	.2451163

#1	1777.934	3178.838	44158.21	6178.104	3524.657
#2	1792.176	3172.581	44331.57	6126.271	3528.167
#3	1778.752	3188.807	44318.99	6091.494	3541.093

Sample Name: CCV039 Acquired: 4/26/2018 19:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	4.778709	5.057708	23.32139	4.863871	4.803384	398.2805
Stddev	.027311	.031032	.09793	.005148	.016119	1.7362
%RSD	.5715214	.6135531	.4198939	.1058354	.3355862	.4359154

#1	4.752597	5.022216	23.21050	4.860074	4.788606	396.8817
#2	4.776451	5.071182	23.35766	4.861809	4.800972	397.7363
#3	4.807079	5.079725	23.39600	4.869730	4.820573	400.2236

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.284973	.4901776	2.372674	381.4000	14.11767	2.347529
Stddev	.020455	.0015076	.010591	1.4829	.02866	.008474
%RSD	.2203040	.3075544	.4463767	.3887969	.2030308	.3609621

#1	9.265107	.4895762	2.360447	382.5956	14.08889	2.338227
#2	9.283843	.4918931	2.378572	379.7407	14.11792	2.349553
#3	9.305971	.4890636	2.379002	381.8637	14.14622	2.354808

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27887	421.0500	13.73501	411.1086	2.354602	1.158281
Stddev	.07044	2.7138	.06097	2.9440	.010204	.008965
%RSD	.4933295	.6445313	.4439137	.7161091	.4333832	.7740077

#1	14.22586	421.3242	13.75948	411.8129	2.343637	1.163109
#2	14.25195	418.2095	13.66560	407.8763	2.356346	1.147937
#3	14.35880	423.6162	13.77993	413.6365	2.363821	1.163798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.2780	2.428453	13.92256	144.9589	F 2.830358	4.750438
Stddev	1.0056	.021630	.15336	.4099	.013911	.006405
%RSD	.2493527	.8906908	1.101499	.2827557	.4914821	.1348295

#1	402.7116	2.436271	13.87687	144.6059	2.815650	4.751543
#2	402.6834	2.404001	13.79724	144.8622	2.832123	4.756218
#3	404.4391	2.445087	14.09357	145.4084	2.843303	4.743552

Sample Name: CCV039 Acquired: 4/26/2018 19:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	4.796970	5.133508	4.798644	4.786284	4.788804	4.714757
Stddev	.023664	.020816	.019258	.015893	.015959	.019515
%RSD	.4933097	.4054953	.4013271	.3320520	.3332616	.4139078

#1	4.781365	5.111914	4.802181	4.767934	4.776631	4.695558
#2	4.785347	5.135164	4.815888	4.795652	4.782909	4.714139
#3	4.824198	5.153447	4.777862	4.795266	4.806872	4.734573

Elem	Sr4077
Units	ppm
Avg	4.748451
Stddev	.009014
%RSD	.1898377

#1	4.744280
#2	4.742277
#3	4.758795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.162	2261.757	33260.04	4856.585	2874.191
Stddev	7.095	12.654	145.28	9.791	12.550
%RSD	.5542407	.5594556	.4368061	.2016050	.4366487

#1	1283.060	2262.925	33400.61	4857.235	2878.345
#2	1285.349	2273.786	33269.03	4866.034	2884.136
#3	1272.076	2248.560	33110.47	4846.484	2860.090

Sample Name: CCB039 Acquired: 4/26/2018 19:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	-.000844	-.000689	.0006990	.0001404	.0010200	.0071350	-.003094
Stddev	.000699	.000893	.0003440	.0014039	.0012675	.0037600	.000399
%RSD	82.78027	129.5330	49.20977	1000.319	124.2629	52.69841	12.90872

#1	-.000175	-.000848	.0008159	-.001210	.0024427	.0109504	-.003353
#2	-.000789	.000272	.0003118	.001593	.0000109	.0070216	-.002634
#3	-.001569	-.001491	.0009694	.000038	.0006065	.0034330	-.003296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000613	.0000703	.0560202	-.000051	.0000168	.0027379	.0132260
Stddev	.0000529	.0001343	.0053995	.000512	.0001433	.0018543	.0059484
%RSD	86.31331	190.9211	9.638534	1011.785	855.3676	67.72527	44.97494

#1	.0000188	.0001695	.0509054	-.000244	-.000131	.0011647	.0149968
#2	.0000446	-.000082	.0554898	.000530	.000027	.0047824	.0065933
#3	.0001206	.000124	.0616653	-.000438	.000155	.0022667	.0180878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002424	-.020782	-.000169	.0002523	-.121557	.0001951	-.009455
Stddev	.0005134	.024770	.000113	.0002379	.203492	.0072651	.008911
%RSD	211.8061	119.1890	66.87560	94.28377	167.4050	3723.760	94.24408

#1	.0001182	.005859	-.000300	.0002473	-.136577	.0043082	-.017809
#2	.0008064	-.025088	-.000107	.0000170	.089029	.0044705	-.010482
#3	-.000198	-.043116	-.000101	.0004928	-.317122	-.008193	-.000075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.488321	-.003461	.0013090	-.000018	-.009277	-.007065	.0005193
Stddev	.090006	.001306	.0008933	.000108	.004601	.000943	.0008890
%RSD	18.43172	37.73166	68.24657	606.9527	49.59298	13.34431	171.2034

#1	-.384705	-.004331	.0023212	.000103	-.004164	-.006396	-.000087
#2	-.533135	-.001959	.0009749	-.000105	-.013081	-.008143	.000105
#3	-.547122	-.004093	.0006308	-.000052	-.010587	-.006656	.001540

Sample Name: CCB039 Acquired: 4/26/2018 19:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v500) 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	.0009752	-.001812	.0000528
Stddev	.0008431	.000267	.0001511
%RSD	86.45610	14.74536	286.1381

#1	.0000822	-.001668	.0001935
#2	.0017576	-.002121	-.000107
#3	.0010859	-.001648	.000072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.473	2681.409	37820.83	5145.400	3924.381
Stddev	7.245	12.569	65.01	58.867	13.826
%RSD	.4771494	.4687355	.1718847	1.144070	.3523035

#1	1512.083	2694.234	37838.94	5190.475	3939.794
#2	1516.993	2680.879	37748.69	5166.925	3920.279
#3	1526.345	2669.113	37874.86	5078.800	3913.071