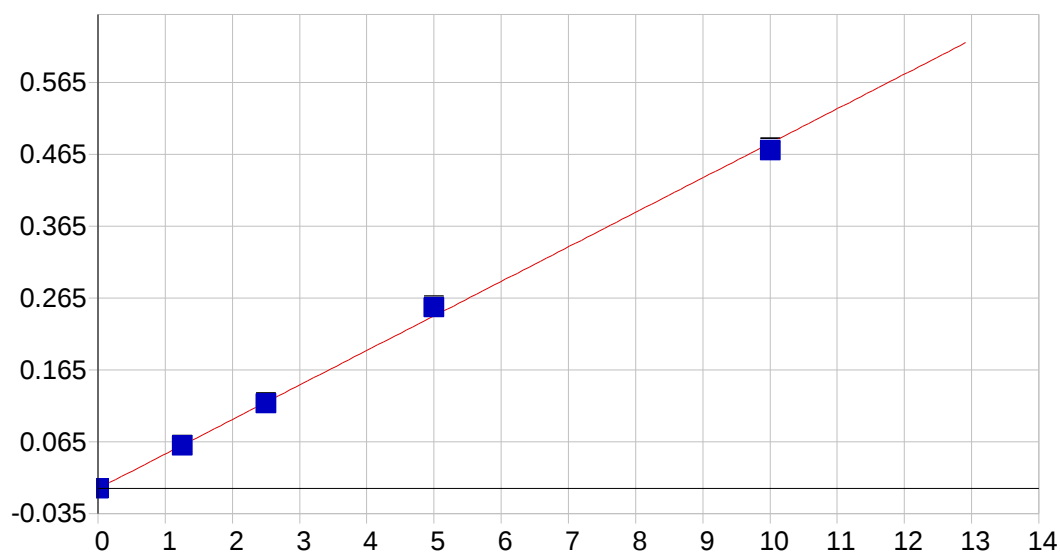


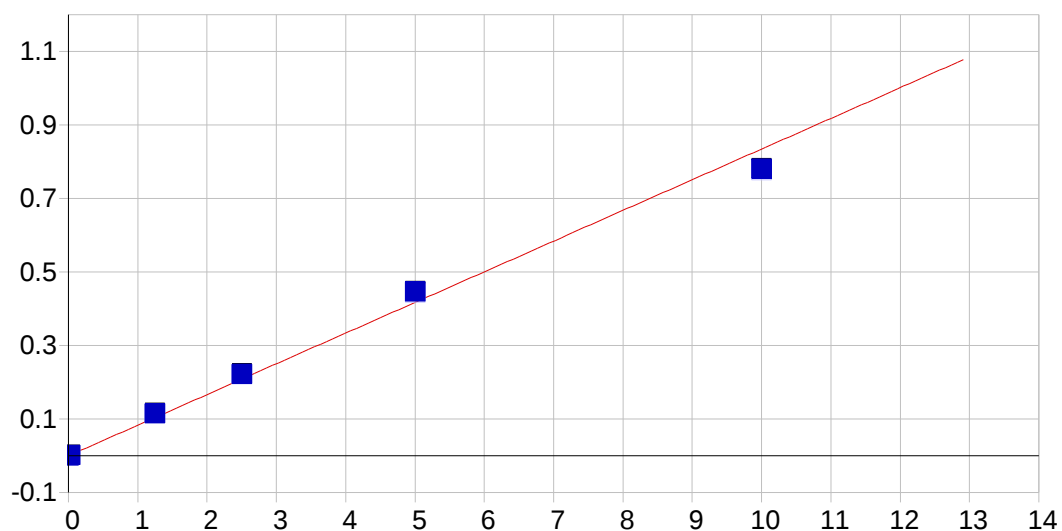


As 189.042 {479}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.048076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999551 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002273
 Predicted MQL: 0.007575

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.00973	.000	-2.65	.00036	.000	1
S2	1.2500	1.2438	-.006	-.498	.05983	.000	1
S3	2.5000	2.4672	-.033	-1.31	.11879	.001	1
S4	5.0000	5.2468	.247	4.94	.25270	.002	1
S5	10.000	9.7926	-.207	-2.07	.47181	.003	1

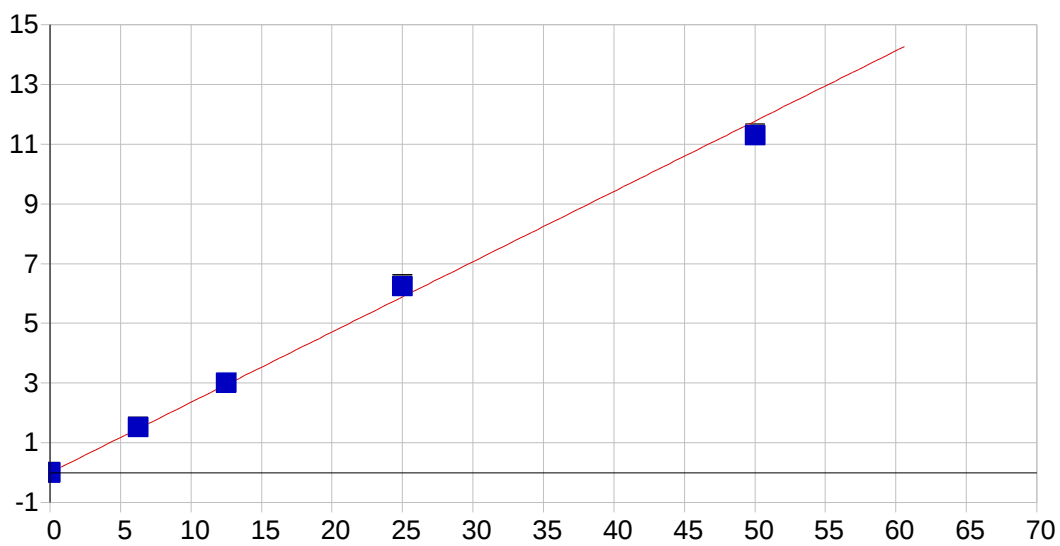


TI 190.856 {477}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.083466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997563 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.001371
 Predicted MQL: 0.004570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00025	.000	1
S1	.02500	.02747	.002	9.88	.00201	.000	1
S2	1.2500	1.3836	.134	10.7	.11460	.001	1
S3	2.5000	2.6636	.164	6.54	.22081	.001	1
S4	5.0000	5.3455	.345	6.91	.44340	.002	1
S5	10.000	9.3549	-.645	-6.45	.77552	.002	1

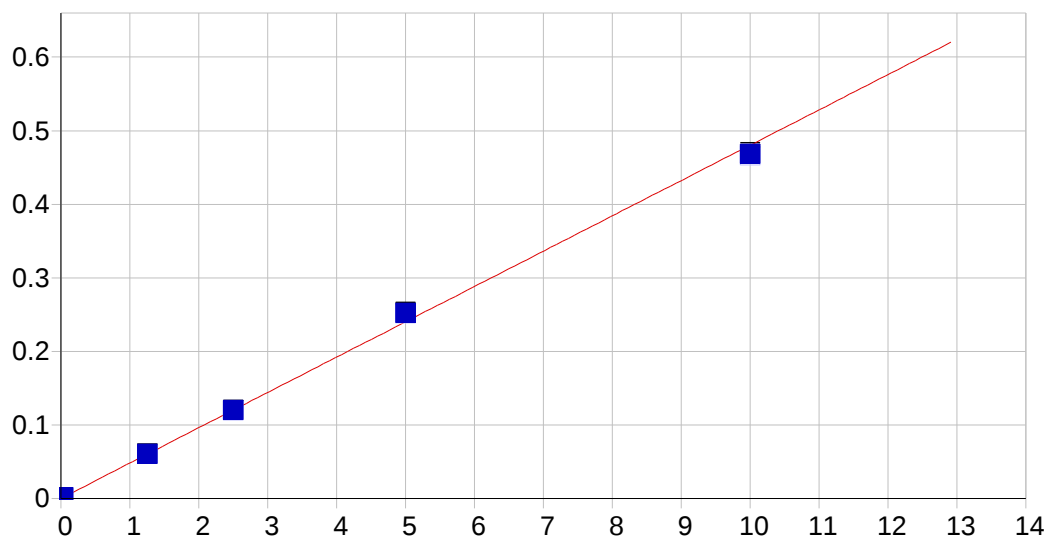


Pb 220.353 {453}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000223 Re-Slope: 1.000000
 A1 (Gain): 0.235421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999009 Status: OK.
 Std Error of Est: 0.000394
 Predicted MDL: 0.001135
 Predicted MQL: 0.003783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.01000	.00992	.000	-.797	.00213	.000	1
S2	6.2500	6.4799	.230	3.68	1.5276	.011	1
S3	12.500	12.797	.297	2.38	3.0171	.004	1
S4	25.000	26.495	1.49	5.98	6.2464	.049	1
S5	50.000	47.978	-2.02	-4.04	11.313	.023	1

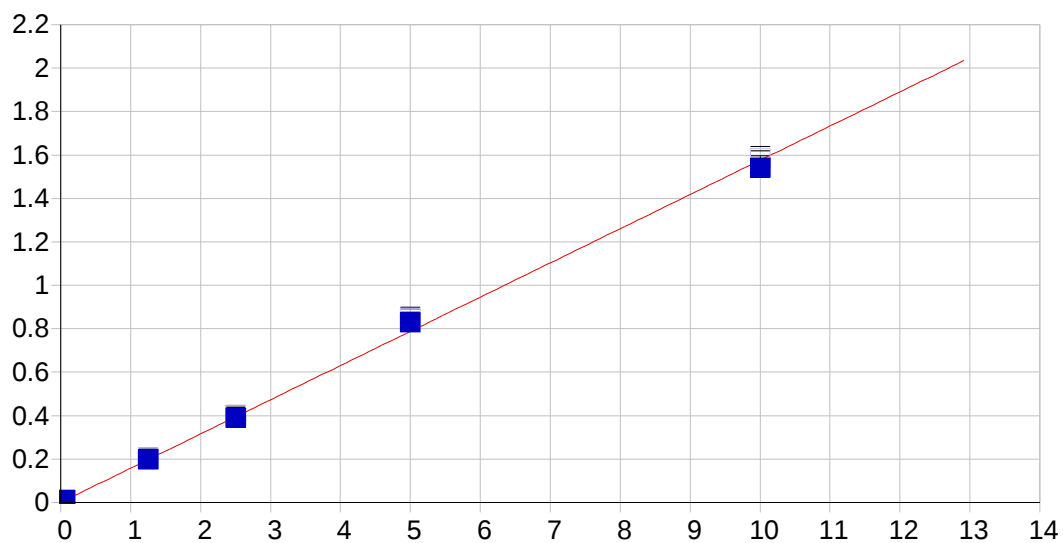


Se 196.090 {472}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.048014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999467 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002796
 Predicted MQL: 0.009319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.03500	.03079	-.004	-12.0	.00160	.000	1
S2	1.2500	1.2588	.009	.701	.06028	.000	1
S3	2.5000	2.4954	-.005	-.186	.11938	.000	1
S4	5.0000	5.2536	.254	5.07	.25125	.001	1
S5	10.000	9.7465	-.253	-2.53	.46585	.003	1

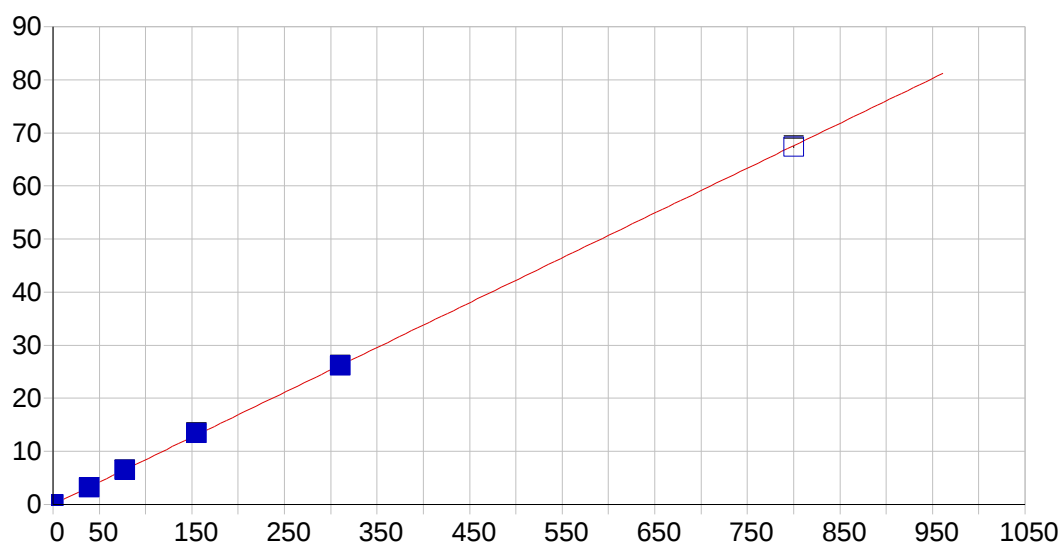


Sb 206.833 {463}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000520 Re-Slope: 1.000000
 A1 (Gain): 0.157518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.001220
 Predicted MQL: 0.004065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.06000	.05617	-.004	-6.39	.00937	.000	1
S2	1.2500	1.2538	.004	.300	.20337	.001	1
S3	2.5000	2.4730	-.027	-1.08	.40079	.001	1
S4	5.0000	5.2531	.253	5.06	.84943	.004	1
S5	10.000	9.7738	-.226	-2.26	1.5830	.011	1

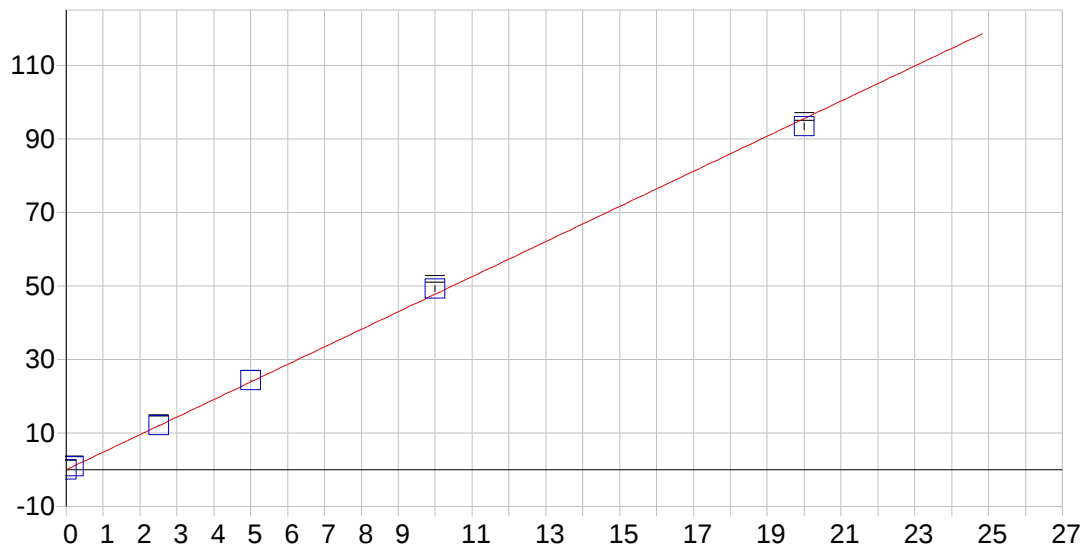


AI 396.152 { 85}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000709 Re-Slope: 1.000000
 A1 (Gain): 0.084466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000500
 Predicted MDL: 0.009575
 Predicted MQL: 0.031916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.20000	.20059	.001	.295	.01768	.001	1
S2	38.750	37.568	-1.18	-3.05	3.1769	.004	1
S3	77.500	77.244	-.256	-.331	6.5313	.020	1
S4	155.00	158.58	3.58	2.31	13.407	.136	1
S5	310.00	309.96	-.040	-.013	26.206	.072	1
S6	800.00	797.90	-2.10	-.263	67.396	.204	1

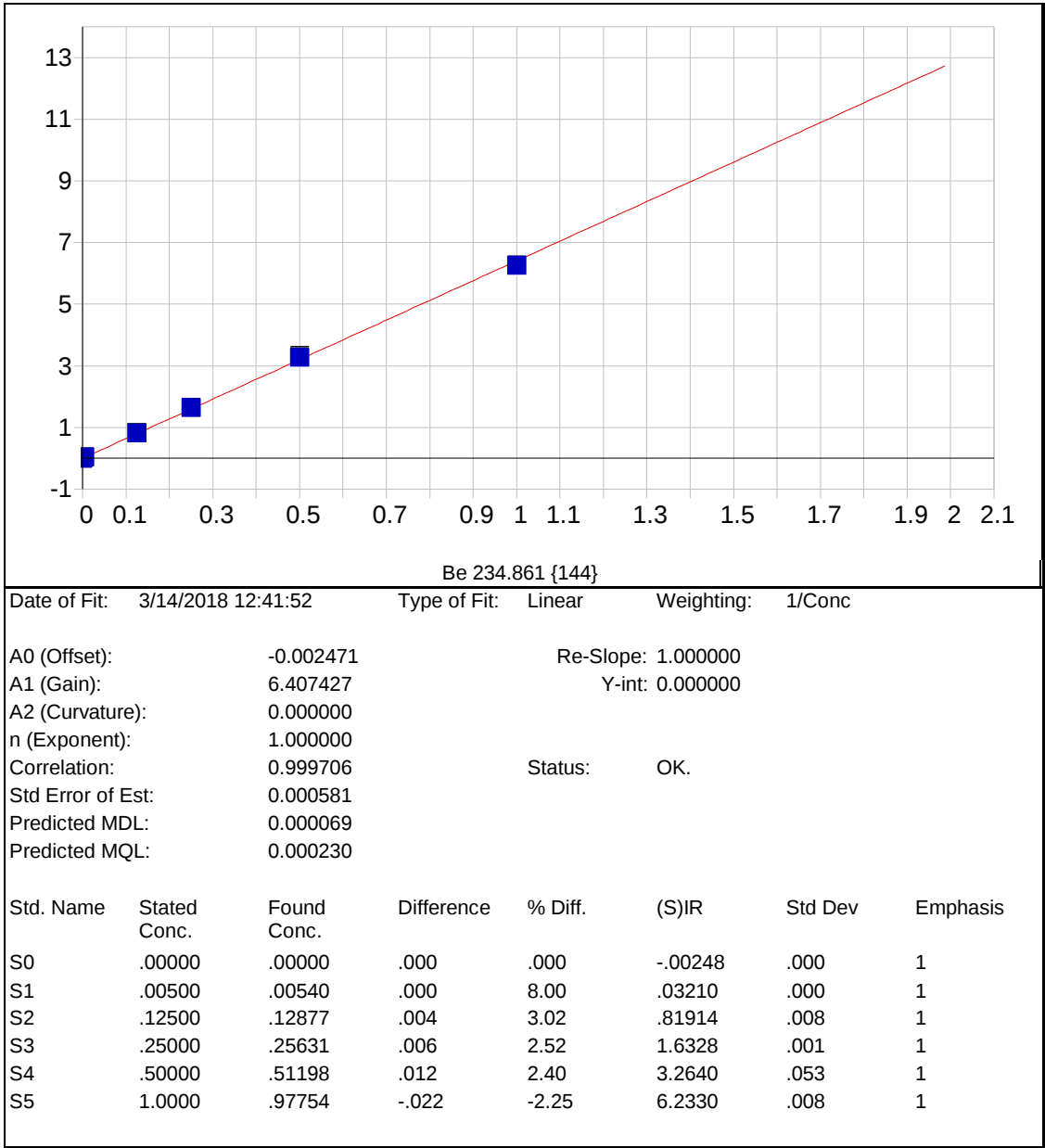


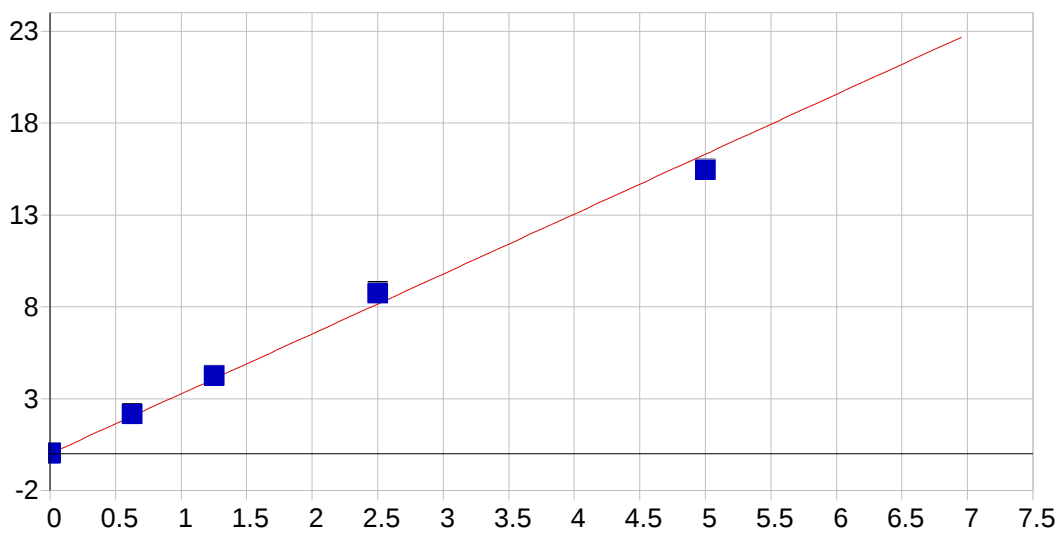
Ba 493.409 { 68}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007007 Re-Slope: 1.000000
 A1 (Gain): 4.773217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.012284
 Predicted MDL: 0.000507
 Predicted MQL: 0.001689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00706	.003	1
S1	.20000	.20304	.003	1.52	.96217	.005	1
S2	2.5000	2.5323	.032	1.29	12.080	.118	1
S3	5.0000	5.0860	.086	1.72	24.269	.025	1
S4	10.000	10.322	.322	3.22	49.260	.895	1
S5	20.000	19.557	-.443	-2.21	93.343	1.08	1



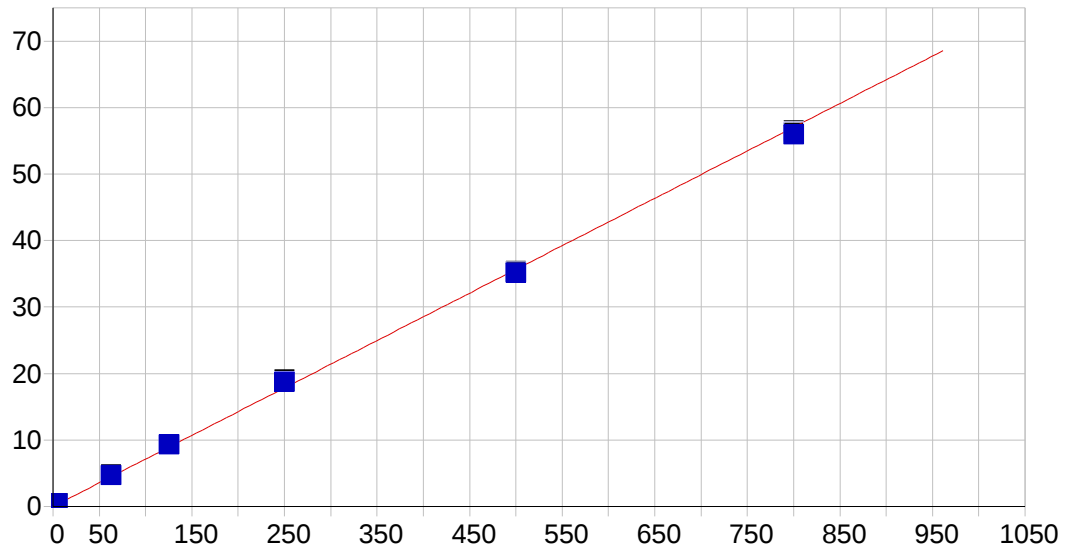


Cd 214.438 {457}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000549 Re-Slope: 1.000000
 A1 (Gain): 3.260031 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998362 Status: OK.
 Std Error of Est: 0.001569
 Predicted MDL: 0.000058
 Predicted MQL: 0.000194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.00500	.00507	.000	1.48	.01600	.000	1
S2	.62500	.66098	.036	5.76	2.1585	.014	1
S3	1.2500	1.3009	.051	4.07	4.2487	.006	1
S4	2.5000	2.6783	.178	7.13	8.7475	.074	1
S5	5.0000	4.7348	-.265	-5.30	15.469	.015	1

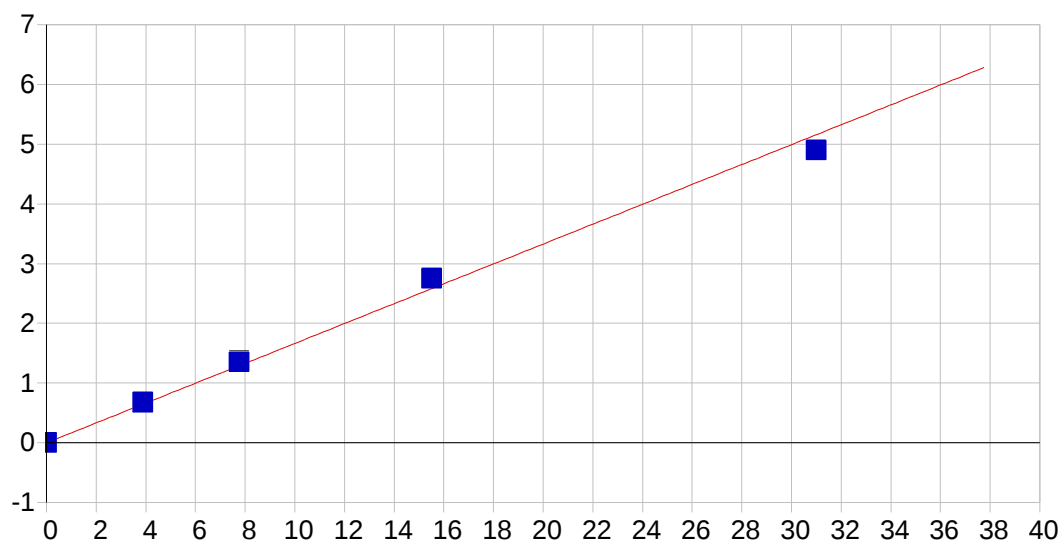


Ca 373.690 { 90}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002264 Re-Slope: 1.000000
 A1 (Gain): 0.071308 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999577 Status: OK.
 Std Error of Est: 0.007275
 Predicted MDL: 0.010625
 Predicted MQL: 0.035416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00091	-.001	.000	.00220	.000	1
S1	5.0000	5.3289	.329	6.58	.38230	.000	1
S2	62.500	65.884	3.38	5.41	4.7162	.034	1
S3	125.00	130.58	5.58	4.46	9.3451	.015	1
S4	250.00	262.79	12.8	5.11	18.805	.267	1
S5	500.00	493.00	-7.00	-1.40	35.284	.083	1
S6	800.00	784.96	-15.0	-1.88	56.315	.220	1

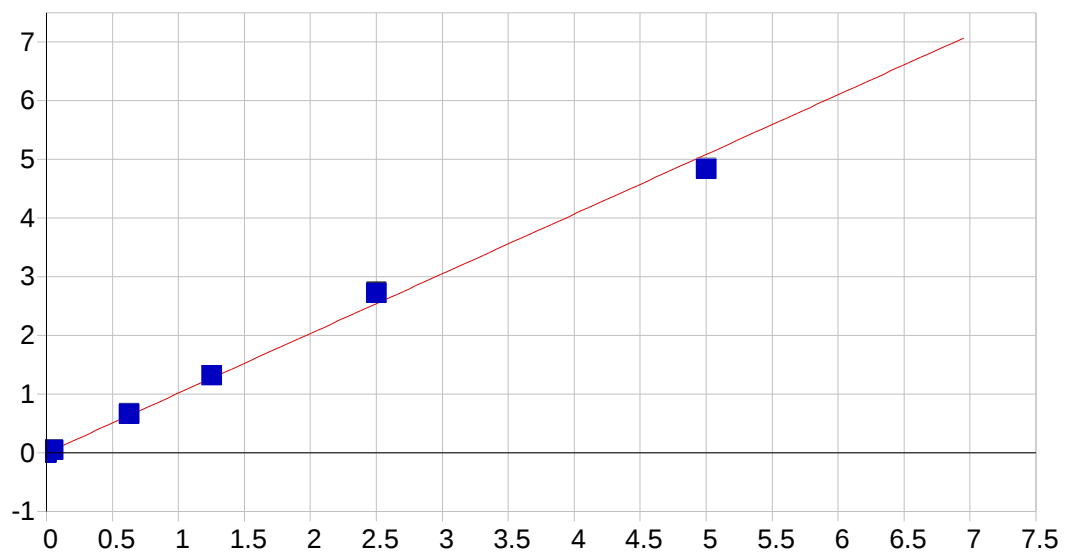


Cr 267.716 {126}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.166390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998488 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.000466
 Predicted MQL: 0.001555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.01103	.001	10.3	.00181	.000	1
S2	3.8750	4.0480	.173	4.46	.67466	.005	1
S3	7.7500	8.1365	.386	4.99	1.3561	.016	1
S4	15.500	16.528	1.03	6.63	2.7547	.006	1
S5	31.000	29.411	-1.59	-5.13	4.9028	.007	1

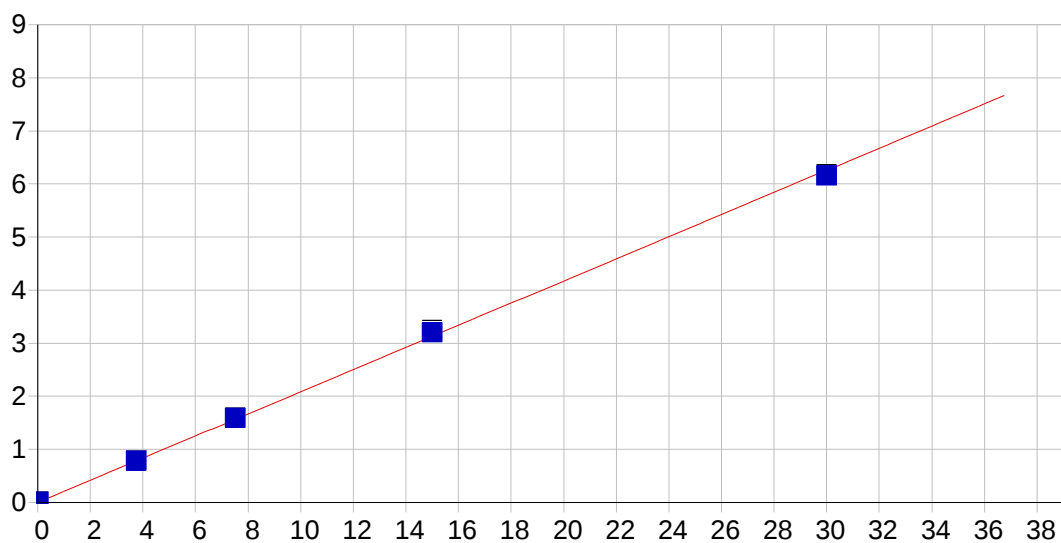


Co 228.616 {448}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 1.017368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998563 Status: OK.
 Std Error of Est: 0.001454
 Predicted MDL: 0.000184
 Predicted MQL: 0.000613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04737	-.003	-5.25	.04817	.000	1
S2	.62500	.65561	.031	4.90	.66804	.005	1
S3	1.2500	1.2939	.044	3.51	1.3187	.001	1
S4	2.5000	2.6735	.173	6.94	2.7247	.017	1
S5	5.0000	4.7546	-.245	-4.91	4.8471	.008	1

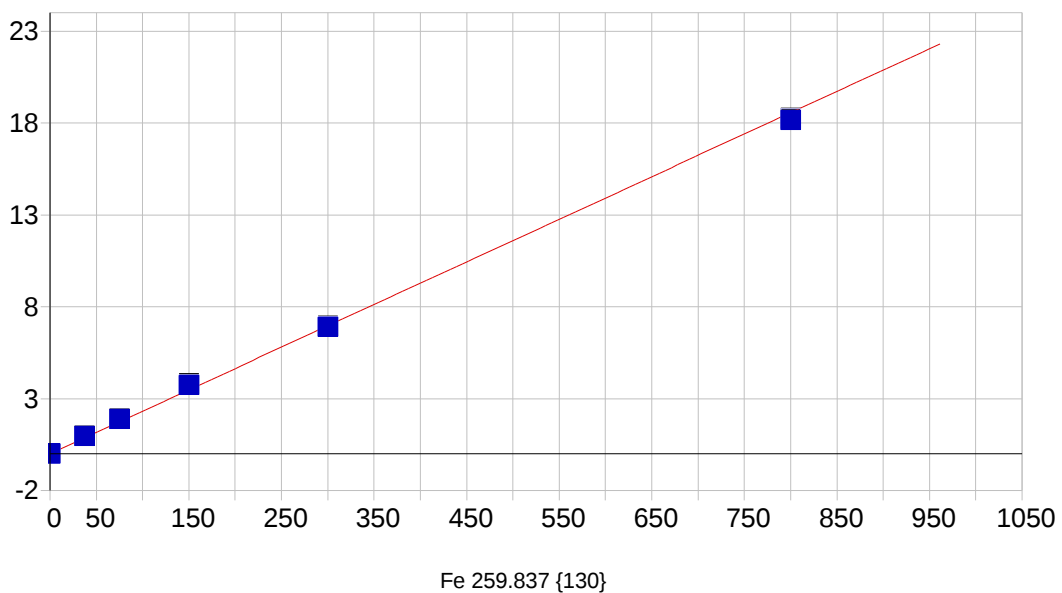


Cu 324.754 {104}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000609 Re-Slope: 1.000000
 A1 (Gain): 0.208580 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.002349
 Predicted MQL: 0.007830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.02500	.02641	.001	5.65	.00611	.001	1
S2	3.7500	3.7692	.019	.512	.78630	.001	1
S3	7.5000	7.6234	.123	1.64	1.5897	.004	1
S4	15.000	15.353	.353	2.36	3.2011	.040	1
S5	30.000	29.503	-.497	-1.66	6.1504	.021	1



Date of Fit: 3/14/2018 12:41:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000074

Re-Slope: 1.000000

A1 (Gain): 0.023194

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999291

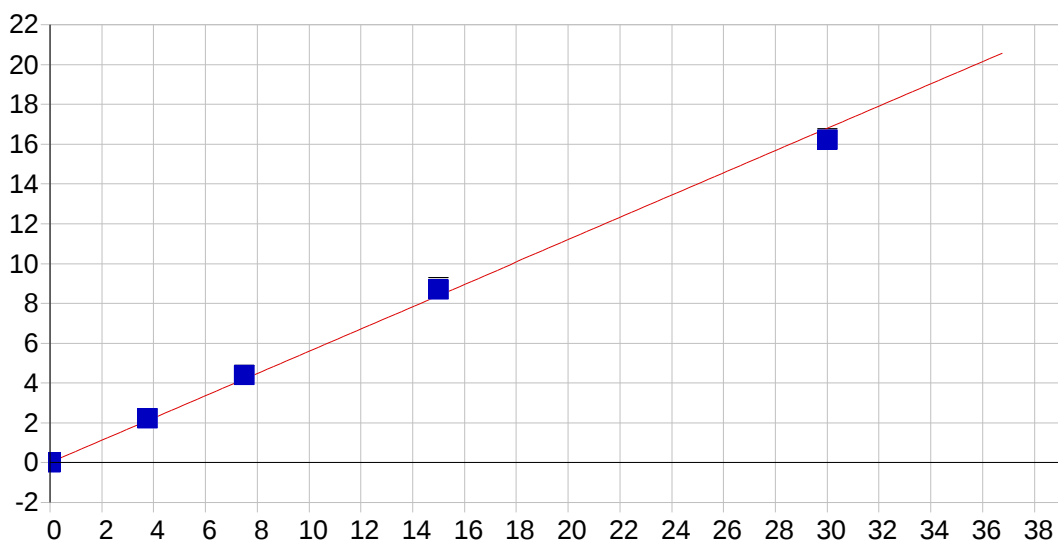
Status: OK.

Std Error of Est: 0.000383

Predicted MDL: 0.010006

Predicted MQL: 0.033353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00007	.000	1
S1	.10000	.10954	.010	9.54	.00266	.000	1
S2	37.500	40.949	3.45	9.20	.95451	.011	1
S3	75.000	80.720	5.72	7.63	1.8816	.005	1
S4	150.00	160.95	10.9	7.30	3.7517	.055	1
S5	300.00	297.15	-2.85	-.949	6.9295	.035	1
S6	800.00	782.71	-17.3	-2.16	18.239	.028	1

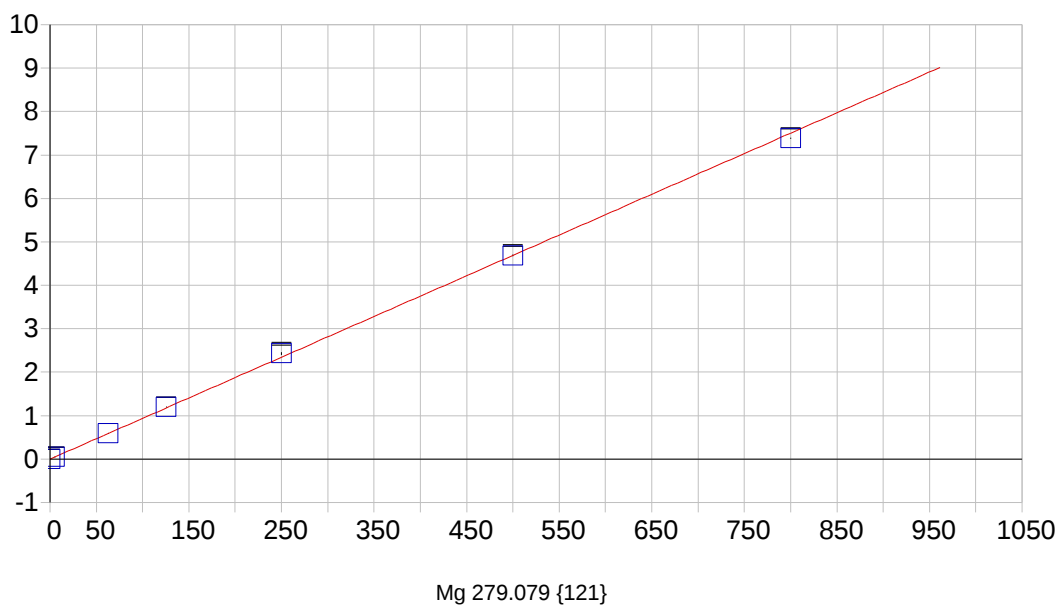


Mn 257.610 {131}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.559964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999283 Status: OK.
 Std Error of Est: 0.000755
 Predicted MDL: 0.000473
 Predicted MQL: 0.001578

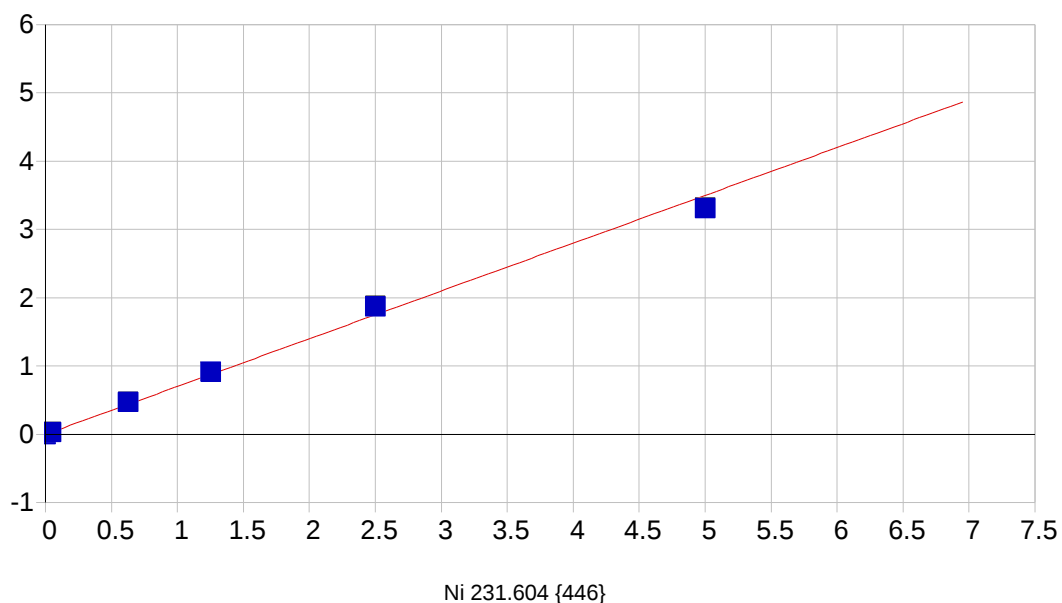
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01655	.002	10.3	.00917	.000	1
S2	3.7500	3.9513	.201	5.37	2.2130	.014	1
S3	7.5000	7.8238	.324	4.32	4.3819	.004	1
S4	15.000	15.530	.530	3.53	8.6979	.110	1
S5	30.000	28.944	-1.06	-3.52	16.211	.065	1



Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000250	Re-Slope: 1.000000
A1 (Gain):	0.009378	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999828	Status: OK.
Std Error of Est:	0.000608	
Predicted MDL:	0.029547	
Predicted MQL:	0.098490	

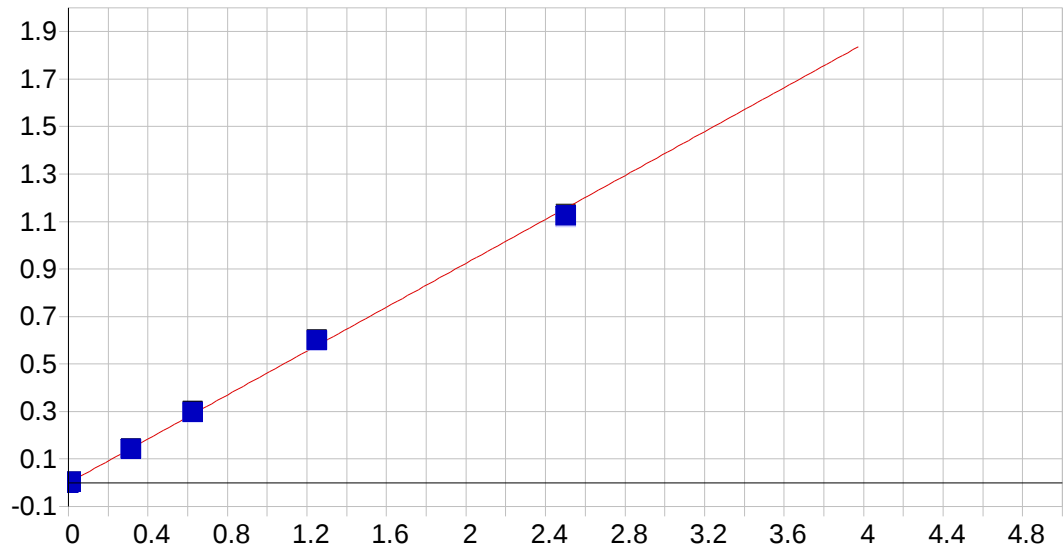
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00038	.000	.000	-.00025	.000	1
S1	5.0000	5.1273	.127	2.55	.04783	.001	1
S2	62.500	63.200	.700	1.12	.59246	.004	1
S3	125.00	127.27	2.27	1.82	1.1933	.001	1
S4	250.00	259.45	9.45	3.78	2.4329	.033	1
S5	500.00	499.85	-.152	-.030	4.6874	.023	1
S6	800.00	787.61	-12.4	-1.55	7.3861	.015	1



Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001286 Re-Slope: 1.000000
 A1 (Gain): 0.700142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998248 Status: OK.
 Std Error of Est: 0.000988
 Predicted MDL: 0.000304
 Predicted MQL: 0.001015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00129	.000	1
S1	.04000	.04122	.001	3.05	.02759	.000	1
S2	.62500	.67037	.045	7.26	.46896	.002	1
S3	1.2500	1.3097	.060	4.78	.91749	.003	1
S4	2.5000	2.6708	.171	6.83	1.8723	.009	1
S5	5.0000	4.7229	-.277	-5.54	3.3126	.008	1

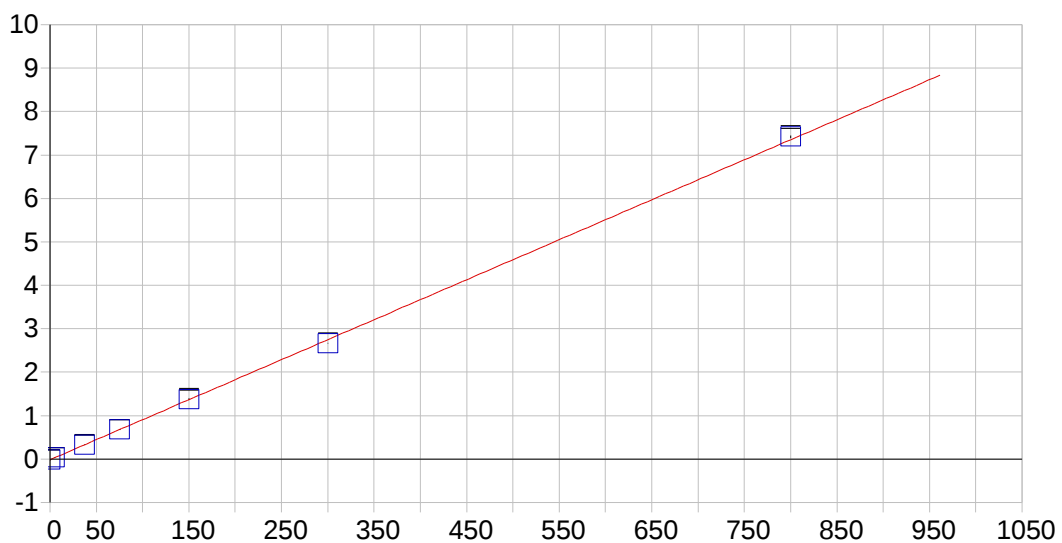


Ag 328.068 {103}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.462247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000331
 Predicted MQL: 0.001103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.01000	.01013	.000	1.26	.00427	.000	1
S2	.31250	.30807	-.004	-1.42	.14104	.001	1
S3	.62500	.64466	.020	3.15	.29564	.004	1
S4	1.2500	1.3003	.050	4.03	.59675	.001	1
S5	2.5000	2.4343	-.066	-2.63	1.1170	.006	1

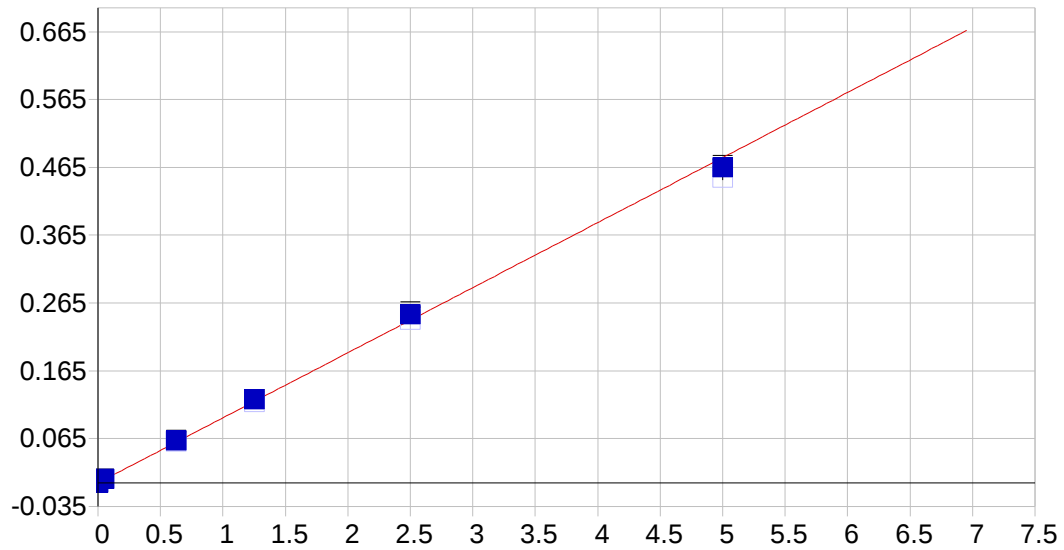


Na 818.326 { 41}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013835 Re-Slope: 1.000000
 A1 (Gain): 0.009205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000467
 Predicted MDL: 0.195307
 Predicted MQL: 0.651023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	-.01384	.002	1
S1	5.0000	5.1805	.181	3.61	.03385	.001	1
S2	37.500	37.490	-.010	-.026	.33126	.004	1
S3	75.000	75.064	.064	.086	.67712	.002	1
S4	150.00	151.29	1.29	.857	1.3787	.020	1
S5	300.00	290.86	-9.14	-3.05	2.6635	.006	1
S6	800.00	807.61	7.61	.952	7.4201	.029	1

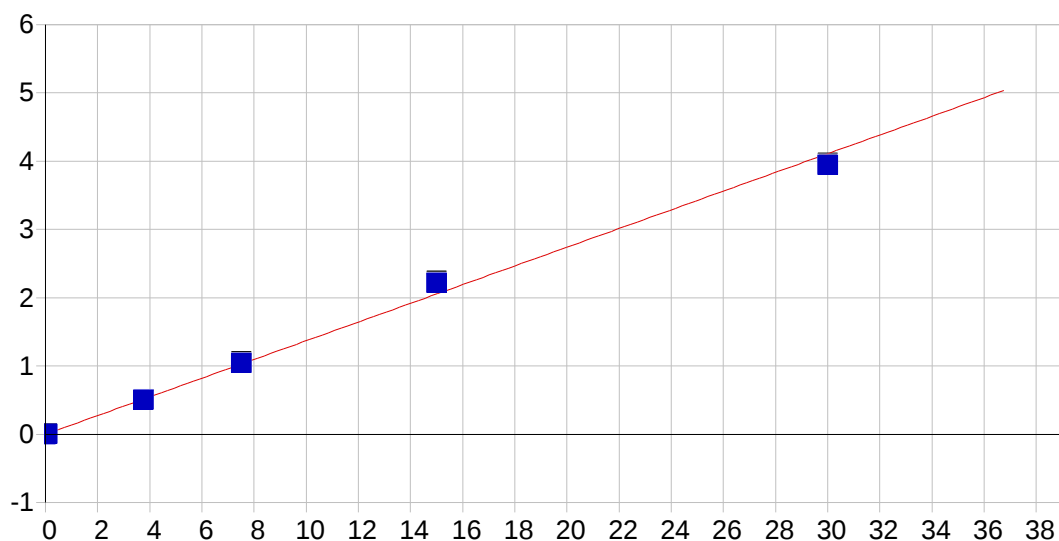


V 292.402 {115}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.095931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999435 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.003272
 Predicted MQL: 0.010906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00016	.000	1
S1	.05000	.05445	.004	8.91	.00506	.000	1
S2	.62500	.64896	.024	3.83	.06012	.001	1
S3	1.2500	1.2827	.033	2.62	.11894	.000	1
S4	2.5000	2.5899	.090	3.59	.24038	.004	1
S5	5.0000	4.8489	-.151	-3.02	.44918	.003	1

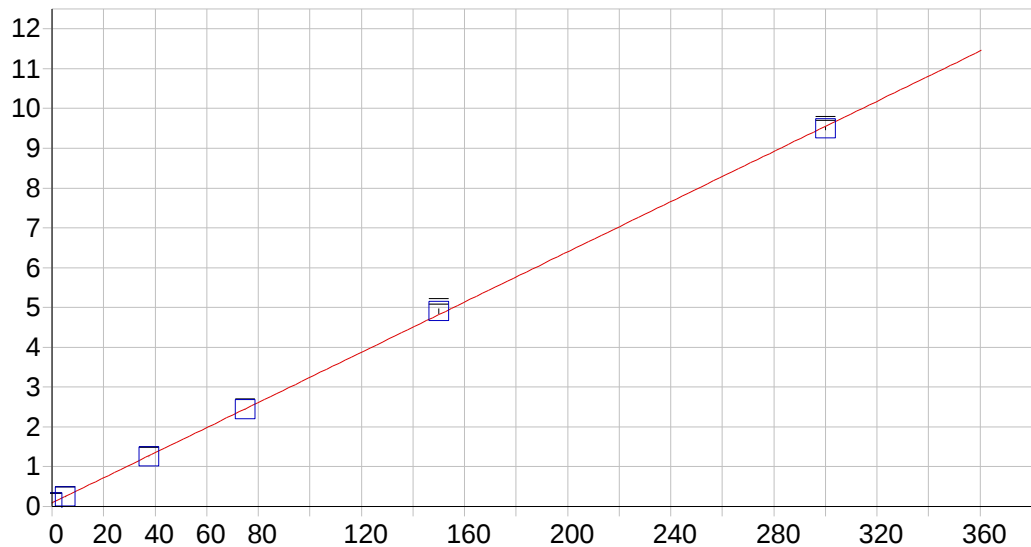


Zn 213.856 {158}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000654 Re-Slope: 1.000000
 A1 (Gain): 0.137018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998724 Status: OK.
 Std Error of Est: 0.000495
 Predicted MDL: 0.003669
 Predicted MQL: 0.012231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00066	.000	1
S1	.06000	.06392	.004	6.53	.00813	.000	1
S2	3.7500	3.6881	-.062	-1.65	.50710	.002	1
S3	7.5000	7.6164	.116	1.55	1.0478	.018	1
S4	15.000	16.173	1.17	7.82	2.2250	.018	1
S5	30.000	28.769	-1.23	-4.10	3.9605	.018	1

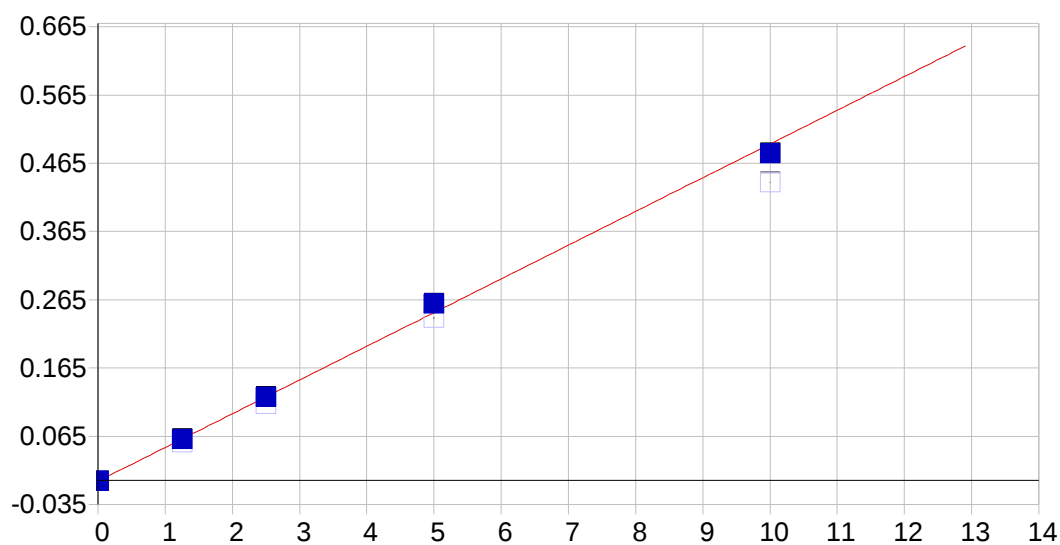


K 769.896 { 44}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.089695 Re-Slope: 1.000000
 A1 (Gain): 0.031537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000738
 Predicted MDL: 0.051343
 Predicted MQL: 0.171143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.08970	.002	1
S1	5.0000	5.0116	.012	.232	.24775	.003	1
S2	37.500	36.791	-.709	-1.89	1.2500	.006	1
S3	75.000	74.575	-.425	-.566	2.4416	.007	1
S4	150.00	152.71	2.71	1.80	4.9056	.064	1
S5	300.00	298.42	-1.58	-.528	9.5009	.047	1

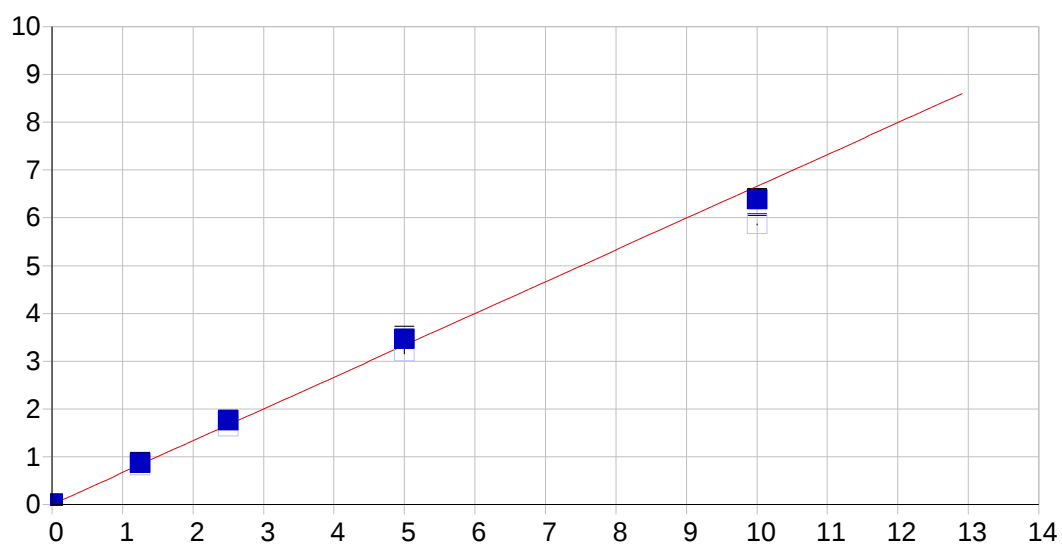


P 177.495 {490}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000805 Re-Slope: 1.000000
 A1 (Gain): 0.049406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999276 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.001750
 Predicted MQL: 0.005832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.01358	.004	35.8	-.00017	.000	1
S2	1.2500	1.2495	.000	-.036	.05560	.000	1
S3	2.5000	2.5022	.002	.089	.11217	.001	1
S4	5.0000	5.2654	.265	5.31	.23803	.001	1
S5	10.000	9.7292	-.271	-2.71	.43726	.000	1

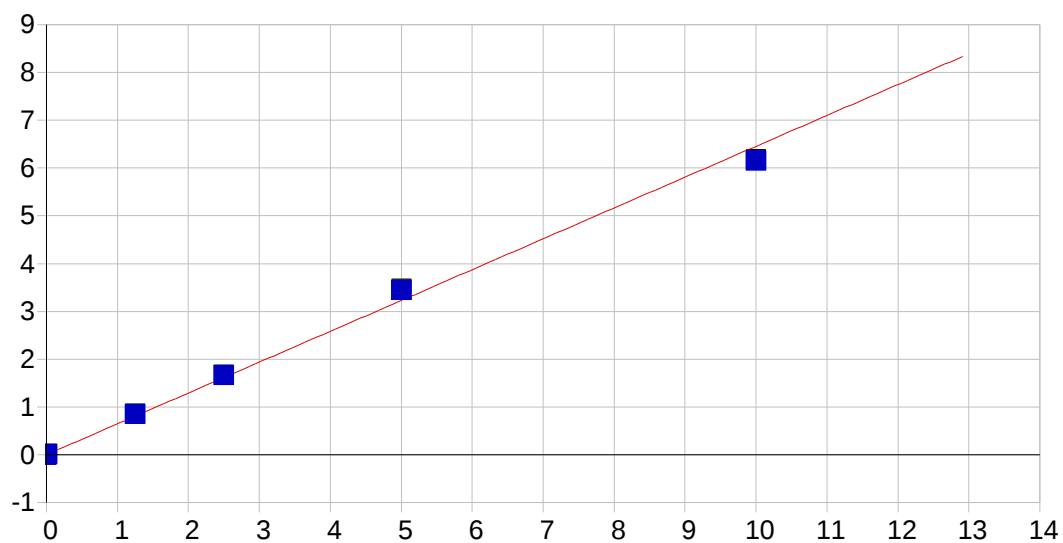


B 249.678 {135}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002812 Re-Slope: 1.000000
 A1 (Gain): 0.665598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998880 Status: OK.
 Std Error of Est: 0.000487
 Predicted MDL: 0.000835
 Predicted MQL: 0.002783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00281	.000	1
S1	.01000	.01058	.001	5.81	.00972	.000	1
S2	1.2500	1.3127	.063	5.02	.81064	.006	1
S3	2.5000	2.6408	.141	5.63	1.6287	.005	1
S4	5.0000	5.2015	.201	4.03	3.2013	.054	1
S5	10.000	9.5944	-.406	-4.06	5.8616	.019	1

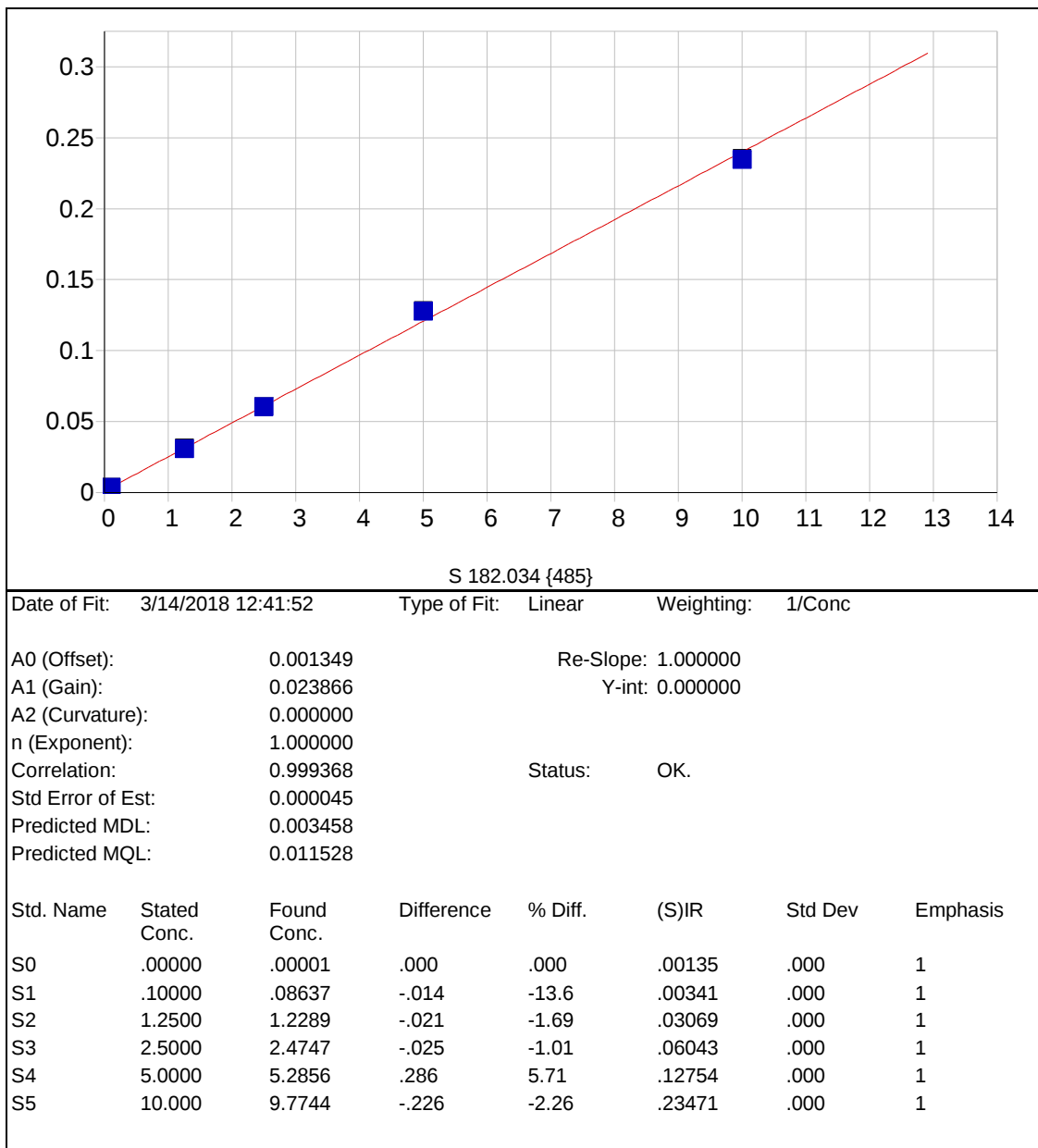


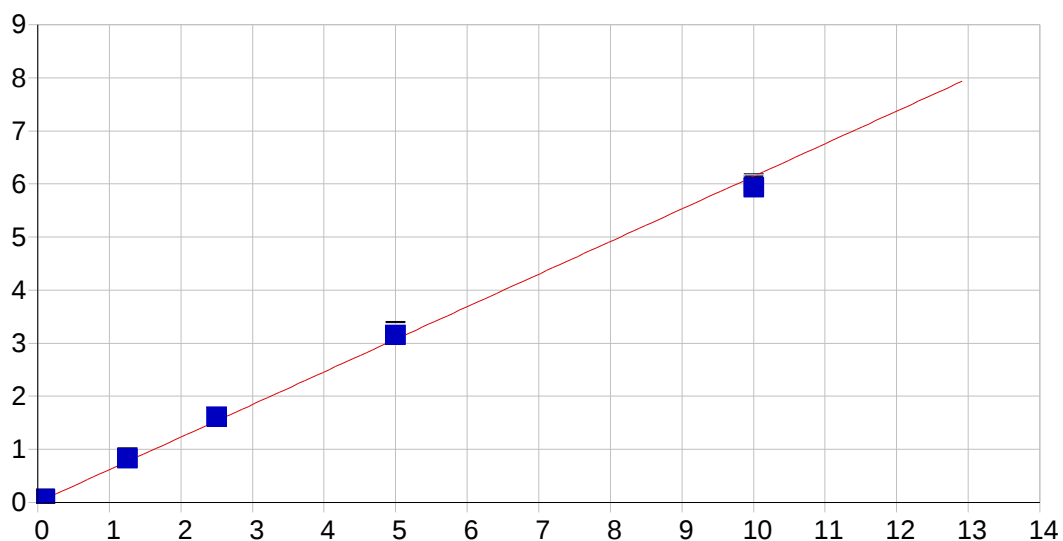
Mo 202.030 {467}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.645482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998641 Status: OK.
 Std Error of Est: 0.000565
 Predicted MDL: 0.000236
 Predicted MQL: 0.000788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01021	.000	2.08	.00672	.000	1
S2	1.2500	1.3147	.065	5.17	.84870	.005	1
S3	2.5000	2.5751	.075	3.00	1.6622	.004	1
S4	5.0000	5.3370	.337	6.74	3.4449	.022	1
S5	10.000	9.5230	-.477	-4.77	6.1468	.029	1



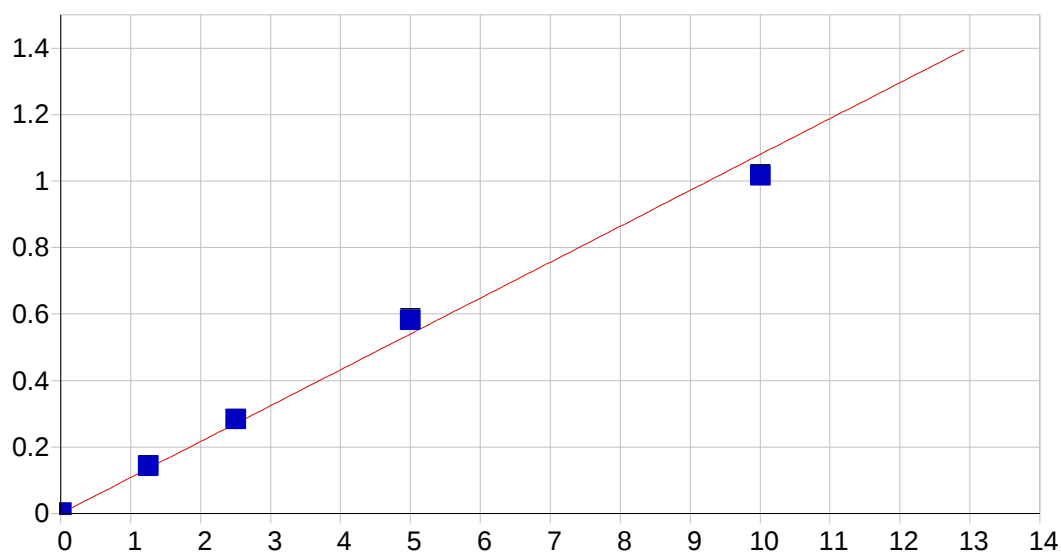


Si 251.611 {134}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003382 Re-Slope: 1.000000
 A1 (Gain): 0.614011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999265 Status: OK.
 Std Error of Est: 0.001262
 Predicted MDL: 0.000916
 Predicted MQL: 0.003052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00338	.000	1
S1	.10000	.09878	-.001	-1.22	.06425	.001	1
S2	1.2500	1.3479	.098	7.83	.83728	.009	1
S3	2.5000	2.6192	.119	4.77	1.6242	.001	1
S4	5.0000	5.1258	.126	2.52	3.1759	.049	1
S5	10.000	9.6583	-.342	-3.42	5.9840	.017	1

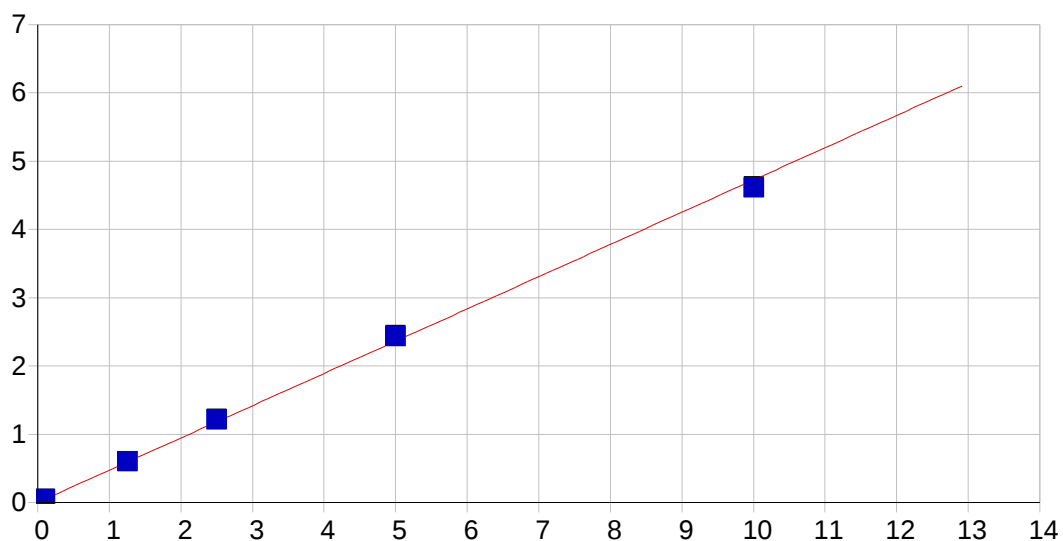


Sn 189.989 {478}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000223 Re-Slope: 1.000000
 A1 (Gain): 0.107966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997993 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000798
 Predicted MQL: 0.002660

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00668	.000	-4.56	.00091	.000	1
S2	1.2500	1.3218	.072	5.75	.14264	.001	1
S3	2.5000	2.6204	.120	4.82	.28254	.000	1
S4	5.0000	5.3934	.393	7.87	.58134	.004	1
S5	10.000	9.4146	-.585	-5.85	1.0143	.003	1

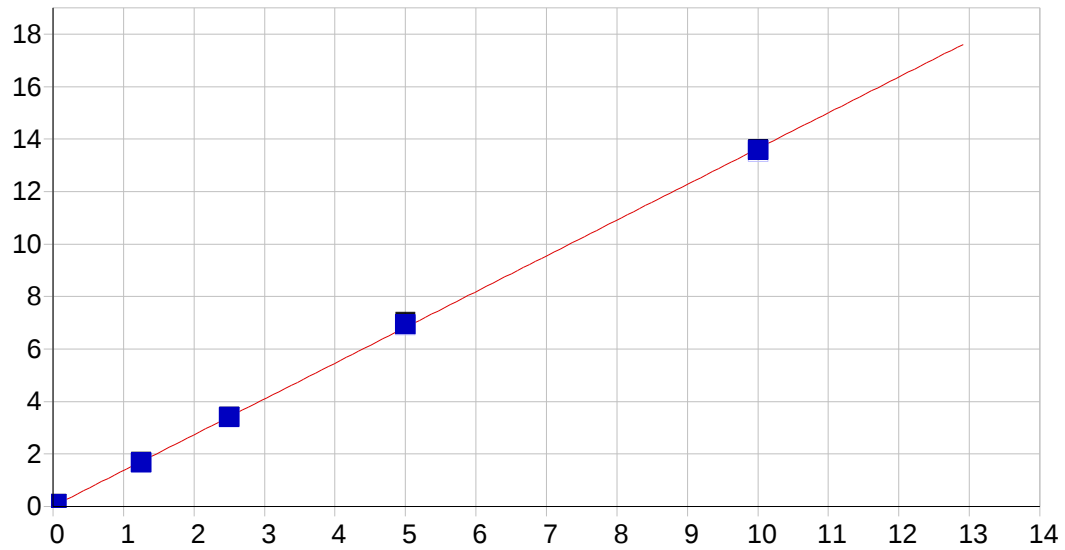


Ti 336.121 {100}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000675 Re-Slope: 1.000000
 A1 (Gain): 0.472500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676 Status: OK.
 Std Error of Est: 0.000639
 Predicted MDL: 0.001152
 Predicted MQL: 0.003841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.10000	.09710	-.003	-2.90	.04654	.001	1
S2	1.2500	1.2660	.016	1.28	.59866	.001	1
S3	2.5000	2.5754	.075	3.02	1.2171	.005	1
S4	5.0000	5.1448	.145	2.90	2.4307	.016	1
S5	10.000	9.7667	-.233	-2.33	4.6137	.010	1



Li 670.784 { 50}

Date of Fit: 3/14/2018 12:41:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007105 Re-Slope: 1.000000
 A1 (Gain): 1.363103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000533
 Predicted MDL: 0.001235
 Predicted MQL: 0.004115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00711	.000	1
S5	10.000	9.9544	-.046	-.456	13.499	.030	1
S4	5.0000	5.0812	.081	1.62	6.8949	.096	1
S3	2.5000	2.4889	-.011	-.443	3.3806	.011	1
S2	1.2500	1.2260	-.024	-1.92	1.6687	.007	1
S1	.05000	.04947	-.001	-1.06	.07440	.001	1



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

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

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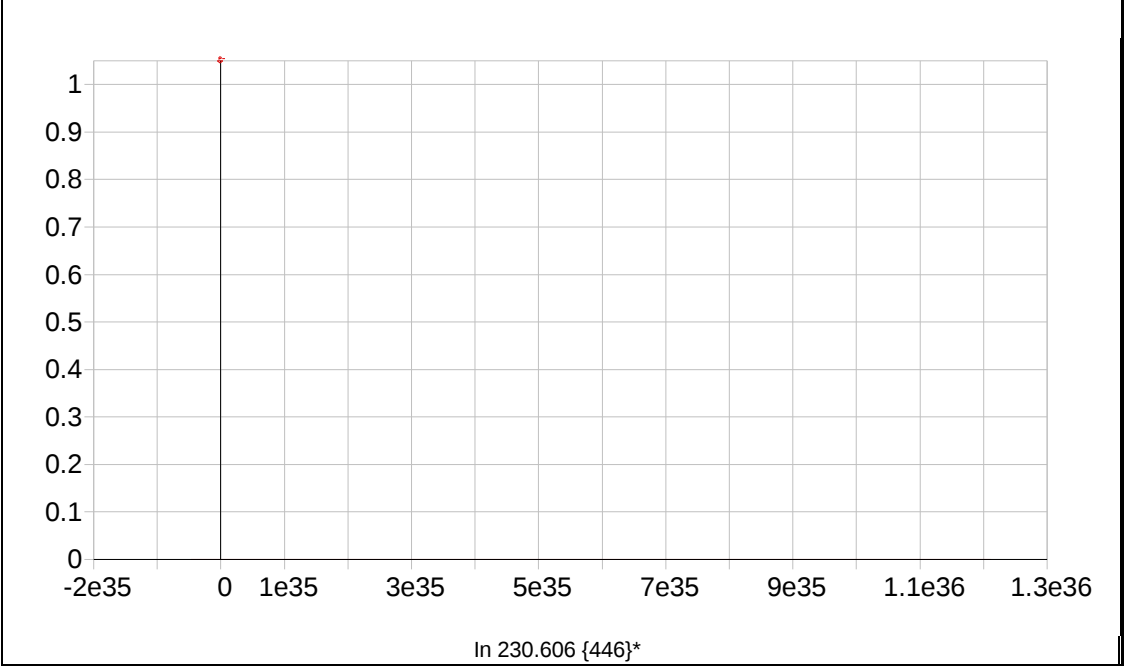
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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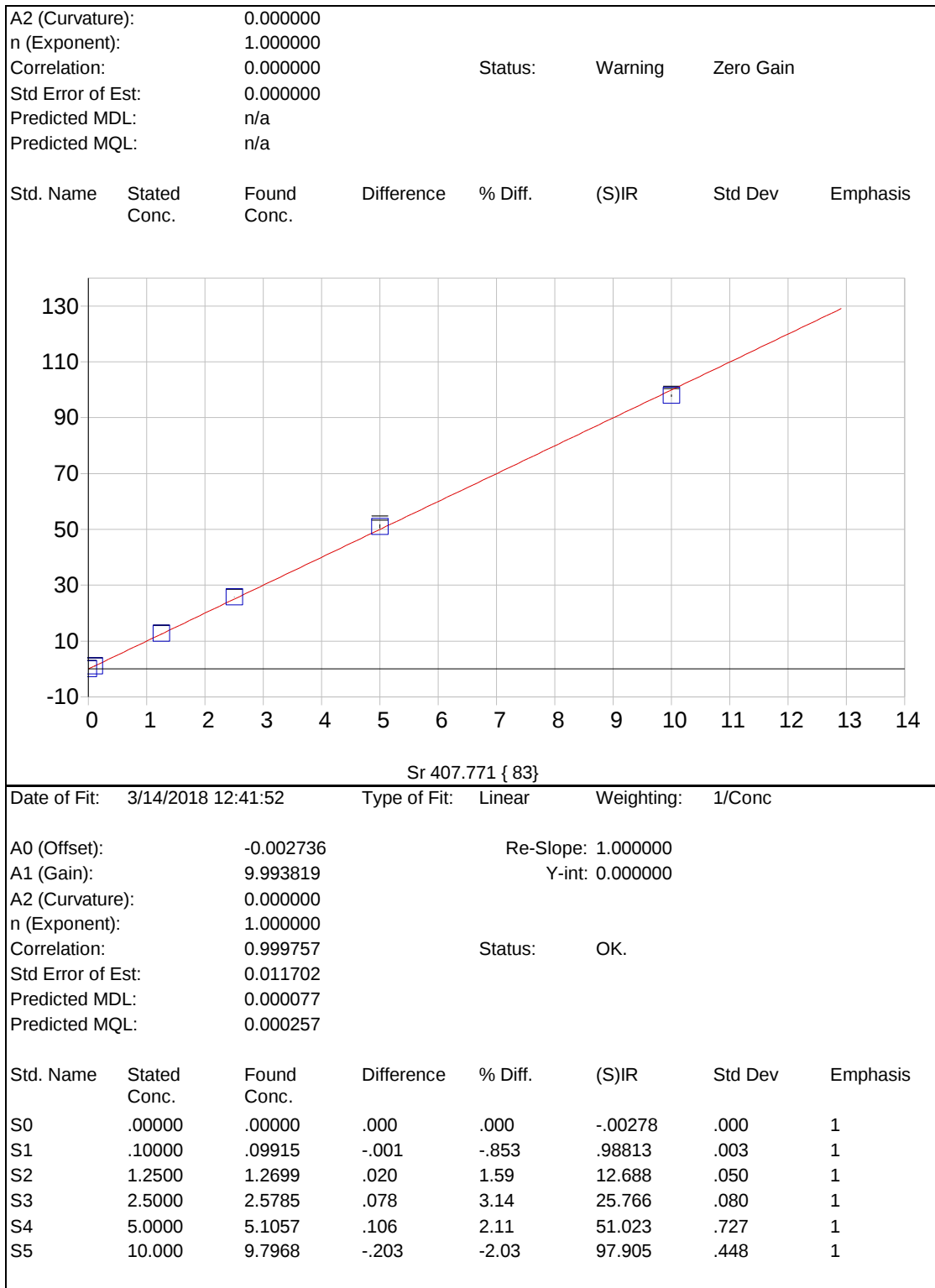


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 3/14/2018 10:56:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.00011	-.00025	-.00022	.00013	.00052	.00071	-.00706	-.00248
Stddev	.00004	.00006	.00015	.00004	.00018	.00049	.00291	.00038
%RSD	38.951	23.637	69.215	31.595	35.074	68.657	41.155	15.424

#1	-.00009	-.00021	-.00039	.00012	.00072	.00082	-.00896	-.00252
#2	-.00008	-.00032	-.00009	.00017	.00049	.00113	-.00372	-.00283
#3	-.00016	-.00022	-.00018	.00009	.00035	.00017	-.00850	-.00207

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	-.00055	.00220	-.00003	-.00022	.00061	.00007	-.00009	-.00025
Stddev	.00005	.00037	.00005	.00009	.00021	.00025	.00009	.00024
%RSD	9.5772	17.040	170.14	43.899	33.837	342.41	92.785	95.557

#1	-.00050	.00207	-.00008	-.00017	.00043	.00033	-.00019	.00003
#2	-.00054	.00262	.00001	-.00015	.00056	.00005	-.00001	-.00038
#3	-.00061	.00191	-.00001	-.00032	.00083	-.00016	-.00008	-.00041

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	-.00129	-.00038	-.01384	-.00016	-.00066	.08970	-.00080	.00281
Stddev	.00006	.00013	.00201	.00029	.00042	.00248	.00003	.00025
%RSD	4.5809	33.672	14.511	186.03	63.541	2.7661	4.1277	8.7897

#1	-.00132	-.00051	-.01442	-.00003	-.00038	.09013	-.00077	.00299
#2	-.00122	-.00036	-.01548	-.00049	-.00045	.09193	-.00081	.00253
#3	-.00133	-.00026	-.01160	.00005	-.00113	.08703	-.00083	.00291

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	.00013	.00135	.00338	.00022	.00067	.00711	-.00278	
Stddev	.00017	.00009	.00028	.00004	.00017	.00046	.00007	
%RSD	129.31	6.4899	8.3675	17.558	25.282	6.5187	2.4593	

#1	-.00002	.00143	.00348	.00018	.00087	.00664	-.00285	
#2	.00010	.00136	.00359	.00023	.00058	.00711	-.00271	
#3	.00031	.00126	.00306	.00026	.00057	.00757	-.00276	

Sample Name: S0 Acquired: 3/14/2018 10:56:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1840.1	4009.3	41925.	5724.6	4739.2
Stddev	9.8	8.2	232.	67.2	15.2
%RSD	.53050	.20564	.55425	1.1744	.32068
#1	1835.4	4015.8	41721.	5658.8	4742.3
#2	1833.5	4012.2	41876.	5722.0	4752.6
#3	1851.3	4000.1	42178.	5793.1	4722.7

Sample Name: S1 Acquired: 3/14/2018 11:00:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00036	.00201	.00213	.00160	.00937	.01768	.96217	.03210
Stddev	.00008	.00005	.00022	.00009	.00026	.00087	.00496	.00012
%RSD	23.456	2.2675	10.403	5.8280	2.8171	4.8937	.51570	.36263

#1	.00034	.00200	.00214	.00161	.00909	.01820	.96537	.03199
#2	.00045	.00198	.00234	.00151	.00962	.01668	.96469	.03222
#3	.00029	.00206	.00190	.00169	.00939	.01815	.95645	.03209

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	.01600	.38230	.00181	.04817	.00611	.00266	.00917	.04783
Stddev	.00013	.00045	.00003	.00031	.00067	.00027	.00011	.00057
%RSD	.79481	.11691	1.5619	.65174	10.953	10.199	1.2174	1.2000

#1	.01614	.38190	.00178	.04785	.00602	.00297	.00916	.04804
#2	.01597	.38223	.00181	.04818	.00548	.00246	.00907	.04828
#3	.01590	.38278	.00184	.04848	.00681	.00255	.00929	.04719

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	.02759	.00427	.03385	.00506	.00813	.24775	-.00017	.00972
Stddev	.00012	.00018	.00054	.00024	.00007	.00261	.00008	.00018
%RSD	.43258	4.1379	1.6066	4.6803	.87201	1.0533	46.439	1.8822

#1	.02746	.00443	.03387	.00531	.00814	.24929	-.00011	.00953
#2	.02769	.00408	.03330	.00484	.00820	.24922	-.00025	.00972
#3	.02762	.00431	.03439	.00504	.00806	.24473	-.00014	.00990

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	.00672	.00341	.06425	.00091	.04654	.07440	.98813	
Stddev	.00021	.00007	.00075	.00004	.00066	.00131	.00320	
%RSD	3.0894	2.0960	1.1653	4.7434	1.4117	1.7606	.32369	

#1	.00660	.00333	.06362	.00087	.04690	.07591	.99056	
#2	.00659	.00343	.06508	.00096	.04578	.07373	.98450	
#3	.00695	.00346	.06404	.00091	.04693	.07356	.98932	

Sample Name: S1 Acquired: 3/14/2018 11:00:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1762.2	3910.5	40384.	5669.3	4557.0
Stddev	8.0	13.6	224.	40.0	13.4
%RSD	.45117	.34717	.55418	.70606	.29440
#1	1771.2	3920.7	40643.	5660.1	4569.5
#2	1756.3	3915.8	40254.	5634.6	4558.6
#3	1759.1	3895.1	40257.	5713.1	4542.8

Sample Name: S2 Acquired: 3/14/2018 11:04:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.05983	.11460	1.5276	.06028	.20337	3.1769	12.080	.81914
Stddev	.00031	.00090	.0108	.00031	.00133	.0040	.118	.00825
%RSD	.52601	.78683	.70825	.52113	.65231	.12450	.97721	1.0069

#1	.05952	.11370	1.5160	.05993	.20201	3.1809	12.189	.82598
#2	.05981	.11462	1.5294	.06038	.20344	3.1769	12.098	.82144
#3	.06015	.11550	1.5374	.06054	.20466	3.1730	11.955	.80998

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	2.1585	4.7162	.67466	.66804	.78630	.95451	2.2130	.59246
Stddev	.0143	.0344	.00523	.00511	.00088	.01132	.0145	.00375
%RSD	.66369	.72992	.77541	.76431	.11155	1.1854	.65495	.63219

#1	2.1444	4.7521	.67862	.66244	.78677	.96305	2.2270	.59649
#2	2.1581	4.7129	.67663	.66926	.78685	.95881	2.2139	.59179
#3	2.1730	4.6835	.66873	.67243	.78529	.94168	2.1981	.58909

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	.46896	.14104	.33126	.06012	.50710	1.2500	.05560	.81064
Stddev	.00247	.00135	.00422	.00051	.00168	.0060	.00035	.00650
%RSD	.52683	.95948	1.2726	.84542	.33157	.48194	.63303	.80160

#1	.46653	.14218	.33489	.06029	.50637	1.2560	.05541	.81718
#2	.46890	.14140	.33225	.06052	.50590	1.2500	.05539	.81055
#3	.47147	.13955	.32663	.05955	.50902	1.2439	.05601	.80419

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	.84870	.03069	.83728	.14264	.59866	1.6687	12.688	
Stddev	.00480	.00029	.00868	.00075	.00067	.0072	.050	
%RSD	.56592	.96003	1.0370	.52425	.11199	.43097	.39167	

#1	.84318	.03046	.84556	.14186	.59875	1.6743	12.728	
#2	.85094	.03059	.83804	.14269	.59795	1.6713	12.704	
#3	.85197	.03102	.82824	.14336	.59928	1.6606	12.633	

Sample Name: S2 Acquired: 3/14/2018 11:04:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1747.6	3686.1	40774.	5822.4	4027.3
Stddev	7.6	19.5	206.	25.1	23.1
%RSD	.43491	.52895	.50572	.43177	.57471
#1	1741.9	3706.5	40581.	5794.5	4050.8
#2	1744.7	3684.3	40749.	5829.2	4026.5
#3	1756.2	3667.6	40991.	5843.4	4004.6

Sample Name: S3 Acquired: 3/14/2018 11:08:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.11879	.22081	3.0171	.11938	.40079	6.5313	24.269	1.6328
Stddev	.00055	.00134	.0038	.00019	.00115	.0201	.025	.0008
%RSD	.46562	.60782	.12639	.15693	.28763	.30741	.10424	.04650

#1	.11819	.22175	3.0128	.11927	.39994	6.5533	24.247	1.6326
#2	.11890	.21927	3.0185	.11926	.40032	6.5140	24.297	1.6336
#3	.11928	.22141	3.0201	.11959	.40210	6.5266	24.264	1.6322

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2487	9.3451	1.3561	1.3187	1.5897	1.8816	4.3819	1.1933
Stddev	.0057	.0152	.0159	.0011	.0043	.0047	.0042	.0011
%RSD	.13345	.16243	1.1692	.08497	.26750	.25127	.09630	.09262

#1	4.2480	9.3588	1.3461	1.3186	1.5941	1.8785	4.3853	1.1945
#2	4.2435	9.3288	1.3477	1.3176	1.5856	1.8871	4.3772	1.1924
#3	4.2547	9.3477	1.3744	1.3199	1.5894	1.8792	4.3832	1.1931

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	.91749	.29564	.67712	.11894	1.0478	2.4416	.11217	1.6287
Stddev	.00312	.00372	.00175	.00022	.0180	.0074	.00055	.0049
%RSD	.34045	1.2588	.25841	.18516	1.7206	.30167	.48870	.30357

#1	.92017	.29225	.67908	.11916	1.0308	2.4501	.11240	1.6344
#2	.91406	.29506	.67572	.11895	1.0458	2.4368	.11154	1.6262
#3	.91823	.29962	.67657	.11872	1.0667	2.4379	.11256	1.6256

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	1.6622	.06043	1.6242	.28254	1.2171	3.3806	25.766	
Stddev	.0042	.00016	.0010	.00039	.0046	.0107	.080	
%RSD	.24993	.26948	.06119	.13813	.37496	.31510	.30895	

#1	1.6589	.06036	1.6248	.28212	1.2203	3.3920	25.856	
#2	1.6609	.06032	1.6230	.28261	1.2119	3.3708	25.706	
#3	1.6669	.06062	1.6247	.28290	1.2191	3.3790	25.736	

Sample Name: S3 Acquired: 3/14/2018 11:08:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1630.5	3537.2	38684.	5578.8	3794.6
Stddev	22.1	4.2	377.	31.4	.8
%RSD	1.3580	.11947	.97474	.56277	.02086
#1	1655.7	3541.3	39073.	5544.5	3793.7
#2	1621.9	3537.5	38659.	5585.7	3795.1
#3	1614.1	3532.8	38320.	5606.1	3795.0

Sample Name: S4 Acquired: 3/14/2018 11:12:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.25270	.44340	6.2464	.25125	.84943	13.407	49.260	3.2640
Stddev	.00187	.00157	.0494	.00148	.00389	.136	.895	.0535
%RSD	.73982	.35503	.79064	.58932	.45852	1.0111	1.8173	1.6381

#1	.25090	.44304	6.2169	.25000	.84672	13.563	50.294	3.3158
#2	.25257	.44203	6.2188	.25086	.84768	13.319	48.770	3.2091
#3	.25463	.44512	6.3034	.25288	.85390	13.340	48.718	3.2671

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	8.7475	18.805	2.7547	2.7247	3.2011	3.7517	8.6979	2.4329
Stddev	.0736	.267	.0058	.0173	.0405	.0546	.1102	.0332
%RSD	.84200	1.4189	.21193	.63536	1.2643	1.4551	1.2667	1.3643

#1	8.7107	19.111	2.7590	2.7130	3.2477	3.8147	8.8251	2.4712
#2	8.6995	18.621	2.7570	2.7166	3.1798	3.7215	8.6328	2.4119
#3	8.8323	18.683	2.7480	2.7446	3.1757	3.7189	8.6359	2.4156

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	1.8723	.59675	1.3787	.24038	2.2250	4.9056	.23803	3.2013
Stddev	.0089	.00139	.0200	.00374	.0179	.0638	.00074	.0543
%RSD	.47433	.23326	1.4536	1.5563	.80460	1.3000	.30891	1.6965

#1	1.8650	.59836	1.4019	.24467	2.2047	4.9792	.23791	3.2524
#2	1.8696	.59597	1.3669	.23776	2.2314	4.8671	.23736	3.1443
#3	1.8822	.59593	1.3674	.23871	2.2388	4.8705	.23882	3.2073

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	3.4449	.12754	3.1759	.58134	2.4307	6.8949	51.023	
Stddev	.0221	.00049	.0488	.00395	.0158	.0963	.727	
%RSD	.63998	.38713	1.5373	.67891	.64842	1.3965	1.4249	

#1	3.4302	.12709	3.2210	.57963	2.4486	7.0056	51.773	
#2	3.4343	.12747	3.1241	.57853	2.4244	6.8303	50.321	
#3	3.4703	.12807	3.1825	.58585	2.4190	6.8490	50.975	

Sample Name: S4 Acquired: 3/14/2018 11:12:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1470.0	3227.5	36364.	5486.2	3441.1
Stddev	3.2	20.9	194.	67.0	20.8
%RSD	.21759	.64757	.53475	1.2204	.60548
#1	1471.9	3243.6	36254.	5412.4	3455.0
#2	1471.9	3235.0	36250.	5543.1	3451.2
#3	1466.3	3203.9	36589.	5503.0	3417.2

Sample Name: S5 Acquired: 3/14/2018 11:16:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.47181	.77552	11.313	.46585	1.5830	26.206	93.343	6.2330
Stddev	.00265	.00154	.023	.00264	.0106	.072	1.083	.0075
%RSD	.56254	.19912	.20474	.56713	.67160	.27339	1.1600	.12057

#1	.46931	.77720	11.306	.46339	1.5727	26.125	92.093	6.2244
#2	.47153	.77416	11.295	.46551	1.5824	26.261	93.945	6.2381
#3	.47459	.77520	11.339	.46864	1.5939	26.232	93.991	6.2365

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	15.469	35.284	4.9028	4.8471	6.1504	6.9295	16.211	4.6874
Stddev	.015	.083	.0072	.0080	.0214	.0350	.065	.0229
%RSD	.09771	.23625	.14676	.16529	.34718	.50566	.39846	.48912

#1	15.481	35.189	4.8947	4.8413	6.1259	6.8895	16.138	4.6610
#2	15.452	35.317	4.9051	4.8436	6.1651	6.9446	16.260	4.7005
#3	15.473	35.346	4.9085	4.8562	6.1601	6.9545	16.236	4.7009

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3126	1.1170	2.6635	.44918	3.9605	9.5009	.43726	5.8616
Stddev	.0078	.0059	.0064	.00308	.0182	.0466	.00025	.0191
%RSD	.23536	.52569	.23950	.68494	.46023	.49091	.05668	.32544

#1	3.3047	1.1228	2.6589	.44589	3.9664	9.4473	.43728	5.8413
#2	3.3127	1.1111	2.6609	.44965	3.9751	9.5231	.43701	5.8644
#3	3.3203	1.1170	2.6708	.45199	3.9401	9.5323	.43750	5.8792

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	6.1468	.23471	5.9840	1.0143	4.6137	13.499	97.905	
Stddev	.0286	.00042	.0165	.0025	.0103	.030	.448	
%RSD	.46463	.17869	.27614	.24662	.22358	.22161	.45730	

#1	6.1179	.23457	5.9709	1.0131	4.6101	13.487	97.427	
#2	6.1475	.23438	6.0026	1.0126	4.6253	13.478	98.315	
#3	6.1750	.23518	5.9785	1.0172	4.6056	13.534	97.971	

Sample Name: S5 Acquired: 3/14/2018 11:16:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	1345.9	3103.3	35259.	5262.1	3322.7
Stddev	3.9	13.6	103.	24.5	5.2
%RSD	.29299	.43800	.29092	.46466	.15572
#1	1341.4	3117.6	35144.	5289.9	3325.7
#2	1348.3	3101.8	35339.	5243.7	3325.7
#3	1348.1	3090.5	35295.	5252.8	3316.7

Sample Name: S6 Acquired: 3/14/2018 11:20:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	67.396	56.315	18.239	7.3861	7.4201
Stddev	.204	.220	.028	.0154	.0294
%RSD	.30284	.39003	.15583	.20847	.39614

#1	67.489	56.244	18.245	7.3843	7.4004
#2	67.537	56.561	18.263	7.4023	7.4539
#3	67.162	56.140	18.207	7.3717	7.4061

Int. Std.	Y_3710
Units	Cts/S
Avg	5239.2
Stddev	8.1
%RSD	.15442

#1	5230.0
#2	5245.1
#3	5242.5

Sample Name: ICV Acquired: 3/14/2018 11:24:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.9362553	1.088098	.9564892	.9681673	.9090240	2.332278
Stddev	.0079503	.003858	.0054239	.0022219	.0015072	.021495
%RSD	.8491573	.3545738	.5670639	.2294928	.1657997	.9216436

#1	.9273730	1.090928	.9588955	.9674419	.9086292	2.308237
#2	.9386875	1.089663	.9502784	.9663988	.9077535	2.338951
#3	.9427053	1.083703	.9602936	.9706612	.9106892	2.349645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4761442	.4868874	.4891678	10.16116	.5384701	.4883467
Stddev	.0033167	.0025070	.0020113	.07566	.0458054	.0018510
%RSD	.6965776	.5149027	.4111679	.7445775	8.506590	.3790326

#1	.4723485	.4878680	.4902856	10.07433	.5095232	.4891718
#2	.4784837	.4887558	.4868459	10.21288	.5912801	.4862266
#3	.4776003	.4840383	.4903719	10.19627	.5146068	.4896416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4886390	5.255298	.5092746	5.744523	.4944470	.4821132
Stddev	.0033704	.055357	.0051644	.047580	.0008118	.0391641
%RSD	.6897457	1.053365	1.014067	.8282591	.1641890	8.123419

#1	.4847713	5.195255	.5036348	5.690181	.4948311	.4616455
#2	.4909471	5.266333	.5137723	5.778693	.4935144	.5272702
#3	.4901985	5.304307	.5104168	5.764696	.4949955	.4574238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.539778	.4954016	1.041504	9.258205	F .0136376	F .0071398
Stddev	.076936	.0051440	.081490	.060606	.0025195	.0006103
%RSD	.8064741	1.038345	7.824289	.6546203	18.47491	8.547435

#1	9.510513	.4907596	.982976	9.192356	.0129407	.0064686
#2	9.627052	.5009319	1.134577	9.270611	.0115399	.0072898
#3	9.481769	.4945135	1.006960	9.311648	.0164323	.0076611

Sample Name: ICV Acquired: 3/14/2018 11:24:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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 .0000583	-.002143	.0052200	F -.000762	-.000956	.0040585
Stddev	.0001963	.000943	.0008797	.000826	.000777	.0012492
%RSD	336.8423	44.01923	16.85215	108.3091	81.27971	30.77897
#1	.0002621	-.001055	.0061571	-.001084	-.000642	.0054108
#2	.0000422	-.002649	.0050909	-.001378	-.001840	.0029479
#3	-.000130	-.002726	.0044120	.000176	-.000384	.0038167

Elem	Sr4077
Units	ppm
Avg	.0113192
Stddev	.0000660
%RSD	.5826828
#1	.0112457
#2	.0113387
#3	.0113733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.647	3818.863	39998.81	5817.582	4414.810
Stddev	119.313	18.541	2903.35	22.232	21.178
%RSD	6.926135	.4855186	7.258592	.3821541	.4796956
#1	1790.204	3825.398	41748.55	5843.225	4410.027
#2	1584.885	3833.252	36647.40	5805.815	4437.970
#3	1792.852	3797.939	41600.47	5803.707	4396.433

Sample Name: ICB Acquired: 3/14/2018 11:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.000959	.0008928	.0003092	-.001468	-.000878	.0042574	-.001025
Stddev	.001454	.0011027	.0006663	.001219	.000479	.0071643	.000422
%RSD	151.5877	123.5160	215.4805	83.06619	54.56301	168.2778	41.19274

#1	-.000019	-.000157	.0001072	-.000167	-.000434	-.003963	-.001195
#2	-.000225	.002041	.0010531	-.001652	-.000814	.007567	-.001336
#3	-.002634	.000794	-.000233	-.002585	-.001386	.009169	-.000544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000044	.0000900	-.007794	-.000361	-.000102	-.002744	-.004312
Stddev	.0000596	.0000850	.002484	.000451	.000080	.001559	.001688
%RSD	1351.517	94.42313	31.86799	125.1706	78.48183	56.81963	39.15360

#1	-.000035	.0001136	-.008387	-.000055	-.000182	-.000971	-.002866
#2	-.000024	-.000004	-.009927	-.000148	-.000100	-.003900	-.003903
#3	.000073	.000161	-.005067	-.000879	-.000022	-.003360	-.006168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001461	-.012855	.0002100	.0002799	.0612423	.0001713	.0010814
Stddev	.0001602	.022946	.0001323	.0002914	.1481758	.0008443	.0037567
%RSD	109.6934	178.4941	62.99556	104.1358	241.9503	492.9908	347.4067

#1	-.000015	-.022504	.0003307	.0000237	-.094296	.0011400	-.002816
#2	.000149	.013340	.0002309	.0002189	.077271	-.000218	.004679
#3	.000305	-.029402	.0000685	.0005969	.200752	-.000408	.001381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911550	-.000525	.0043452	.0000388	-.008012	.0008904	-.000771
Stddev	.0247798	.001402	.0007183	.0000089	.001838	.0006138	.000721
%RSD	12.96317	267.2438	16.53162	23.06425	22.94519	68.93803	93.54582

#1	.1803979	-.002110	.0043075	.0000293	-.009525	.0014807	-.000208
#2	.1735718	-.000018	.0036465	.0000399	-.005966	.0009350	-.000520
#3	.2194955	.000554	.0050817	.0000471	-.008546	.0002555	-.001583

Sample Name: ICB Acquired: 3/14/2018 11:28:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.000419	.0025817	-.000049
Stddev	.000434	.0006743	.000029
%RSD	103.5544	26.11952	59.16580

#1	-.000161	.0029890	-.000069
#2	-.000921	.0018033	-.000016
#3	-.000177	.0029527	-.000061

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.735	3823.900	41828.13	5724.446	4532.137
Stddev	15.048	25.927	125.35	15.799	32.790
%RSD	.8283213	.6780301	.2996854	.2759876	.7235007

#1	1826.298	3850.336	41854.86	5721.597	4562.544
#2	1799.389	3822.851	41691.56	5741.475	4536.471
#3	1824.517	3798.514	41937.96	5710.265	4497.395

Sample Name: ICSA Acquired: 3/14/2018 11:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.002135	.0061909	-.002636	-.012121	.0053617	227.9818
Stddev	.002693	.0030881	.001743	.005575	.0020330	1.1509
%RSD	126.1719	49.88084	66.10465	45.99448	37.91685	.5048207

#1	-.001174	.0043585	-.004204	-.017293	.0049643	228.9219
#2	-.005177	.0044579	-.002944	-.012855	.0075641	226.6983
#3	-.000053	.0097562	-.000760	-.006215	.0035568	228.3253

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041141	.0010992	-.001337	231.1166	.0484119	-.000089
Stddev	.0002581	.0000243	.000267	1.9398	.0001307	.000111
%RSD	6.272273	2.210030	19.94133	.8393122	.2699100	124.2599

#1	.0038327	.0010881	-.001259	233.3086	.0485622	-.000157
#2	.0041699	.0010825	-.001118	229.6217	.0483483	-.000149
#3	.0043397	.0011271	-.001634	230.4195	.0483251	.000039

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003289	93.60370	.0144459	231.8057	.0020643	.0004114
Stddev	.001869	1.11802	.0003896	2.2766	.0002445	.0003359
%RSD	56.83957	1.194418	2.697215	.9821310	11.84653	81.63939

#1	-.004373	94.89456	.0147064	234.4227	.0021815	.0006114
#2	-.004363	92.97324	.0146334	230.2812	.0022281	.0005992
#3	-.001130	92.94328	.0139980	230.7133	.0017832	.0000236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954740	.0019242	-.011871	-.273337	-.002910	F .0115750
Stddev	.2157018	.0013777	.003340	.044767	.000701	.0023669
%RSD	225.9273	71.59508	28.13276	16.37780	24.09009	20.44869

#1	.3184450	.0035131	-.013478	-.251213	-.002347	.0142979
#2	.0801144	.0010628	-.014102	-.243940	-.003695	.0100095
#3	-.112137	.0011968	-.008031	-.324858	-.002688	.0104176

Sample Name: ICSA Acquired: 3/14/2018 11:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0014151	-.009638	-.003712	-.002296	-.003631	.0039438
Stddev	.0002019	.006807	.000368	.000493	.000267	.0008851
%RSD	14.26840	70.62566	9.907140	21.45558	7.358169	22.44302

#1	.0016438	-.009781	-.003691	-.002012	-.003336	.0034855
#2	.0013403	-.002761	-.004089	-.002011	-.003701	.0033818
#3	.0012613	-.016372	-.003355	-.002865	-.003857	.0049640

Elem	Sr4077
Units	ppm
Avg	.0937840
Stddev	.0004666
%RSD	.4974890

#1	.0941830
#2	.0932710
#3	.0938980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.903	4031.747	41061.06	5884.323	4272.261
Stddev	17.032	573.533	308.70	23.231	600.379
%RSD	.9628599	14.22542	.7518120	.3947984	14.05297

#1	1772.569	3690.631	41104.54	5857.728	3913.172
#2	1783.803	3710.705	41345.71	5894.587	3938.244
#3	1750.336	4693.904	40732.92	5900.655	4965.368

Sample Name: ICSAB Acquired: 3/14/2018 11:36:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0887684	.1102128	.0416173	.0306896	.5618827	245.8433
Stddev	.0022644	.0041999	.0018778	.0031935	.0355888	1.2074
%RSD	2.550896	3.810736	4.511936	10.40595	6.333841	.4911167

#1	.0907501	.1142084	.0419721	.0294116	.5868121	244.6142
#2	.0892547	.1105952	.0432924	.0343242	.5777102	247.0277
#3	.0863003	.1058347	.0395875	.0283330	.5211257	245.8879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035316	.4969498	1.004979	247.9125	.5748780	.4970752
Stddev	.0013036	.0026109	.057398	.9172	.0055959	.0290879
%RSD	.2588919	.5253767	5.711318	.3699770	.9734155	5.851817

#1	.5034570	.4948409	1.043521	247.3560	.5788020	.5165202
#2	.5022669	.4998700	1.032402	247.4103	.5773619	.5110704
#3	.5048709	.4961385	.939013	248.9711	.5684701	.4636351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035807	100.2491	.5297583	247.7273	.9847990	F .0631508
Stddev	.0060262	.5965	.0017002	.9553	.0568027	.0006136
%RSD	1.196673	.5950497	.3209361	.3856095	5.767949	.9717003

#1	.5103148	100.4800	.5291253	248.3297	1.022472	.0638430
#2	.4986958	99.5716	.5284654	246.6258	1.012461	.0629355
#3	.5017315	100.6957	.5316841	248.2263	.919464	.0626738

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238103	.5093554	1.044840	-.508200	.0091457	F .0148731
Stddev	.0962854	.0042631	.007141	.006843	.0014175	.0030941
%RSD	404.3856	.8369612	.6834638	1.346478	15.49907	20.80313

#1	.1342717	.5140668	1.046828	-.508326	.0090558	.0172476
#2	-.042356	.5057643	1.050775	-.514978	.0077753	.0113740
#3	-.020485	.5082350	1.036915	-.501294	.0106060	.0159976

Sample Name: ICSAB Acquired: 3/14/2018 11:36:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0024825	.0056866	-.002879	-.002316	-.003772	.0058080
Stddev	.0002931	.0064055	.000333	.000137	.000605	.0009717
%RSD	11.80696	112.6428	11.56424	5.911795	16.03955	16.73131

#1	.0021786	.0117330	-.003058	-.002228	-.003651	.0065631
#2	.0027635	.0063526	-.003083	-.002246	-.003237	.0047116
#3	.0025053	-.001026	-.002495	-.002474	-.004429	.0061492

Elem	Sr4077
Units	ppm
Avg	.1011877
Stddev	.0002522
%RSD	.2492932

#1	.1009404
#2	.1014446
#3	.1011781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.060	3532.223	38566.79	5524.910	3742.198
Stddev	19.479	185.908	401.59	14.313	191.724
%RSD	1.171995	5.263211	1.041276	.2590585	5.123294

#1	1644.066	3418.099	38182.38	5539.735	3625.159
#2	1659.369	3431.825	38534.40	5511.172	3637.978
#3	1682.744	3746.745	38983.59	5523.822	3963.458

Sample Name: CCV040 Acquired: 3/14/2018 11:40:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797368	4.716747	24.22210	4.760452	4.774871	396.9686
Stddev	.065399	.048268	.19467	.058566	.056713	2.8393
%RSD	1.363235	1.023331	.8036711	1.230265	1.187744	.7152506

#1	4.752080	4.689580	24.04189	4.704182	4.724768	398.2909
#2	4.767677	4.688185	24.19585	4.756101	4.763404	393.7094
#3	4.872345	4.772476	24.42855	4.821072	4.836442	398.9057

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.204582	.4635690	2.431498	381.3233	14.28915	2.443137
Stddev	.028004	.0009207	.019230	1.5792	.38562	.021361
%RSD	.3042446	.1986046	.7908627	.4141275	2.698661	.8743130

#1	9.230580	.4625061	2.414229	383.1323	14.61068	2.422988
#2	9.208235	.4641165	2.428044	380.6176	14.39516	2.440892
#3	9.174930	.4640845	2.452221	380.2201	13.86162	2.465532

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.20562	384.4578	13.81011	381.2283	2.398989	1.165131
Stddev	.06966	1.3458	.03533	.9888	.020762	.027613
%RSD	.4904028	.3500636	.2558553	.2593846	.8654567	2.369920

#1	14.25495	384.9269	13.84761	381.9189	2.378900	1.182762
#2	14.12593	385.5063	13.80527	381.6706	2.397702	1.179322
#3	14.23599	382.9402	13.77745	380.0956	2.420365	1.133309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	384.6673	2.294599	F 13.27430	141.9660	4.866677	4.571546
Stddev	1.4948	.017672	.29659	.5382	.047709	.008774
%RSD	.3885995	.7701434	2.234311	.3791263	.9803183	.1919194

#1	386.3902	2.312240	13.57459	142.3887	4.834594	4.576292
#2	383.7160	2.294663	13.26674	141.3601	4.843935	4.576924
#3	383.8956	2.276896	12.98156	142.1493	4.921502	4.561421

Sample Name: CCV040 Acquired: 3/14/2018 11:40:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736411	4.944035	4.528482	4.818966	4.726579	4.787410
Stddev	.052926	.046630	.008209	.042619	.044549	.025849
%RSD	1.117431	.9431579	.1812693	.8844104	.9425273	.5399448

#1	4.690672	4.929772	4.519521	4.784366	4.755137	4.801948
#2	4.724180	4.906203	4.530284	4.805958	4.675247	4.757565
#3	4.794382	4.996131	4.535639	4.866574	4.749354	4.802716

Elem	Sr4077
Units	ppm
Avg	4.771821
Stddev	.076484
%RSD	1.602834

#1	4.746575
#2	4.857736
#3	4.711151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.765	3143.171	36971.48	5461.948	3274.672
Stddev	35.911	30.280	838.73	3.793	23.928
%RSD	2.388097	.9633461	2.268599	.0694365	.7307085

#1	1485.244	3171.315	36388.24	5457.733	3297.787
#2	1480.895	3147.066	36593.51	5463.028	3276.224
#3	1545.156	3111.133	37932.69	5465.083	3250.006

Sample Name: CCB040 Acquired: 3/14/2018 11:44:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009484	.0013743	.0006948	.0003328	-.000888	.0054887	-.000468
Stddev	.0016603	.0025753	.0009232	.0019921	.000860	.0103776	.000022
%RSD	175.0624	187.3971	132.8710	598.5154	96.84158	189.0723	4.802914

#1	-.000969	-.001083	.0009477	.0023330	-.001652	.0153017	-.000474
#2	.001888	.001153	-.000328	.0003166	.000043	-.005374	-.000443
#3	.001926	.004053	.001465	-.001651	-.001055	.006538	-.000487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000157	.0001068	.0072565	.0001757	.0000497	-.000968	-.001219
Stddev	.0000416	.0000467	.0119233	.0001879	.0000821	.002660	.006882
%RSD	265.4046	43.72577	164.3133	106.9572	165.2032	274.8880	564.3631

#1	-.000019	.0001519	.0205200	.0001062	.0000282	-.001529	-.008721
#2	.000005	.0000587	-.002573	.0003885	.0001404	.001928	.004803
#3	.000062	.0001098	.003822	.0000324	-.000020	-.003303	.000259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000590	-.000882	.0000704	.0002573	-.087127	.0012225	.0029046
Stddev	.0001086	.012383	.0002522	.0001528	.102289	.0019028	.0027071
%RSD	184.0151	1403.852	358.4756	59.37381	117.4019	155.6451	93.20149

#1	.0001563	-.014948	-.000081	.0002365	.030267	-.000553	.0022984
#2	.0000788	.008375	-.000070	.0004194	-.157089	.003231	.0005519
#3	-.000058	.003926	.000362	.0001160	-.134559	.000989	.0058633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0657064	-.001963	.0046597	.0003619	-.014667	-.000277	-.000545
Stddev	.0118766	.000495	.0001475	.0001521	.002071	.001193	.000625
%RSD	18.07522	25.21189	3.165180	42.04523	14.12007	430.0572	114.7155

#1	.0521798	-.002437	.0044904	.0003053	-.017026	.000938	.000083
#2	.0744257	-.001450	.0047600	.0002461	-.013829	-.001447	-.000550
#3	.0705136	-.002001	.0047287	.0005342	-.013146	-.000323	-.001168

Sample Name: CCB040 Acquired: 3/14/2018 11:44:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000515	.0020470	-.000003
Stddev	.000676	.0008218	.000046
%RSD	131.2581	40.14777	1509.277

#1	-.000154	.0018724	.000001
#2	-.000096	.0013265	-.000050
#3	-.001296	.0029421	.000041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.565	3847.803	43322.15	5721.131	4572.596
Stddev	33.308	19.799	747.06	81.427	17.380
%RSD	1.764591	.5145572	1.724430	1.423265	.3800868

#1	1911.193	3867.376	43791.81	5773.996	4590.469
#2	1902.031	3848.249	43713.94	5762.035	4571.564
#3	1849.469	3827.785	42460.69	5627.361	4555.755

Sample Name: J1841-10 Acquired: 3/14/2018 11:48:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3120140	.0129392	3.002797	-.014477	.0076963	70.15746	3.042256
Stddev	.0039875	.0021406	.022883	.001575	.0003157	.60624	.014564
%RSD	1.277982	16.54355	.7620555	10.87809	4.101705	.8641146	.4787197

#1	.3163255	.0118566	3.024880	-.012906	.0074710	70.76167	3.058188
#2	.3112575	.0115561	3.004321	-.014470	.0080571	70.16149	3.029628
#3	.3084589	.0154048	2.979190	-.016055	.0075609	69.54921	3.038952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090048	.0068225	54.72470	.2127804	.0503281	.3373430	224.2620
Stddev	.0000905	.0001568	.35188	.0010651	.0001801	.0037801	2.2555
%RSD	1.004930	2.298137	.6430060	.5005524	.3579489	1.120557	1.005760

#1	.0090967	.0068093	55.03695	.2139654	.0505248	.3391906	225.7468
#2	.0090019	.0069854	54.34341	.2124727	.0502884	.3398439	221.6665
#3	.0089158	.0066727	54.79373	.2119029	.0501712	.3329944	225.3726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169928	9.966024	.0855052	.0022985	1.808426	.2514798	3.960662
Stddev	.036710	.123144	.0007914	.0001179	.050437	.0007346	.012778
%RSD	.8803607	1.235643	.9256195	5.127538	2.789002	.2921095	.3226165

#1	4.193142	10.07099	.0862711	.0021943	1.769694	.2518683	3.947724
#2	4.127605	9.83047	.0855540	.0022749	1.790126	.2519385	3.960991
#3	4.189037	9.99661	.0846904	.0024264	1.865459	.2506325	3.973273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852729	11.42571	.0554373	.0117757	10.15694	2.834912	.0730016
Stddev	.071134	.07295	.0075301	.0000456	.06114	.043322	.0001086
%RSD	1.465865	.6384789	13.58303	.3870274	.6019447	1.528153	.1487971

#1	4.934629	11.50033	.0509041	.0117425	10.22741	2.878817	.0729222
#2	4.806352	11.35455	.0512782	.0118277	10.12525	2.833720	.0729573
#3	4.817207	11.42225	.0641296	.0117570	10.11815	2.792198	.0731254

Sample Name: J1841-10 Acquired: 3/14/2018 11:48:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7538416	.0767709	.4239122
Stddev	.0056991	.0005958	.0032173
%RSD	.7560104	.7761321	.7589607

#1	.7568942	.0769327	.4276272
#2	.7573641	.0761108	.4220514
#3	.7472664	.0772691	.4220579

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.348	4364.691	48163.02	6599.488	4523.122
Stddev	8.499	28.550	132.67	65.223	30.393
%RSD	.4061848	.6541233	.2754669	.9882979	.6719437

#1	2100.050	4332.066	48312.54	6525.154	4490.511
#2	2093.764	4376.905	48117.19	6626.172	4528.198
#3	2083.230	4385.103	48059.34	6647.137	4550.657

Sample Name: J1841-11 Acquired: 3/14/2018 11:52:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3108423	.0119918	3.052597	-.015482	.0071398	68.87804	3.017312
Stddev	.0017427	.0019284	.007805	.001272	.0016458	.27983	.006640
%RSD	.5606408	16.08127	.2556682	8.213046	23.05058	.4062754	.2200683

#1	.3089043	.0098060	3.047507	-.016913	.0082651	68.89211	3.019779
#2	.3122804	.0127165	3.048701	-.014482	.0079033	68.59143	3.022365
#3	.3113423	.0134528	3.061582	-.015050	.0052509	69.15057	3.009791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088747	.0069772	53.49101	.2105089	.0505862	.3311871	219.9513
Stddev	.0000941	.0000755	.01966	.0015853	.0007533	.0037067	1.1777
%RSD	1.060003	1.081946	.0367555	.7530608	1.489160	1.119210	.5354545

#1	.0089278	.0070034	53.51328	.2114442	.0500075	.3323646	219.7390
#2	.0089303	.0070361	53.48367	.2114040	.0503132	.3341620	221.2207
#3	.0087661	.0068921	53.47608	.2086785	.0514380	.3270347	218.8942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.093883	9.742502	.0865916	.0022949	1.751103	.2498745	3.898255
Stddev	.016005	.045308	.0007920	.0001391	.065873	.0041200	.033513
%RSD	.3909516	.4650579	.9146440	6.059766	3.761823	1.648819	.8596947

#1	4.087769	9.794803	.0864104	.0021358	1.819243	.2502323	3.884134
#2	4.112044	9.715206	.0859059	.0023557	1.746307	.2538039	3.874113
#3	4.081836	9.717498	.0874585	.0023932	1.687758	.2455873	3.936518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.727695	11.40972	.0515992	.0120221	10.18556	2.809024	.0734491
Stddev	.038058	.08223	.0031283	.0002376	.07211	.008422	.0002919
%RSD	.8049990	.7206922	6.062611	1.976423	.7080030	.2998125	.3973954

#1	4.690140	11.33606	.0504755	.0122529	10.10254	2.816891	.0732118
#2	4.726710	11.39468	.0551340	.0120352	10.22141	2.800140	.0737750
#3	4.766236	11.49844	.0491880	.0117782	10.23272	2.810042	.0733604

Sample Name: J1841-11 Acquired: 3/14/2018 11:52:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM79D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7388919	.0757770	.4166473
Stddev	.0020280	.0003068	.0003334
%RSD	.2744614	.4049161	.0800094

#1	.7393875	.0760858	.4164941
#2	.7366621	.0754722	.4164182
#3	.7406262	.0757729	.4170298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.166	4350.595	48894.43	6663.011	4503.936
Stddev	8.533	19.704	134.30	27.000	15.101
%RSD	.4026630	.4528980	.2746668	.4052202	.3352766

#1	2109.807	4362.104	48761.35	6632.397	4514.655
#2	2126.514	4361.837	48892.03	6683.424	4510.487
#3	2121.177	4327.843	49029.91	6673.212	4486.666

Sample Name: J1841-12 Acquired: 3/14/2018 11:57:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3894461	.1201627	3.361252	.0802623	.1915479	74.22063	7.099889
Stddev	.0035797	.0015168	.016541	.0015791	.0012033	.08627	.038513
%RSD	.9191776	1.262274	.4921106	1.967363	.6282056	.1162320	.5424464

#1	.3864894	.1185412	3.356954	.0797146	.1915627	74.12672	7.095315
#2	.3884228	.1215467	3.347284	.0790300	.1903373	74.23879	7.140484
#3	.3934260	.1204004	3.379517	.0820423	.1927438	74.29637	7.063866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020779	.1131054	52.82013	.6256806	1.093464	.8412788	220.7513
Stddev	.0012901	.0005175	.12194	.0012459	.005516	.0018681	1.1841
%RSD	1.263851	.4575743	.2308545	.1991342	.5044811	.2220539	.5364050

#1	.1012082	.1128620	52.76859	.6256785	1.091765	.8431440	220.2821
#2	.1035602	.1127545	52.95937	.6269276	1.088998	.8394078	222.0981
#3	.1014653	.1136998	52.73242	.6244357	1.099630	.8412846	219.8737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102202	9.648347	1.131938	.0895374	1.748074	1.208805	5.190588
Stddev	.017234	.066815	.005516	.0009578	.117194	.002220	.012834
%RSD	.3377766	.6924985	.4872686	1.069695	6.704155	.1836720	.2472617

#1	5.096403	9.656900	1.131601	.0891823	1.814122	1.208056	5.205398
#2	5.121587	9.710474	1.126598	.0906220	1.817336	1.211303	5.183656
#3	5.088615	9.577668	1.137614	.0888079	1.612763	1.207056	5.182711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.179107	11.33901	.0509189	.0127656	10.41645	2.137634	.0765386
Stddev	.034631	.11065	.0020819	.0001843	.08123	.032130	.0012586
%RSD	.6686643	.9758536	4.088599	1.443965	.7798474	1.503070	1.644381

#1	5.188409	11.36427	.0533049	.0129328	10.41365	2.115653	.0751582
#2	5.208138	11.21791	.0499798	.0127961	10.33666	2.174508	.0776224
#3	5.140776	11.43485	.0494720	.0125680	10.49905	2.122740	.0768351

Sample Name: J1841-12 Acquired: 3/14/2018 11:57:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM79S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7379794	.0806211	.4317582
Stddev	.0027231	.0006748	.0014722
%RSD	.3689991	.8369939	.3409735

#1	.7350506	.0813335	.4310247
#2	.7404348	.0799916	.4334530
#3	.7384527	.0805381	.4307969

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.300	4200.146	47023.75	6395.547	4343.141
Stddev	6.575	11.831	164.88	36.509	16.126
%RSD	.3241708	.2816894	.3506272	.5708450	.3712992

#1	2029.059	4200.486	47098.09	6423.801	4344.512
#2	2021.379	4211.803	46834.79	6354.325	4358.537
#3	2034.463	4188.148	47138.37	6408.516	4326.373

Sample Name: J1841-10LX5 Acquired: 3/14/2018 12:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585809	.0029437	.5759571	-.002516	-.000041	12.70600	.5929477
Stddev	.0034563	.0004919	.0031681	.003141	.000865	.04870	.0019994
%RSD	5.900023	16.71004	.5500553	124.8019	2134.430	.3832523	.3371926

#1	.0567653	.0024436	.5723289	-.002745	-.000796	12.75134	.5943090
#2	.0625667	.0029606	.5773669	-.005537	-.000228	12.71213	.5938818
#3	.0564109	.0034269	.5781757	.000732	.000902	12.65453	.5906522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016357	.0011967	9.648118	.0412612	.0086562	.0624859	40.48846
Stddev	.0000898	.0000678	.051753	.0004047	.0000637	.0011819	.04556
%RSD	5.488156	5.669239	.5364096	.9808064	.7355225	1.891452	.1125313

#1	.0015447	.0012568	9.685330	.0411869	.0085939	.0615533	40.47145
#2	.0016382	.0011231	9.670007	.0408988	.0087212	.0620893	40.54008
#3	.0017242	.0012103	9.589017	.0416979	.0086536	.0638150	40.45385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7610848	1.767323	.0151881	.0007069	.4654608	.0461988	.7559242
Stddev	.0047763	.030438	.0000759	.0001155	.0209027	.0021797	.0059805
%RSD	.6275623	1.722248	.4998272	16.34353	4.490752	4.718198	.7911501

#1	.7659475	1.797963	.0152694	.0006514	.4759086	.0477389	.7588532
#2	.7609069	1.766912	.0151756	.0006296	.4413940	.0437047	.7598756
#3	.7563999	1.737092	.0151191	.0008397	.4790798	.0471527	.7490438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7497783	1.918485	.0089347	.0025363	1.716193	.3918323	.0132288
Stddev	.0762913	.016372	.0007495	.0002091	.014586	.0037865	.0008146
%RSD	10.17518	.8533603	8.388558	8.243332	.8499220	.9663645	6.157421

#1	.7580770	1.899669	.0097460	.0027643	1.700957	.3889568	.0136888
#2	.6696769	1.929476	.0087900	.0023535	1.730028	.3904177	.0122883
#3	.8215810	1.926310	.0082681	.0024912	1.717595	.3961225	.0137094

Sample Name: J1841-10LX5 Acquired: 3/14/2018 12:00:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM79L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1337865	.0150397	.0785567
Stddev	.0008759	.0009708	.0002491
%RSD	.6547167	6.454779	.3170603

#1	.1341808	.0161583	.0788223
#2	.1343960	.0144172	.0783283
#3	.1327827	.0145437	.0785196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.945	3966.911	44420.78	5947.161	4527.819
Stddev	18.286	3.247	347.77	23.127	6.238
%RSD	.9436002	.0818531	.7829094	.3888694	.1377763

#1	1919.468	3966.094	44024.35	5925.357	4525.344
#2	1938.334	3970.489	44563.54	5971.415	4534.915
#3	1956.035	3964.151	44674.47	5944.710	4523.198

Sample Name: J1842-14 Acquired: 3/14/2018 12:05:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1600674	.0287069	.9571154	-.056196	.0174873	90.61951	1.750861
Stddev	.0016839	.0020140	.0048170	.002073	.0017217	.48654	.006052
%RSD	1.051998	7.015900	.5032781	3.688149	9.845572	.5368994	.3456712

#1	.1606147	.0263814	.9623528	-.058574	.0194233	90.97661	1.751326
#2	.1581779	.0298920	.9528749	-.055239	.0161279	90.81657	1.744590
#3	.1614095	.0298473	.9561185	-.054774	.0169107	90.06536	1.756668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189273	-.001940	24.02186	.8048435	.1919490	.1641688	559.3931
Stddev	.0002257	.000376	.09253	.0012831	.0005614	.0002122	3.4261
%RSD	1.192414	19.36556	.3851991	.1594203	.2924665	.1292718	.6124636

#1	.0187169	-.001798	24.08131	.8061504	.1924099	.1640410	558.7628
#2	.0191656	-.001656	23.91525	.8047943	.1921132	.1640515	556.3259
#3	.0188993	-.002365	24.06903	.8035857	.1913238	.1644138	563.0905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.85293	3.877980	.1009105	-.000334	1.383558	.7065907	1.658141
Stddev	.10348	.027197	.0005454	.000442	.129456	.0101091	.034730
%RSD	.6140130	.7013078	.5405067	132.1487	9.356751	1.430689	2.094540

#1	16.89434	3.857537	.1003263	-.000202	1.236360	.7088206	1.697616
#2	16.73516	3.908847	.1009988	-.000827	1.479705	.6955528	1.632281
#3	16.92929	3.867556	.1014064	.000026	1.434609	.7153987	1.644526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8991472	4.372767	.0848311	.0226709	1.553938	3.013480	.0546341
Stddev	.0447018	.033532	.0178148	.0002949	.008861	.016960	.0013227
%RSD	4.971575	.7668392	21.00029	1.300984	.5702562	.5628191	2.420943

#1	.9265680	4.334080	.0861382	.0225486	1.543734	3.020678	.0538534
#2	.9233094	4.390751	.0663987	.0224569	1.558374	3.025655	.0538876
#3	.8475644	4.393472	.1019562	.0230073	1.559705	2.994108	.0561612

Sample Name: J1842-14 Acquired: 3/14/2018 12:05:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7574135	.0519720	.1891003
Stddev	.0058221	.0011203	.0002991
%RSD	.7686814	2.155534	.1581515

#1	.7634946	.0530279	.1893425
#2	.7568552	.0520911	.1891924
#3	.7518907	.0507969	.1887660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.393	4324.464	48957.79	6656.792	4215.716
Stddev	1.183	9.085	55.35	17.933	5.987
%RSD	.0554938	.2100723	.1130495	.2693991	.1420175

#1	2131.298	4314.210	48903.84	6667.245	4209.711
#2	2130.261	4331.506	49014.44	6636.085	4215.751
#3	2132.621	4327.677	48955.08	6667.047	4221.685

Sample Name: PB107299BL Acquired: 3/14/2018 12:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.000800	.0015419	.0017976	.0000979	-.000237	.0112868	-.000507
Stddev	.000722	.0008023	.0009268	.0023866	.000720	.0068323	.000478
%RSD	90.27040	52.03129	51.55587	2437.057	304.2417	60.53325	94.28573

#1	.000018	.0010101	.0019074	-.000603	-.000556	.0067725	-.000105
#2	-.001351	.0011509	.0008208	-.001859	.000588	.0079408	-.000381
#3	-.001068	.0024647	.0026646	.002757	-.000742	.0191471	-.001035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000531	.0000902	.0013337	.0002028	-.000032	-.000805	.0418198
Stddev	.0000740	.0000233	.0054715	.0001757	.000078	.001707	.0090813
%RSD	139.3940	25.86901	410.2647	86.61434	246.3140	212.0791	21.71521

#1	.0000885	.0000641	.0071697	.0000043	-.000031	.000932	.0444627
#2	.0001027	.0001091	.0005114	.0003383	-.000110	-.000866	.0492865
#3	-.000032	.0000973	-.003680	.0002659	.000046	-.002480	.0317103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013912	-.008441	.0001359	.0001527	.0965100	.0027032	.0011483
Stddev	.0004812	.013426	.0002264	.0002995	.1151571	.0024562	.0010709
%RSD	34.58738	159.0595	166.5144	196.1364	119.3214	90.86141	93.25767

#1	.0019109	.006927	.0003972	.0004896	.2283148	.0000584	.0023133
#2	.0013017	-.014357	.0000122	.0000519	.0458320	.0031389	.0002069
#3	.0009611	-.017894	-.000002	-.000083	.0153833	.0049125	.0009247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267971	-.001006	-.000245	.0000657	-.011607	-.000492	-.000242
Stddev	.041820	.000822	.000772	.0001054	.002891	.000440	.000560
%RSD	15.60611	81.71941	315.4672	160.3432	24.90426	89.44114	231.8348

#1	-.232755	-.000057	-.001042	-.000039	-.010993	.000016	.000308
#2	-.256965	-.001448	-.000193	.000172	-.014755	-.000742	-.000222
#3	-.314194	-.001512	.000500	.000064	-.009072	-.000752	-.000812

Sample Name: PB107299BL Acquired: 3/14/2018 12:09:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.000594	.0014593	-.000018
Stddev	.000853	.0007655	.000038
%RSD	143.4626	52.45638	214.3062

#1	-.001344	.0011610	.000017
#2	-.000772	.0008879	-.000057
#3	.000333	.0023291	-.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.665	3893.672	43802.31	5732.703	4619.098
Stddev	20.297	11.003	165.69	34.947	14.142
%RSD	1.057296	.2825931	.3782643	.6096103	.3061623

#1	1938.484	3885.661	43956.78	5699.507	4615.457
#2	1922.353	3906.218	43822.82	5729.431	4634.705
#3	1898.159	3889.137	43627.32	5769.171	4607.133

Sample Name: PB107299BS Acquired: 3/14/2018 12:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0194694	.0507718	.0184346	.0605872	.1026281	.3876641
Stddev	.0026028	.0013365	.0010950	.0007900	.0013534	.0055949
%RSD	13.36872	2.632448	5.940154	1.303888	1.318727	1.443235

#1	.0203778	.0514763	.0195364	.0610025	.1010968	.3820899
#2	.0214962	.0492304	.0173464	.0610828	.1036640	.3876228
#3	.0165341	.0516087	.0184210	.0596761	.1031234	.3932795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3492425	.0092880	.0094618	9.343338	.0206703	.0889239
Stddev	.0011994	.0000750	.0000641	.012799	.0003186	.0003476
%RSD	.3434245	.8070882	.6770388	.1369835	1.541095	.3908444

#1	.3488256	.0092473	.0093991	9.351646	.0208846	.0888434
#2	.3483072	.0092422	.0095272	9.328599	.0203043	.0893047
#3	.3505947	.0093745	.0094591	9.349769	.0208221	.0886237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485378	.1835558	.0282090	8.792321	.0743020	.0172837
Stddev	.0013350	.0048131	.0007879	.055084	.0004366	.0002936
%RSD	2.750474	2.622152	2.793034	.6265065	.5875666	1.698486

#1	.0474718	.1784507	.0280231	8.764983	.0747728	.0173999
#2	.0481064	.1880108	.0290732	8.756254	.0742227	.0169498
#3	.0500351	.1842058	.0275307	8.855728	.0739105	.0175013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.561929	.0876708	.1266740	8.648593	.0254922	F .0172340
Stddev	.016895	.0016102	.0037292	.118796	.0013229	.0003848
%RSD	.1973311	1.836638	2.943942	1.373585	5.189512	2.232728

#1	8.579341	.0890651	.1305709	8.540912	.0240130	.0169473
#2	8.560844	.0859085	.1263120	8.628840	.0265621	.0170834
#3	8.545603	.0880389	.1231389	8.776027	.0259015	.0176713

Sample Name: PB107299BS Acquired: 3/14/2018 12:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0188132	.1424989	.1667730	F .0128720	.1866505	.0893598
Stddev	.0001390	.0022019	.0001590	.0010675	.0022347	.0010750
%RSD	.7386757	1.545221	.0953514	8.292804	1.197245	1.203015

#1	.0189236	.1429126	.1666446	.0127610	.1892277	.0905472
#2	.0188587	.1401195	.1667235	.0139907	.1854717	.0884528
#3	.0186571	.1444647	.1669508	.0118645	.1852519	.0890793

Elem	Sr4077
Units	ppm
Avg	.1837567
Stddev	.0005611
%RSD	.3053596

#1	.1837482
#2	.1831999
#3	.1843220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.461	4049.888	45632.00	6096.530	4680.877
Stddev	8.888	10.359	219.02	34.254	7.123
%RSD	.4431669	.2557952	.4799769	.5618660	.1521734

#1	1995.777	4052.168	45475.91	6124.167	4683.371
#2	2013.245	4038.578	45882.38	6107.216	4672.842
#3	2007.360	4058.917	45537.71	6058.206	4686.418

Sample Name: J1842-01 Acquired: 3/14/2018 12:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2145518	.0115799	1.921740	-.023354	.0103107	66.53859	1.692211
Stddev	.0049191	.0006871	.003317	.001752	.0024574	.14412	.005290
%RSD	2.292708	5.933765	.1725887	7.501317	23.83355	.2165890	.3126127

#1	.2102506	.0114962	1.918270	-.021438	.0128763	66.70462	1.691353
#2	.2199152	.0109385	1.922071	-.023750	.0100779	66.44590	1.697878
#3	.2134897	.0123051	1.924878	-.024874	.0079780	66.46524	1.687403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083056	.0136789	44.32650	.1924919	.0664938	.3418086	251.1662
Stddev	.0001586	.0001493	.14447	.0013021	.0001667	.0014003	.5287
%RSD	1.909355	1.091421	.3259181	.6764313	.2507499	.4096675	.2105114

#1	.0084882	.0136241	44.39349	.1910311	.0663019	.3407536	251.5330
#2	.0082026	.0135648	44.42531	.1935303	.0665764	.3412751	251.4055
#3	.0082260	.0138479	44.16069	.1929144	.0666031	.3433973	250.5602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.799243	6.100633	.0898844	.0019822	1.500595	.2356795	4.780005
Stddev	.015488	.002170	.0008357	.0001236	.105460	.0019477	.074520
%RSD	.4076712	.0355675	.9297354	6.233594	7.027872	.8264286	1.558990

#1	3.812267	6.102055	.0892847	.0019986	1.383227	.2351314	4.850073
#2	3.803345	6.098135	.0895295	.0018513	1.531167	.2340646	4.788228
#3	3.782116	6.101707	.0908390	.0020968	1.587392	.2378426	4.701715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.602649	11.18814	.0544618	.0201589	5.652677	1.463355	.0652473
Stddev	.022690	.12295	.0079208	.0002107	.031145	.018484	.0009117
%RSD	.8718066	1.098894	14.54385	1.045377	.5509732	1.263129	1.397270

#1	2.628393	11.06877	.0486869	.0199859	5.627276	1.484591	.0646717
#2	2.585558	11.31437	.0634915	.0203936	5.687425	1.450880	.0647719
#3	2.593998	11.18129	.0512070	.0200972	5.643330	1.454595	.0662985

Sample Name: J1842-01 Acquired: 3/14/2018 12:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5465822	.0653265	.2777715
Stddev	.0014427	.0001467	.0003861
%RSD	.2639526	.2244968	.1390060

#1	.5474313	.0653071	.2782173
#2	.5449164	.0651905	.2775416
#3	.5473988	.0654819	.2775556

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.214	4278.659	49104.42	6644.159	4467.467
Stddev	25.925	13.039	376.41	27.451	15.826
%RSD	1.210210	.3047493	.7665450	.4131529	.3542511

#1	2127.754	4293.533	48982.88	6624.414	4481.139
#2	2126.744	4273.249	48803.79	6632.556	4471.131
#3	2172.144	4269.197	49526.57	6675.505	4450.130

Sample Name: J1842-02 Acquired: 3/14/2018 12:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2128402	.0130504	1.878413	-.022231	.0091415	65.82849	1.687197
Stddev	.0007706	.0008868	.013157	.005581	.0007032	.21382	.003963
%RSD	.3620717	6.795138	.7004088	25.10526	7.691960	.3248189	.2349054

#1	.2125475	.0132858	1.873468	-.017761	.0087151	66.05648	1.683238
#2	.2137143	.0120697	1.868445	-.020446	.0099531	65.79658	1.687189
#3	.2122587	.0137959	1.893326	-.028486	.0087563	65.63241	1.691165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081744	.0132635	43.89177	.1918091	.0648342	.3423933	249.7477
Stddev	.0001027	.0001273	.13287	.0002289	.0005160	.0014916	.3795
%RSD	1.256192	.9597364	.3027299	.1193537	.7959162	.4356372	.1519418

#1	.0081807	.0132758	44.04497	.1919752	.0644563	.3415931	249.8599
#2	.0080687	.0131305	43.80784	.1915480	.0646241	.3441143	249.3248
#3	.0082737	.0133842	43.82250	.1919043	.0654221	.3414726	250.0585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.762384	6.033066	.0880625	.0019515	1.418788	.2350956	4.661507
Stddev	.005807	.045417	.0007653	.0002728	.129633	.0032080	.038381
%RSD	.1543503	.7527974	.8690348	13.97943	9.136898	1.364538	.8233706

#1	3.767773	6.083999	.0881235	.0022081	1.270590	.2355405	4.697844
#2	3.763146	5.996781	.0872685	.0016650	1.474649	.2380579	4.665312
#3	3.756233	6.018417	.0887954	.0019814	1.511126	.2316884	4.621364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.597142	10.98635	.0586769	.0196289	5.559169	1.443695	.0637716
Stddev	.018338	.02987	.0010564	.0001413	.010005	.002202	.0011328
%RSD	.7060758	.2719125	1.800294	.7200614	.1799681	.1524965	1.776421

#1	2.577690	10.97388	.0575397	.0197653	5.550425	1.444327	.0627537
#2	2.599625	11.02043	.0596276	.0196384	5.557004	1.445511	.0635690
#3	2.614112	10.96473	.0588634	.0194831	5.570080	1.441246	.0649921

Sample Name: J1842-02 Acquired: 3/14/2018 12:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5387575	.0631702	.2758014
Stddev	.0030638	.0007052	.0004487
%RSD	.5686860	1.116359	.1627088

#1	.5408568	.0623559	.2760490
#2	.5401740	.0635686	.2760719
#3	.5352417	.0635860	.2752834

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.507	4347.213	49464.19	6658.373	4553.280
Stddev	5.117	25.900	205.14	38.840	33.958
%RSD	.2355302	.5957888	.4147293	.5833203	.7457815

#1	2167.898	4361.640	49242.87	6613.526	4571.553
#2	2171.610	4362.688	49501.73	6681.148	4574.189
#3	2178.013	4317.313	49647.97	6680.444	4514.099

Sample Name: J1842-03 Acquired: 3/14/2018 12:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2795364	.1066622	1.864803	.0637602	.1748819	66.90030	5.009193
Stddev	.0038181	.0018785	.010646	.0021252	.0015226	.16209	.010118
%RSD	1.365859	1.761134	.5708904	3.333104	.8706692	.2422924	.2019901

#1	.2751974	.1046619	1.860047	.0613751	.1735516	66.92961	5.019329
#2	.2810298	.1083888	1.857365	.0644529	.1745514	67.04575	5.009157
#3	.2823822	.1069359	1.876998	.0654526	.1765426	66.72556	4.999093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878546	.1051639	42.55366	.5453462	.9761210	.7749729	244.4034
Stddev	.0007285	.0006350	.05193	.0022505	.0050223	.0044338	.1727
%RSD	.8291818	.6038651	.1220337	.4126750	.5145117	.5721225	.0706443

#1	.0882285	.1047559	42.61338	.5448345	.9739684	.7728303	244.6027
#2	.0870151	.1048401	42.52841	.5433956	.9725339	.7800710	244.3084
#3	.0883202	.1058956	42.51918	.5478085	.9818608	.7720173	244.2991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.539491	5.887366	1.011456	.0767615	1.546766	1.066470	5.412807
Stddev	.006686	.013847	.005649	.0001379	.106043	.003952	.047747
%RSD	.1472771	.2351983	.5585280	.1796645	6.855790	.3705519	.8821126

#1	4.546302	5.903288	1.010061	.0768434	1.538648	1.069052	5.414281
#2	4.539231	5.880670	1.006634	.0766023	1.445015	1.061920	5.459801
#3	4.532938	5.878139	1.017672	.0768388	1.656635	1.068436	5.364341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461810	10.67872	.0611281	.0194718	5.451526	1.389706	.0621675
Stddev	.044807	.09082	.0053339	.0001643	.050013	.012845	.0010721
%RSD	1.820077	.8504792	8.725820	.8438007	.9174200	.9242817	1.724531

#1	2.414079	10.59826	.0606688	.0193000	5.415664	1.400335	.0614951
#2	2.468384	10.66070	.0666768	.0194881	5.430255	1.375433	.0616037
#3	2.502966	10.77720	.0560387	.0196274	5.508659	1.393349	.0634039

Sample Name: J1842-03 Acquired: 3/14/2018 12:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5239193	.0647033	.2663238
Stddev	.0017685	.0001700	.0004461
%RSD	.3375588	.2627271	.1675154

#1	.5257737	.0645873	.2660848
#2	.5237328	.0646241	.2668385
#3	.5222514	.0648984	.2660480

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.546	4321.199	49400.68	6710.102	4537.008
Stddev	2.650	17.644	47.28	12.796	22.558
%RSD	.1228942	.4083013	.0957061	.1907041	.4972030

#1	2159.362	4325.342	49454.82	6708.143	4541.389
#2	2154.101	4336.403	49379.70	6723.765	4557.055
#3	2156.173	4301.853	49367.53	6698.398	4512.581

Sample Name: PB107302BL Acquired: 3/14/2018 12:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0000054	.0008299	.0005881	-.003309	-.001215	-.003566	-.000209
Stddev	.0020695	.0010329	.0006243	.001698	.000756	.005360	.000216
%RSD	38245.84	124.4619	106.1627	51.32775	62.24607	150.2848	103.1298

#1	.0013922	.0016210	.0011254	-.001364	-.000618	-.009650	-.000454
#2	.0009974	-.000339	.0007356	-.004063	-.000961	.000459	-.000128
#3	-.002373	.001207	-.000097	-.004499	-.002066	-.001508	-.000046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000393	.0001178	-.011481	-.000297	.0000134	.0007067	.0073831
Stddev	.0000605	.0000036	.016351	.000217	.0001849	.0010245	.0085620
%RSD	153.8778	3.055860	142.4133	72.96513	1383.811	144.9732	115.9672

#1	.0000622	.0001137	-.016998	-.000049	-.000115	.0001769	.0104541
#2	-.000029	.0001206	-.024361	-.000394	-.000070	.0000555	.0139860
#3	.000085	.0001190	.006914	-.000448	.000225	.0018877	-.002291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001423	-.007953	.0003024	.0002435	-.099420	.0006583	.0047684
Stddev	.0003232	.007542	.0002812	.0002374	.070471	.0002677	.0008664
%RSD	227.2003	94.84063	92.98218	97.47856	70.88140	40.67538	18.16948

#1	.0005084	-.011150	.0002541	.0005060	-.018058	.0008391	.0041364
#2	-.000103	-.013369	.0006046	.0000439	-.141200	.0007851	.0044126
#3	.000022	.000662	.0000485	.0001807	-.139003	.0003507	.0057560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.538685	.0011110	-.001985	.0002021	-.014350	.0005932	-.000035
Stddev	.042473	.0004368	.000483	.0001026	.004490	.0034750	.000693
%RSD	7.884632	39.31600	24.34281	50.77337	31.28935	585.8043	1998.739

#1	-.522262	.0006363	-.001672	.0001961	-.014630	-.001337	-.000568
#2	-.586918	.0014960	-.002541	.0001026	-.009727	.004605	-.000285
#3	-.506876	.0012007	-.001741	.0003076	-.018694	-.001488	.000749

Sample Name: PB107302BL Acquired: 3/14/2018 12:33:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.000097	.0010097	-.000064
Stddev	.000552	.0007895	.000069
%RSD	569.3068	78.19707	107.5368

#1	.000400	.0001377	-.000061
#2	-.000000	.0012150	.000003
#3	-.000691	.0016762	-.000135

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.533	4067.272	46150.67	5976.412	4829.854
Stddev	20.089	9.981	297.21	25.734	11.827
%RSD	.9878717	.2453890	.6440059	.4305939	.2448677

#1	2010.343	4076.441	45815.03	5963.733	4843.257
#2	2045.618	4068.734	46256.52	6006.025	4825.419
#3	2044.637	4056.641	46380.48	5959.477	4820.885

Sample Name: PB107302BS Acquired: 3/14/2018 12:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0188771	.0496567	.0181487	.0623052	.1038435	.3895517
Stddev	.0006099	.0005723	.0005522	.0005193	.0007463	.0019117
%RSD	3.231078	1.152449	3.042522	.8335463	.7186670	.4907381

#1	.0195811	.0496201	.0176132	.0624280	.1044081	.3913336
#2	.0185079	.0502464	.0181168	.0617355	.1041251	.3897890
#3	.0185422	.0491036	.0187161	.0627522	.1029974	.3875324

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3478693	.0093717	.0093593	9.346930	.0204552	.0890036
Stddev	.0015247	.0000581	.0000358	.028574	.0001372	.0005829
%RSD	.4383006	.6196137	.3828592	.3057011	.6708658	.6549214

#1	.3492535	.0093417	.0093288	9.372436	.0205701	.0889226
#2	.3481193	.0094386	.0093503	9.352304	.0204923	.0884654
#3	.3462350	.0093347	.0093988	9.316052	.0203032	.0896227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474004	.1877347	.0282400	8.787082	.0752330	.0168610
Stddev	.0007088	.0131758	.0001696	.064037	.0001694	.0000641
%RSD	1.495376	7.018297	.6005979	.7287596	.2251138	.3801455

#1	.0480338	.1859038	.0283195	8.859258	.0753758	.0168410
#2	.0466348	.2017301	.0283554	8.737078	.0750459	.0168093
#3	.0475328	.1755701	.0280453	8.764909	.0752774	.0169327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.707898	.0859174	.1134446	8.637009	.0237014	F .0168075
Stddev	.158179	.0018273	.0032735	.087595	.0008628	.0002946
%RSD	1.816498	2.126781	2.885586	1.014179	3.640376	1.753104

#1	8.676042	.0859514	.1096790	8.723947	.0227305	.0169417
#2	8.568071	.0877274	.1150418	8.638309	.0239931	.0170111
#3	8.879580	.0840734	.1156129	8.548772	.0243806	.0164696

Sample Name: PB107302BS Acquired: 3/14/2018 12:37:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0189967	.1441700	.1672956	F .0127046	.1887569	.0895429
Stddev	.0003451	.0048789	.0007308	.0006716	.0004983	.0013150
%RSD	1.816820	3.384114	.4368396	5.286100	.2640019	1.468590

#1	.0193546	.1497310	.1679408	.0121971	.1892641	.0884846
#2	.0189694	.1421705	.1674440	.0134662	.1887385	.0891290
#3	.0186660	.1406085	.1665019	.0124506	.1882680	.0910151

Elem	Sr4077
Units	ppm
Avg	.1839163
Stddev	.0006871
%RSD	.3735780

#1	.1843274
#2	.1842984
#3	.1831232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.825	4075.133	46182.78	6104.681	4714.235
Stddev	8.846	11.963	209.72	69.272	13.491
%RSD	.4321836	.2935520	.4541120	1.134728	.2861679

#1	2050.897	4076.998	46167.15	6051.811	4718.637
#2	2036.677	4086.054	45981.31	6079.135	4724.975
#3	2052.902	4062.348	46399.88	6183.098	4699.093

Sample Name: J1860-01 Acquired: 3/14/2018 12:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2143247	.0224526	2.768312	-.046726	.0147801	103.9444	2.068624
Stddev	.0090329	.0002336	.089994	.001892	.0008398	.1123	.013796
%RSD	4.214583	1.040462	3.250872	4.048269	5.682097	.1079971	.6669072

#1	.2247486	.0223914	2.872222	-.045890	.0157417	104.0454	2.084496
#2	.2087971	.0227107	2.715356	-.045397	.0144083	103.9642	2.061873
#3	.2094283	.0222557	2.717357	-.048892	.0141905	103.8235	2.059504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181258	.0218618	91.30854	.5098625	.1445713	.5696717	464.2350
Stddev	.0000830	.0010569	.54233	.0016760	.0049725	.0034698	4.0842
%RSD	.4580589	4.834497	.5939514	.3287162	3.439458	.6090914	.8797705

#1	.0180645	.0230674	91.85694	.5116175	.1503105	.5731829	468.9314
#2	.0182202	.0210945	90.77249	.5096914	.1415565	.5662448	461.5141
#3	.0180925	.0214236	91.29620	.5082786	.1418467	.5695876	462.2595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.42916	16.16526	.1475588	.0011075	1.937364	.5197374	6.120861
Stddev	.11055	.11931	.0047633	.0002214	.169834	.0057326	.058572
%RSD	.8894730	.7380339	3.228066	19.99107	8.766253	1.102979	.9569281

#1	12.55417	16.29368	.1530548	.0012155	1.987101	.5258223	6.187510
#2	12.34426	16.14425	.1449970	.0008529	2.076777	.5144381	6.097492
#3	12.38906	16.05786	.1446247	.0012543	1.748214	.5189519	6.077581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.473683	9.474953	.0992034	.0152075	5.633750	2.440178	.1219789
Stddev	.063880	.346980	.0188755	.0004904	.204249	.016578	.0043009
%RSD	1.167038	3.662071	19.02704	3.224678	3.625456	.6793792	3.525936

#1	5.540177	9.875540	.1209982	.0157686	5.869398	2.421053	.1268792
#2	5.412785	9.268160	.0884601	.0148612	5.507544	2.450453	.1188301
#3	5.468086	9.281158	.0881519	.0149926	5.524308	2.449029	.1202274

Sample Name: J1860-01 Acquired: 3/14/2018 12:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9804163	.0955315	.3376062
Stddev	.0039966	.0003246	.0014644
%RSD	.4076459	.3398177	.4337498

#1	.9833472	.0956396	.3392365
#2	.9820379	.0957883	.3371796
#3	.9758637	.0951666	.3364025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.852	4752.849	52840.73	7121.196	4511.597
Stddev	26.105	114.533	456.02	2.436	130.999
%RSD	1.126277	2.409781	.8630149	.0342062	2.903603

#1	2287.802	4621.171	52315.95	7123.956	4360.416
#2	2330.810	4829.339	53140.73	7119.348	4591.534
#3	2334.943	4808.037	53065.49	7120.283	4582.842

Sample Name: J1860-02 Acquired: 3/14/2018 12:45:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1360714	.0305415	2.457303	-.057006	.0270878	95.74541	1.873051
Stddev	.0037729	.0014193	.026731	.001751	.0014509	.27143	.004971
%RSD	2.772758	4.647056	1.087811	3.070974	5.356380	.2834925	.2654163

#1	.1361866	.0295318	2.465913	-.057485	.0267745	95.61833	1.868963
#2	.1322422	.0299284	2.427328	-.055066	.0258191	96.05706	1.871604
#3	.1397854	.0321643	2.478667	-.058468	.0286698	95.56082	1.878585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153882	.0123851	105.6770	.7038665	.1646680	.7976941	507.0523
Stddev	.0002487	.0002263	.3685	.0033536	.0015263	.0060563	1.2955
%RSD	1.616189	1.827053	.3486959	.4764502	.9268817	.7592297	.2555050

#1	.0156262	.0122943	105.5346	.7072518	.1644054	.7928288	507.5778
#2	.0154085	.0122183	105.4009	.7038023	.1632900	.7957764	505.5766
#3	.0151300	.0126427	106.0954	.7005455	.1663085	.8044771	508.0026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14126	14.04926	.1805329	.0003449	1.842650	.5178783	7.066040
Stddev	.08045	.02566	.0025126	.0003435	.118859	.0022588	.086378
%RSD	.5313085	.1826449	1.391738	99.58526	6.450413	.4361661	1.222444

#1	15.15412	14.03407	.1794680	-.000045	1.708765	.5179977	6.994383
#2	15.05516	14.03482	.1787282	.000604	1.883452	.5155622	7.041785
#3	15.21451	14.07888	.1834025	.000475	1.935734	.5200751	7.161953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.677633	17.55871	.1398934	.0292111	4.715389	2.012710	.1367566
Stddev	.014622	.14990	.0114624	.0002313	.040869	.023415	.0009387
%RSD	.2189642	.8536982	8.193682	.7919020	.8667126	1.163358	.6864236

#1	6.694315	17.51715	.1406527	.0293535	4.724295	2.032620	.1374062
#2	6.667035	17.43398	.1280702	.0289442	4.670801	2.018597	.1356803
#3	6.671551	17.72501	.1509572	.0293356	4.751070	1.986913	.1371833

Sample Name: J1860-02 Acquired: 3/14/2018 12:45:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9542097	.0693653	.3996372
Stddev	.0059888	.0003896	.0009195
%RSD	.6276159	.5616801	.2300766

#1	.9472981	.0689745	.3986426
#2	.9578577	.0697537	.4004563
#3	.9574735	.0693679	.3998125

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.055	4315.904	49728.11	6893.530	4256.859
Stddev	19.596	27.249	116.74	51.274	36.328
%RSD	.9118376	.6313707	.2347501	.7437988	.8534055

#1	2171.555	4310.843	49859.05	6886.006	4247.563
#2	2139.876	4345.328	49690.36	6846.433	4296.932
#3	2135.733	4291.539	49634.92	6948.150	4226.082

Sample Name: J1860-03 Acquired: 3/14/2018 12:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1894643	.0225504	1.546005	-.057280	.0133195	123.5036	2.401383
Stddev	.0038259	.0018929	.010712	.001297	.0008869	.4795	.002052
%RSD	2.019302	8.394186	.6929016	2.264802	6.658640	.3882411	.0854619

#1	.1852214	.0230915	1.546616	-.058763	.0142931	123.3785	2.399795
#2	.1905202	.0204458	1.535000	-.056718	.0131079	124.0332	2.403701
#3	.1926513	.0241137	1.556399	-.056358	.0125576	123.0990	2.400655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215984	.0077792	337.6311	.4328633	.1751007	.2739164	473.6463
Stddev	.0002069	.0004997	.0639	.0022314	.0013551	.0037248	2.1353
%RSD	.9578285	6.424024	.0189190	.5154942	.7739041	1.359821	.4508313

#1	.0217180	.0074577	337.5608	.4303131	.1753875	.2698903	476.0595
#2	.0213595	.0075250	337.6855	.4344569	.1736251	.2746193	472.8778
#3	.0217176	.0083549	337.6471	.4338199	.1762894	.2772397	472.0015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.52147	121.2161	.1050173	.0000003	2.457235	.6263606	3.031057
Stddev	.04833	.2854	.0009927	.0001883	.071853	.0023149	.010872
%RSD	.2475605	.2354066	.9452958	57184.64	2.924121	.3695846	.3586894

#1	19.57681	121.5405	.1057691	-.000173	2.525534	.6243285	3.019353
#2	19.48758	121.0039	.1038920	.000201	2.382290	.6258725	3.032976
#3	19.50002	121.1038	.1053909	-.000027	2.463879	.6288806	3.040842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18215	8.343366	.0769282	.0097682	9.968236	3.735994	.0953672
Stddev	.10298	.033883	.0036775	.0001371	.057711	.028457	.0016188
%RSD	1.011407	.4061083	4.780475	1.403209	.5789513	.7616992	1.697441

#1	10.13167	8.377936	.0809829	.0098288	10.00194	3.703846	.0959000
#2	10.30063	8.310215	.0738083	.0096113	9.90160	3.746176	.0935491
#3	10.11414	8.341947	.0759933	.0098646	10.00117	3.757958	.0966524

Sample Name: J1860-03 Acquired: 3/14/2018 12:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.267809	.1171758	.4823358
Stddev	.006230	.0008115	.0014167
%RSD	.4913834	.6925230	.2937146

#1	1.262940	.1169351	.4832604
#2	1.274829	.1180804	.4830421
#3	1.265657	.1165120	.4807048

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.090	4342.546	50719.41	7213.802	3715.723
Stddev	2.501	32.496	82.71	35.307	28.976
%RSD	.1155710	.7483091	.1630834	.4894322	.7798193

#1	2165.067	4341.449	50801.21	7188.338	3713.893
#2	2165.956	4375.576	50635.81	7198.961	3745.570
#3	2161.248	4310.612	50721.23	7254.107	3687.705

Sample Name: J1860-04 Acquired: 3/14/2018 12:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400818	.0213545	2.943240	-.033871	.0099746	94.47208	2.643984
Stddev	.0056027	.0022850	.157995	.004680	.0003619	.62126	.011097
%RSD	3.999588	10.70043	5.368050	13.81665	3.627943	.6576081	.4197242

#1	.1461699	.0190455	3.124013	-.036347	.0095787	94.93827	2.650557
#2	.1351426	.0214031	2.831565	-.028473	.0102883	94.71118	2.650224
#3	.1389330	.0236148	2.874142	-.036792	.0100568	93.76680	2.631171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148595	.0132157	133.7116	.2999353	.1210736	.6201133	346.4429
Stddev	.0000559	.0014325	.7064	.0013080	.0071116	.0072600	2.2647
%RSD	.3762354	10.83906	.5282871	.4361038	5.873811	1.170762	.6537061

#1	.0148888	.0148298	133.9775	.3003567	.1292349	.6272254	347.3054
#2	.0148946	.0120957	134.2464	.3009807	.1162050	.6204005	348.1496
#3	.0147950	.0127217	132.9108	.2984685	.1177811	.6127139	343.8736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49939	25.67630	.1318294	.0036542	2.091347	.3882846	6.472460
Stddev	.09432	.16667	.0068951	.0002659	.137077	.0021381	.038895
%RSD	.7545708	.6491381	5.230312	7.277382	6.554463	.5506581	.6009267

#1	12.54459	25.70252	.1396680	.0034477	2.101693	.3890205	6.472397
#2	12.56259	25.82831	.1267019	.0035607	1.949391	.3899576	6.511386
#3	12.39097	25.49806	.1291183	.0039543	2.222958	.3858757	6.433597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.636419	16.60806	.0856822	.0142135	7.135221	2.662230	.1395209
Stddev	.111263	1.10756	.0002547	.0009872	.462061	.040164	.0096283
%RSD	1.457000	6.668826	.2972902	6.945712	6.475779	1.508663	6.900983

#1	7.742073	17.88478	.0858271	.0152235	7.668763	2.673410	.1506238
#2	7.646896	16.03436	.0858314	.0132508	6.868885	2.695619	.1334713
#3	7.520289	15.90505	.0853881	.0141662	6.868014	2.617660	.1344676

Sample Name: J1860-04 Acquired: 3/14/2018 12:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9831236	.0912030	.5450483
Stddev	.0103345	.0002988	.0026937
%RSD	1.051194	.3275693	.4942130

#1	.9913049	.0911208	.5469129
#2	.9865564	.0915342	.5462720
#3	.9715095	.0909539	.5419599

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.221	4475.121	49557.49	6909.998	4248.600
Stddev	14.017	174.913	92.86	42.046	201.121
%RSD	.6595477	3.908562	.1873722	.6084867	4.733818

#1	2140.762	4276.227	49664.55	6899.034	4019.541
#2	2113.535	4604.988	49509.09	6874.519	4396.274
#3	2121.366	4544.149	49498.84	6956.440	4329.986

Sample Name: J1860-05 Acquired: 3/14/2018 12:57:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2070402	.0305078	3.104281	-.051888	.0124890	109.1266	2.567472
Stddev	.0014968	.0016211	.020178	.000934	.0009870	.5354	.012000
%RSD	.7229530	5.313699	.6500064	1.800192	7.902719	.4906555	.4673721

#1	.2078723	.0286400	3.095658	-.052939	.0117553	108.9364	2.570663
#2	.2053122	.0313339	3.089847	-.051151	.0121006	109.7312	2.554199
#3	.2079360	.0315494	3.127337	-.051575	.0136111	108.7122	2.577554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206102	.0202483	320.6712	.3191961	.1405700	.4961619	455.1090
Stddev	.0002163	.0001392	1.0505	.0004332	.0010218	.0043818	2.3493
%RSD	1.049278	.6875957	.3275976	.1357226	.7269224	.8831331	.5162009

#1	.0205767	.0203957	320.7724	.3196583	.1404494	.4968462	455.6742
#2	.0204125	.0201190	319.5737	.3191304	.1396138	.5001613	452.5287
#3	.0208412	.0202303	321.6674	.3187994	.1416468	.4914782	457.1241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.19480	106.4004	.1815893	.0032169	2.282341	.4085767	6.685080
Stddev	.10962	.4490	.0016258	.0001276	.161688	.0007502	.097526
%RSD	.4938993	.4219638	.8952919	3.967550	7.084291	.1836105	1.458861

#1	22.17691	106.6002	.1805119	.0032246	2.467213	.4082828	6.634764
#2	22.09522	105.8862	.1807967	.0030856	2.167331	.4080181	6.797488
#3	22.31226	106.7148	.1834594	.0033405	2.212478	.4094294	6.622989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76757	10.52654	.1235450	.0155264	8.724447	4.083290	.1466629
Stddev	.06830	.06179	.0036145	.0005184	.035174	.029911	.0025638
%RSD	.6343499	.5869912	2.925695	3.338583	.4031679	.7325163	1.748100

#1	10.69382	10.52786	.1213497	.0149879	8.736784	4.096863	.1445019
#2	10.82866	10.46410	.1277168	.0155692	8.684766	4.049000	.1459911
#3	10.78022	10.58766	.1215684	.0160220	8.751790	4.104008	.1494958

Sample Name: J1860-05 Acquired: 3/14/2018 12:57:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.373039	.1206372	.5628606
Stddev	.007375	.0015186	.0012657
%RSD	.5371612	1.258846	.2248751

#1	1.369881	.1190875	.5643174
#2	1.381468	.1221227	.5622337
#3	1.367769	.1207015	.5620307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2070.469	4192.947	48646.80	6982.927	3680.837
Stddev	5.162	14.229	11.36	18.318	16.098
%RSD	.2493330	.3393483	.0233572	.2623200	.4373346

#1	2074.509	4192.311	48644.94	6962.069	3685.948
#2	2064.653	4207.483	48636.48	6996.398	3693.760
#3	2072.245	4179.046	48658.98	6990.313	3662.805

Sample Name: J1860-06 Acquired: 3/14/2018 13:01:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989099	.0279141	3.038100	-.050339	.0136422	106.6270	2.622117
Stddev	.0025319	.0011136	.010791	.002991	.0008635	.1569	.006360
%RSD	1.272912	3.989198	.3551792	5.941206	6.329783	.1471625	.2425376

#1	.1991536	.0267399	3.038371	-.052703	.0133869	106.7496	2.616144
#2	.2013112	.0280476	3.027176	-.051337	.0146045	106.4501	2.621402
#3	.1962649	.0289549	3.048752	-.046977	.0129351	106.6812	2.628803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213283	.0186262	321.4030	.3130975	.1386446	.4957341	460.3173
Stddev	.0002519	.0001478	.4226	.0018481	.0000816	.0041370	.6218
%RSD	1.181047	.7934631	.1314805	.5902522	.0588719	.8345117	.1350887

#1	.0214383	.0184581	320.9277	.3120371	.1386554	.4986733	459.5999
#2	.0210401	.0186850	321.7362	.3152314	.1387203	.4910033	460.7005
#3	.0215065	.0187356	321.5452	.3120239	.1385581	.4975257	460.6517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.47174	106.3202	.1840631	.0008508	2.514782	.4132530	6.568796
Stddev	.02095	.1320	.0005820	.0003196	.058621	.0041129	.062672
%RSD	.0932256	.1241554	.3162024	37.56538	2.331071	.9952531	.9540834

#1	22.44755	106.1708	.1843300	.0008934	2.449867	.4092104	6.604912
#2	22.48365	106.3687	.1844638	.0011469	2.530626	.4131158	6.496429
#3	22.48402	106.4211	.1833955	.0005120	2.563853	.4174328	6.605048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77869	10.36112	.1340324	.0150091	8.499591	4.226145	.1429800
Stddev	.05411	.09882	.0031646	.0001849	.074641	.023226	.0014759
%RSD	.5020203	.9537153	2.361097	1.232207	.8781716	.5495833	1.032238

#1	10.81077	10.26520	.1304653	.0148949	8.429649	4.244763	.1446790
#2	10.80908	10.35557	.1365030	.0149099	8.490946	4.200118	.1422461
#3	10.71621	10.46259	.1351288	.0152225	8.578178	4.233556	.1420150

Sample Name: J1860-06 Acquired: 3/14/2018 13:01:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.335229	.1222239	.5557894
Stddev	.005570	.0008809	.0003595
%RSD	.4171631	.7207296	.0646873

#1	1.341634	.1222712	.5561755
#2	1.332527	.1230803	.5554642
#3	1.331524	.1213203	.5557285

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.840	4250.411	47766.34	6948.473	3742.973
Stddev	10.147	4.721	131.53	10.416	8.874
%RSD	.5003795	.1110703	.2753674	.1499031	.2370966

#1	2020.826	4246.335	47752.13	6939.360	3738.566
#2	2039.475	4255.584	47904.40	6959.827	3753.188
#3	2023.219	4249.314	47642.49	6946.233	3737.165

Sample Name: J1860-07 Acquired: 3/14/2018 13:05:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2615862	.1329267	2.975866	.0379758	.1836098	105.5082	6.091815
Stddev	.0018559	.0011700	.009588	.0042296	.0008869	.2020	.011431
%RSD	.7094723	.8801992	.3221997	11.13774	.4830242	.1914584	.1876522

#1	.2637090	.1317363	2.973966	.0336263	.1840444	105.6053	6.096668
#2	.2607790	.1329686	2.967370	.0420744	.1825895	105.6434	6.100020
#3	.2602707	.1340752	2.986262	.0382268	.1841956	105.2760	6.078758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049983	.1230447	316.7105	.6440132	1.164529	.9078158	458.3588
Stddev	.0007259	.0007847	.6342	.0010576	.005097	.0032064	1.0017
%RSD	.6913445	.6376930	.2002452	.1642127	.4376858	.3531963	.2185422

#1	.1042371	.1225783	316.7030	.6433869	1.164209	.9079273	457.4731
#2	.1056828	.1226051	317.3484	.6434185	1.159599	.9109650	459.4459
#3	.1050751	.1239506	316.0800	.6452342	1.169778	.9045552	458.1572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.04613	103.7993	1.198016	.0843670	2.432219	1.277048	7.201724
Stddev	.05877	.1760	.004505	.0003644	.066172	.000509	.043973
%RSD	.2550078	.1695864	.3760589	.4318951	2.720645	.0398837	.6105891

#1	23.01801	103.6737	1.202400	.0839676	2.359242	1.276958	7.252201
#2	23.11368	104.0005	1.193398	.0846813	2.488317	1.276589	7.171720
#3	23.00671	103.7236	1.198250	.0844520	2.449097	1.277596	7.181252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57371	10.04203	.1184199	.0148711	8.248329	4.251811	.1417232
Stddev	.02646	.01940	.0106219	.0002720	.020656	.040901	.0015002
%RSD	.2502616	.1931678	8.969719	1.829120	.2504314	.9619645	1.058541

#1	10.60423	10.05554	.1281356	.0146174	8.240599	4.209945	.1413319
#2	10.55971	10.01980	.1070791	.0148375	8.232653	4.291674	.1404575
#3	10.55720	10.05075	.1200451	.0151583	8.271736	4.253815	.1433803

Sample Name: J1860-07 Acquired: 3/14/2018 13:05:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.282485	.1196096	.5410166
Stddev	.001567	.0004553	.0007245
%RSD	.1221887	.3806622	.1339181

#1	1.281691	.1198802	.5412409
#2	1.284291	.1198646	.5416024
#3	1.281475	.1190839	.5402064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.490	4256.452	47167.88	6896.207	3778.517
Stddev	11.756	15.531	224.82	12.866	12.943
%RSD	.5939107	.3648712	.4766300	.1865658	.3425475

#1	1967.473	4259.282	46991.10	6905.751	3782.689
#2	1990.967	4270.374	47420.91	6881.575	3788.860
#3	1980.032	4239.702	47091.64	6901.294	3764.003

Sample Name: J1842-01LX5 Acquired: 3/14/2018 13:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432171	.0027838	.3612645	-.003090	.0014075	12.53173	.3360772
Stddev	.0007029	.0004845	.0027623	.003273	.0002340	.02584	.0004803
%RSD	1.626449	17.40407	.7646247	105.9427	16.62609	.2062143	.1429208

#1	.0424384	.0031484	.3594889	-.006599	.0012009	12.54276	.3357509
#2	.0438046	.0029690	.3598575	-.002550	.0013599	12.55021	.3358519
#3	.0434084	.0022341	.3644470	-.000120	.0016616	12.50220	.3366288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017341	.0027148	8.938860	.0381893	.0122049	.0652114	52.18305
Stddev	.0000222	.0000074	.021362	.0000929	.0001573	.0012975	.07153
%RSD	1.281149	.2711572	.2389837	.2432650	1.288879	1.989620	.1370769

#1	.0017149	.0027228	8.917650	.0381098	.0121481	.0646453	52.12611
#2	.0017289	.0027083	8.938559	.0382914	.0120838	.0666957	52.15970
#3	.0017584	.0027134	8.960371	.0381668	.0123827	.0642932	52.26333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7756842	1.232927	.0165100	.0011106	.1801541	.0482697	.9263434
Stddev	.0010857	.043795	.0001149	.0001754	.1376760	.0039692	.0052048
%RSD	.1399621	3.552078	.6957066	15.78853	76.42127	8.222920	.5618594

#1	.7755990	1.206544	.0163778	.0012921	.3276707	.0451756	.9316482
#2	.7768100	1.208756	.0165666	.0010976	.1577165	.0468884	.9261374
#3	.7746437	1.283480	.0165856	.0009421	.0550750	.0527449	.9212448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3921314	2.061697	.0084506	.0042991	1.034343	.2974995	.0113600
Stddev	.0318118	.026563	.0005061	.0001617	.014825	.0003005	.0005204
%RSD	8.112539	1.288407	5.989277	3.761917	1.433323	.1010224	4.580546

#1	.3553985	2.031029	.0083619	.0041175	1.017262	.2973455	.0109958
#2	.4103938	2.077466	.0089952	.0044276	1.041906	.2978458	.0119560
#3	.4106020	2.076596	.0079947	.0043523	1.043862	.2973071	.0111283

Sample Name: J1842-01LX5 Acquired: 3/14/2018 13:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM91L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1034668	.0089731	.0550214
Stddev	.0009765	.0003874	.0000738
%RSD	.9437618	4.317639	.1341770

#1	.1033119	.0091193	.0550590
#2	.1045114	.0092663	.0549363
#3	.1025770	.0085339	.0550689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.460	4038.479	45015.34	6215.399	4632.378
Stddev	3.711	29.299	43.68	8.008	31.418
%RSD	.1923520	.7255054	.0970234	.1288404	.6782355

#1	1932.742	4059.488	45016.97	6218.636	4655.394
#2	1925.432	4050.940	44970.88	6221.281	4645.157
#3	1930.207	4005.009	45058.18	6206.279	4596.584

Sample Name: CCV041 Acquired: 3/14/2018 13:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.681213	F 4.499786	23.37171	4.704228	4.653964	386.4664
Stddev	.016732	.031842	.11634	.038293	.029592	1.2641
%RSD	.3574214	.7076373	.4977926	.8140119	.6358459	.3270882

#1	4.669831	4.465021	23.29308	4.660063	4.644035	386.8421
#2	4.673384	4.506802	23.31669	4.728172	4.630613	387.5000
#3	4.700423	4.527535	23.50536	4.724448	4.687244	385.0570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.034005	F .4441843	2.358933	370.8324	F 13.87319	2.367072
Stddev	.026959	.0029382	.014094	.6600	.01346	.014077
%RSD	.2984171	.6614918	.5974790	.1779829	.0969915	.5946899

#1	9.042039	.4414787	2.347051	370.9988	13.88139	2.358379
#2	9.003943	.4473099	2.355243	370.1052	13.88051	2.359525
#3	9.056034	.4437642	2.374505	371.3934	13.85766	2.383313

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.77602	372.0026	F 13.34048	366.3368	2.303285	1.134085
Stddev	.02809	1.3601	.04319	1.6649	.011664	.004448
%RSD	.2038899	.3656118	.3237875	.4544624	.5064196	.3922182

#1	13.80837	371.3133	13.32397	365.8822	2.297314	1.137965
#2	13.76181	371.1252	13.30797	364.9464	2.295816	1.135061
#3	13.75787	373.5694	13.38949	368.1817	2.316727	1.129231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	371.9784	F 2.236643	F 13.05230	138.0683	4.663769	F 4.412257
Stddev	1.4826	.006528	.17219	.1648	.024956	.025203
%RSD	.3985794	.2918762	1.319206	.1193960	.5351120	.5712024

#1	373.5901	2.234865	13.24781	137.8870	4.639375	4.384653
#2	371.6726	2.231188	12.98582	138.1086	4.662679	4.434040
#3	370.6725	2.243876	12.92326	138.2092	4.689252	4.418080

Sample Name: CCV041 Acquired: 3/14/2018 13:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.606883	4.759881	4.337585	4.650989	4.622228	4.626059
Stddev	.025200	.028988	.028386	.032288	.012245	.014906
%RSD	.5470004	.6089974	.6544265	.6942218	.2649167	.3222257

#1	4.587402	4.731683	4.311547	4.623067	4.631582	4.633744
#2	4.597904	4.758363	4.367846	4.643554	4.626734	4.635555
#3	4.635342	4.789598	4.333361	4.686346	4.608369	4.608878

Elem	Sr4077
Units	ppm
Avg	4.688925
Stddev	.016553
%RSD	.3530283

#1	4.672495
#2	4.688681
#3	4.705599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.912	3206.986	37719.04	5667.260	3359.814
Stddev	9.511	13.384	180.73	17.136	14.540
%RSD	.6291034	.4173271	.4791498	.3023738	.4327687

#1	1500.930	3213.603	37510.70	5680.002	3368.679
#2	1517.490	3215.772	37833.68	5647.778	3367.730
#3	1517.317	3191.583	37812.73	5673.999	3343.033

Sample Name: CCB041 Acquired: 3/14/2018 13:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010815	.0012339	.0012967	-.000320	-.000153	.0126459	-.000897
Stddev	.0003104	.0009996	.0004066	.000382	.000503	.0052766	.000794
%RSD	28.70043	81.00913	31.35737	119.2568	328.0805	41.72546	88.44724

#1	.0009229	.0001615	.0016283	-.000759	-.000425	.0183722	-.001066
#2	.0014392	.0021398	.0014188	-.000069	-.000462	.0079801	-.001594
#3	.0008825	.0014004	.0008431	-.000132	.000427	.0115855	-.000033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000576	.0001180	.0069758	-.000001	.0000618	-.000024	.0104268
Stddev	.0000254	.0000317	.0055518	.000144	.0001227	.002358	.0033081
%RSD	44.06796	26.86146	79.58728	14360.25	198.5358	9634.600	31.72725

#1	.0000408	.0001404	.0119591	-.000011	.0001211	.002666	.0069914
#2	.0000453	.0000817	.0079768	.000148	.0001435	-.001010	.0135910
#3	.0000868	.0001320	.0009916	-.000140	-.000079	-.001730	.0106981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007378	.0242829	.0003665	.0004086	.0110808	-.001080	.0014639
Stddev	.0001799	.0138912	.0002013	.0001410	.1019462	.001839	.0008239
%RSD	24.38200	57.20561	54.90290	34.50223	920.0255	170.2404	56.28101

#1	.0008479	.0402905	.0001678	.0005680	.0268929	.001031	.0024103
#2	.0005302	.0171627	.0005702	.0003001	-.097848	-.002335	.0009068
#3	.0008354	.0153954	.0003616	.0003579	.104197	-.001937	.0010745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.084248	-.000005	.0042357	.0004346	-.016230	-.000689	.0003667
Stddev	.041415	.001198	.0008722	.0003225	.002689	.000831	.0002803
%RSD	49.15863	23829.54	20.59261	74.19693	16.56628	120.5662	76.43523

#1	-.132061	-.001336	.0033396	.0006620	-.018735	.000123	.0000582
#2	-.059521	.000987	.0050820	.0005762	-.013389	-.001538	.0004362
#3	-.061163	.000334	.0042854	.0000656	-.016566	-.000653	.0006057

Sample Name: CCB041 Acquired: 3/14/2018 13:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000339	-.001655	.0000911
Stddev	.000055	.000578	.0000673
%RSD	16.28824	34.91089	73.84818

#1	-.000284	-.002305	.0001362
#2	-.000338	-.001201	.0001235
#3	-.000395	-.001459	.0000138

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.854	4010.498	45128.39	6224.071	4775.045
Stddev	6.318	15.516	226.61	25.367	22.272
%RSD	.3272102	.3868838	.5021523	.4075638	.4664189

#1	1932.771	4021.783	45183.88	6202.378	4792.476
#2	1935.991	4016.907	45322.09	6217.872	4782.704
#3	1923.799	3992.804	44879.18	6251.962	4749.954

Sample Name: J1860-08 Acquired: 3/14/2018 13:25:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2147497	.0354269	3.221239	-.046805	.0134077	99.45311	2.649150
Stddev	.0012905	.0017872	.007467	.000872	.0015994	.12657	.012763
%RSD	.6009273	5.044644	.2317930	1.862043	11.92894	.1272623	.4817626

#1	.2134858	.0353486	3.229739	-.047426	.0117568	99.59735	2.645268
#2	.2160653	.0336802	3.218238	-.047182	.0149501	99.36060	2.663403
#3	.2146982	.0372520	3.215739	-.045809	.0135161	99.40138	2.638779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174701	.0187447	223.6864	.3274338	.1340030	.5030542	459.7036
Stddev	.0002071	.0001673	.3145	.0018081	.0004532	.0028416	1.2445
%RSD	1.185323	.8927159	.1406053	.5522173	.3382005	.5648708	.2707165

#1	.0172835	.0189326	223.3822	.3254733	.1345259	.5012218	458.6363
#2	.0174339	.0186901	224.0103	.3277922	.1337248	.5063276	461.0706
#3	.0176929	.0186116	223.6666	.3290359	.1337581	.5016131	459.4041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.71309	47.56416	.1413675	.0056246	2.539913	.4036961	8.316127
Stddev	.06971	.12315	.0006711	.0000592	.014839	.0032962	.095531
%RSD	.3069125	.2589214	.4747372	1.052436	.5842299	.8165132	1.148742

#1	22.66283	47.46975	.1420185	.0056448	2.555193	.4012487	8.426208
#2	22.79268	47.51926	.1414061	.0056711	2.538988	.4074443	8.254931
#3	22.68378	47.70346	.1406780	.0055580	2.525558	.4023954	8.267243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.327026	15.33287	.0957194	.0194625	8.032230	2.877768	.1732772
Stddev	.003043	.03747	.0106559	.0001020	.023730	.022921	.0028507
%RSD	.0326282	.2443964	11.13245	.5240272	.2954303	.7964875	1.645171

#1	9.330281	15.32433	.0906104	.0193865	8.021583	2.881365	.1743077
#2	9.326543	15.30041	.1079678	.0195784	8.015688	2.853261	.1754693
#3	9.324253	15.37388	.0885800	.0194226	8.059418	2.898678	.1700545

Sample Name: J1860-08 Acquired: 3/14/2018 13:25:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.077373	.1123850	.6439407
Stddev	.004715	.0009293	.0003901
%RSD	.4375967	.8268582	.0605807

#1	1.080105	.1119840	.6441965
#2	1.071929	.1117235	.6441340
#3	1.080085	.1134474	.6434917

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.488	4334.315	49650.35	7122.777	3985.396
Stddev	16.573	8.637	284.96	18.042	11.885
%RSD	.7935555	.1992712	.5739340	.2533046	.2982057

#1	2069.967	4329.211	49482.64	7113.752	3972.861
#2	2093.578	4329.446	49489.03	7143.551	3986.827
#3	2101.920	4344.287	49979.37	7111.028	3996.500

Sample Name: J1860-09 Acquired: 3/14/2018 13:28:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1505714	.0244249	9.022545	-.048552	.0497805	106.7761	3.164783
Stddev	.0010746	.0014814	.098467	.004444	.0006170	.4525	.014877
%RSD	.7137123	6.065103	1.091339	9.152006	1.239332	.4237657	.4700841

#1	.1517189	.0233781	8.912523	-.043477	.0495338	107.2468	3.147604
#2	.1495886	.0261200	9.052714	-.051745	.0493251	106.7371	3.173390
#3	.1504069	.0237767	9.102397	-.050434	.0504826	106.3443	3.173354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207762	.0243343	282.3763	.3114080	.1393104	.5443453	427.6585
Stddev	.0001301	.0003878	.7484	.0004673	.0015636	.0042737	2.0616
%RSD	.6262053	1.593490	.2650487	.1500481	1.122368	.7851050	.4820554

#1	.0208505	.0239644	281.6324	.3113577	.1376140	.5394105	425.8335
#2	.0206260	.0243007	283.1291	.3118984	.1396236	.5468097	429.8947
#3	.0208521	.0247377	282.3674	.3109679	.1406937	.5468157	427.2474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.97814	78.25380	.1876239	.0029741	3.364858	.4560754	6.551387
Stddev	.09273	.41340	.0018812	.0006194	.015881	.0025702	.055572
%RSD	.4420300	.5282843	1.002617	20.82523	.4719629	.5635549	.8482458

#1	20.90334	77.93882	.1854747	.0032806	3.354731	.4590023	6.594416
#2	21.08189	78.72192	.1884257	.0033804	3.356681	.4541862	6.488646
#3	20.94919	78.10065	.1889713	.0022612	3.383161	.4550378	6.571098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.272311	9.654702	.1109542	.0133983	9.329602	3.328541	.2541039
Stddev	.061127	.061241	.0028785	.0001462	.076795	.024176	.0022999
%RSD	.6592395	.6343099	2.594309	1.091240	.8231320	.7263124	.9050915

#1	9.242710	9.584203	.1078627	.0133266	9.240939	3.301305	.2516813
#2	9.342603	9.685165	.1135572	.0133017	9.375183	3.347462	.2543731
#3	9.231619	9.694736	.1114427	.0135665	9.372685	3.336855	.2562573

Sample Name: J1860-09 Acquired: 3/14/2018 13:28:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.780612	.1143977	.5343726
Stddev	.008174	.0008893	.0017077
%RSD	.4590616	.7773751	.3195784

#1	1.789272	.1151448	.5356388
#2	1.779532	.1134140	.5350486
#3	1.773031	.1146343	.5324303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.245	4461.913	51311.92	7398.147	3892.868
Stddev	15.117	30.851	134.41	10.640	36.366
%RSD	.6965414	.6914397	.2619441	.1438222	.9341778

#1	2174.220	4495.472	51346.94	7403.959	3933.535
#2	2182.977	4455.484	51425.36	7385.867	3881.601
#3	2153.538	4434.783	51163.47	7404.616	3863.469

Sample Name: J1860-10 Acquired: 3/14/2018 13:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959475	.0256728	4.109864	-.077447	.0217898	88.11789	3.094451
Stddev	.0023633	.0019225	.010494	.006581	.0011923	.04495	.009278
%RSD	.5968819	7.488445	.2553262	8.497125	5.471869	.0510147	.2998331

#1	.3964511	.0246515	4.121980	-.070502	.0211852	88.08355	3.097614
#2	.3933730	.0278904	4.103705	-.078248	.0210209	88.10136	3.084005
#3	.3980185	.0244766	4.103907	-.083590	.0231633	88.16877	3.101735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189933	.0238484	225.9088	.2820393	.1348949	.8205346	683.5062
Stddev	.0001305	.0002760	.6624	.0008119	.0001370	.0009199	3.0781
%RSD	.6868080	1.157413	.2932132	.2878786	.1015699	.1121035	.4503437

#1	.0190397	.0241291	226.6336	.2811123	.1347661	.8212653	686.9250
#2	.0190943	.0235773	225.3348	.2823816	.1348798	.8195016	682.6384
#3	.0188460	.0238387	225.7580	.2826241	.1350388	.8208367	680.9551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.36081	57.19117	.1721133	.0039342	4.511362	.4550012	9.663143
Stddev	.05939	.30578	.0017912	.0003241	.044401	.0051771	.031320
%RSD	.4135766	.5346644	1.040730	8.238305	.9842109	1.137827	.3241188

#1	14.42917	57.52812	.1741715	.0038796	4.469319	.4519901	9.640123
#2	14.33139	57.11408	.1709070	.0036408	4.557796	.4520342	9.650497
#3	14.32187	56.93131	.1712615	.0042821	4.506972	.4609791	9.698809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.037106	28.20374	.1277440	.0272729	9.932349	4.047461	.1477057
Stddev	.020035	.17240	.0102504	.0001742	.051651	.038021	.0003661
%RSD	.2492777	.6112751	8.024181	.6387967	.5200233	.9393870	.2478652

#1	8.026620	28.00467	.1367591	.0272520	9.876001	4.042063	.1472856
#2	8.060208	28.30250	.1165944	.0271101	9.977448	4.087893	.1478749
#3	8.024491	28.30406	.1298785	.0274566	9.943598	4.012427	.1479567

Sample Name: J1860-10 Acquired: 3/14/2018 13:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.341126	.0987895	.6301229
Stddev	.001974	.0002309	.0000703
%RSD	.1471542	.2337714	.0111538

#1	1.338863	.0989210	.6301132
#2	1.342019	.0989247	.6301975
#3	1.342494	.0985229	.6300579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.416	4172.675	47633.74	6897.570	3939.729
Stddev	3.296	12.529	43.92	27.222	9.382
%RSD	.1652394	.3002680	.0922022	.3946590	.2381489

#1	1991.839	4168.781	47646.70	6872.068	3934.626
#2	1993.280	4186.689	47669.72	6894.407	3950.557
#3	1998.129	4162.555	47584.80	6926.235	3934.005

Sample Name: J1860-11 Acquired: 3/14/2018 13:36:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2277274	.0327027	8.298648	-.071508	.0081313	90.89496	4.484297
Stddev	.0029511	.0018710	.109646	.004427	.0008074	.02882	.011710
%RSD	1.295907	5.721380	1.321257	6.190345	9.929837	.0317088	.2611421

#1	.2309354	.0306382	8.420906	-.076597	.0086692	90.92774	4.493498
#2	.2271187	.0331833	8.209021	-.069376	.0085219	90.87362	4.488277
#3	.2251281	.0342865	8.266018	-.068551	.0072029	90.88351	4.471115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189122	.0316545	157.0199	.3351267	.1224762	.9840246	679.2196
Stddev	.0000698	.0006546	.6680	.0002219	.0017908	.0029346	2.1609
%RSD	.3689392	2.068021	.4254294	.0662060	1.462195	.2982258	.3181496

#1	.0188399	.0322560	157.1716	.3349859	.1245138	.9859406	679.8711
#2	.0189791	.0309573	157.5990	.3350117	.1211522	.9806461	680.9798
#3	.0189176	.0317501	156.2891	.3353824	.1217626	.9854869	676.8079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.50712	18.09057	.2529276	.0064961	3.726953	.3666914	11.72455
Stddev	.06649	.07090	.0027305	.0003546	.198907	.0031805	.08651
%RSD	.3592476	.3919169	1.079559	5.459496	5.336974	.8673457	.7378334

#1	18.51952	18.02024	.2560263	.0068043	3.828580	.3669994	11.76156
#2	18.56654	18.16202	.2508741	.0065756	3.497764	.3697068	11.78640
#3	18.43531	18.08946	.2518824	.0061084	3.854515	.3633682	11.62570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.631565	19.32578	.1483811	.0263843	9.375647	3.413724	2.830890
Stddev	.021129	.13800	.0101209	.0005491	.059639	.023091	.033187
%RSD	.2193707	.7140523	6.820889	2.081232	.6361094	.6764093	1.172303

#1	9.643841	19.43361	.1536333	.0266679	9.436543	3.391021	2.868027
#2	9.643686	19.37346	.1547964	.0257514	9.373051	3.437184	2.804137
#3	9.607167	19.17026	.1367138	.0267337	9.317349	3.412967	2.820505

Sample Name: J1860-11 Acquired: 3/14/2018 13:36:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.599443	.1191889	.9758042
Stddev	.003063	.0001469	.0010748
%RSD	.1914835	.1232649	.1101458

#1	1.596512	.1191864	.9768308
#2	1.599194	.1193370	.9746870
#3	1.602622	.1190432	.9758948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.268	4340.343	49505.91	7080.826	4116.515
Stddev	4.370	48.530	83.21	13.603	48.797
%RSD	.2092614	1.118122	.1680907	.1921128	1.185400

#1	2085.682	4286.033	49533.13	7095.993	4061.300
#2	2085.809	4379.459	49412.49	7076.780	4153.850
#3	2093.314	4355.536	49572.11	7069.705	4134.395

Sample Name: J1860-12 Acquired: 3/14/2018 13:40:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009964	.0190370	4.858256	-.025682	.0154781	72.28495	3.806587
Stddev	.0037904	.0005824	.024051	.004280	.0019881	.44722	.030972
%RSD	3.752980	3.059174	.4950449	16.66434	12.84436	.6186915	.8136422

#1	.1009936	.0195807	4.882620	-.030601	.0139683	72.70412	3.829913
#2	.1047881	.0191080	4.857617	-.023629	.0177306	72.33657	3.818401
#3	.0972074	.0184224	4.834532	-.022815	.0147354	71.81416	3.771447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111187	.0355567	290.6086	.2541015	.0746548	1.342635	287.5225
Stddev	.0001187	.0001200	2.1968	.0005210	.0002621	.007416	1.7613
%RSD	1.067899	.3373616	.7559413	.2050267	.3510811	.5523648	.6125917

#1	.0111041	.0356575	291.9960	.2544064	.0745974	1.349695	288.5912
#2	.0112441	.0355887	291.7541	.2543981	.0744261	1.343303	288.4867
#3	.0110080	.0354240	288.0758	.2534999	.0749408	1.334908	285.4896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.89561	25.31597	.1676210	.0122697	2.204459	.1967754	9.778809
Stddev	.07342	.17279	.0009668	.0004636	.106386	.0011776	.088352
%RSD	.5693372	.6825161	.5767787	3.778668	4.825964	.5984388	.9035043

#1	12.93192	25.35864	.1687281	.0118213	2.122373	.1975388	9.876958
#2	12.94380	25.46343	.1671920	.0127472	2.324650	.1973683	9.705628
#3	12.81111	25.12585	.1669431	.0122408	2.166353	.1954193	9.753839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.175816	24.40924	.1362909	.0215723	8.403762	5.064472	.3807779
Stddev	.140415	.21915	.0023794	.0002602	.066616	.050669	.0013018
%RSD	2.273630	.8978183	1.745796	1.206025	.7926891	1.000484	.3418909

#1	6.322785	24.59546	.1340074	.0217518	8.458571	5.108529	.3816705
#2	6.161630	24.16775	.1361096	.0216912	8.329617	5.075784	.3792841
#3	6.043032	24.46452	.1387557	.0212739	8.423097	5.009103	.3813790

Sample Name: J1860-12 Acquired: 3/14/2018 13:40:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.618340	.0745618	.9939187
Stddev	.011739	.0001693	.0048548
%RSD	.7253816	.2270495	.4884476

#1	1.631073	.0745298	.9991177
#2	1.616001	.0747448	.9931348
#3	1.607947	.0744108	.9895036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.866	4189.651	47167.33	6698.190	4135.140
Stddev	17.608	28.091	397.03	52.983	26.374
%RSD	.8822032	.6704905	.8417503	.7910083	.6378117

#1	1976.263	4158.562	46709.01	6644.564	4107.169
#2	2010.339	4197.184	47406.00	6699.500	4138.692
#3	2000.996	4213.208	47386.97	6750.506	4159.558

Sample Name: J1860-13 Acquired: 3/14/2018 13:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374917	.0266357	.7562490	-.039755	.0120229	106.2532	1.040768
Stddev	.0013660	.0009232	.0021673	.004628	.0008871	.1357	.008069
%RSD	.9935072	3.466089	.2865806	11.64062	7.378371	.1276748	.7752940

#1	.1390380	.0267532	.7574552	-.034870	.0110215	106.1759	1.047999
#2	.1369881	.0256593	.7537469	-.040322	.0123372	106.1739	1.042241
#3	.1364490	.0274945	.7575447	-.044073	.0127101	106.4099	1.032064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152174	-.001803	19.73410	.4453497	.1349794	.1051477	431.7219
Stddev	.0000624	.000112	.08389	.0016775	.0005407	.0027466	2.1316
%RSD	.4101421	6.220016	.4251072	.3766735	.4005524	2.612186	.4937520

#1	.0152879	-.001692	19.80752	.4472546	.1351083	.1074211	433.7512
#2	.0151691	-.001916	19.75211	.4447015	.1343859	.1020959	431.9136
#3	.0151952	-.001803	19.64267	.4440929	.1354439	.1059262	429.5009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73021	3.699278	.0801938	.0011654	1.193982	.6217955	.7455489
Stddev	.07659	.039925	.0002945	.0003144	.139169	.0040158	.0100857
%RSD	.4319730	1.079274	.3672846	26.98018	11.65583	.6458449	1.352787

#1	17.80903	3.668656	.0800300	.0015157	1.351911	.6222037	.7345828
#2	17.72554	3.684742	.0800176	.0009076	1.140747	.6255916	.7476363
#3	17.65606	3.744434	.0805338	.0010728	1.089290	.6175911	.7544276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.260481	2.927299	.0580463	.0156280	.8053284	2.494281	.0190898
Stddev	.053936	.010515	.0047426	.0002922	.0125926	.017584	.0024462
%RSD	2.386031	.3592102	8.170340	1.870003	1.563655	.7049853	12.81412

#1	2.302879	2.930562	.0603132	.0157746	.8107804	2.501598	.0162992
#2	2.199774	2.915539	.0612299	.0158179	.7909285	2.474220	.0201066
#3	2.278789	2.935795	.0525956	.0152915	.8142761	2.507025	.0208637

Sample Name: J1860-13 Acquired: 3/14/2018 13:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7776954	.0416548	.0909638
Stddev	.0040628	.0009353	.0001560
%RSD	.5224194	2.245316	.1715015

#1	.7758898	.0418908	.0909210
#2	.7748483	.0406241	.0911367
#3	.7823480	.0424495	.0908337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.405	4462.772	50619.41	7056.673	4261.875
Stddev	5.252	5.130	304.49	11.940	5.891
%RSD	.2430861	.1149554	.6015213	.1691987	.1382202

#1	2157.327	4456.986	50415.60	7057.573	4255.383
#2	2157.420	4466.767	50473.19	7044.308	4266.879
#3	2166.469	4464.563	50969.42	7068.137	4263.363

Sample Name: J1860-14 Acquired: 3/14/2018 13:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1612985	.0468698	4.482924	-.036884	.0216153	122.0470
Stddev	.0064226	.0015360	.015896	.000894	.0023784	.8142
%RSD	3.981813	3.277096	.3545980	2.424717	11.00340	.6671494

#1	.1584745	.0451999	4.490785	-.037746	.0201911	122.9728
#2	.1686493	.0471872	4.464629	-.036945	.0202937	121.4422
#3	.1567718	.0482222	4.493359	-.035961	.0243610	121.7259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.058045	.0143668	.0820585	135.3947	.5130233	.1616915
Stddev	.009717	.0000976	.0004279	.4080	.0021513	.0004962
%RSD	.3177523	.6794435	.5214110	.3013674	.4193429	.3068746

#1	3.063098	.0143368	.0822085	135.7840	.5151989	.1620148
#2	3.046842	.0144759	.0815758	134.9703	.5129740	.1611202
#3	3.064194	.0142878	.0823911	135.4298	.5108971	.1619396

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6593338	410.7021	F 33.93993	20.61063	.2013581	.0058413
Stddev	.0058831	1.1458	.09769	.03277	.0005309	.0004791
%RSD	.8922765	.2789805	.2878304	.1590040	.2636621	8.201986

#1	.6654277	411.7527	34.03002	20.61841	.2012993	.0059589
#2	.6536871	409.4804	33.83610	20.57467	.2008590	.0053143
#3	.6588867	410.8732	33.95366	20.63881	.2019159	.0062507

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.484077	.4879201	11.64640	7.066280	12.57267	.0780421
Stddev	.145225	.0011614	.10448	.032613	.11960	.0026448
%RSD	5.846230	.2380232	.8970740	.4615250	.9512611	3.388990

#1	2.326904	.4889955	11.72481	7.101311	12.65181	.0752143
#2	2.512040	.4866886	11.68660	7.036798	12.43508	.0804549
#3	2.613287	.4880763	11.52780	7.060731	12.63111	.0784570

Sample Name: J1860-14 Acquired: 3/14/2018 13:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239224	4.174124	3.970679	.1394618	1.192311	.0972327
Stddev	.0001596	.034789	.009453	.0013514	.009076	.0005902
%RSD	.6671506	.8334533	.2380697	.9690096	.7612159	.6069445

#1	.0240673	4.203321	3.979077	.1410216	1.202396	.0975028
#2	.0237513	4.135631	3.960441	.1387210	1.184799	.0976395
#3	.0239486	4.183419	3.972517	.1386427	1.189739	.0965558

Elem	Sr4077
Units	ppm
Avg	.3157017
Stddev	.0020302
%RSD	.6430856

#1	.3179694
#2	.3140530
#3	.3150827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.888	4170.546	47392.80	6738.968	3949.928
Stddev	8.339	6.922	166.98	17.242	5.786
%RSD	.4107939	.1659642	.3523403	.2558560	.1464919

#1	2030.553	4178.539	47448.73	6723.312	3950.278
#2	2021.237	4166.525	47205.03	6757.448	3955.531
#3	2037.875	4166.576	47524.64	6736.145	3943.974

Sample Name: J1860-15 Acquired: 3/14/2018 13:52:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033657	.0267239	.7382140	-.045150	.0120395	114.2540	1.536253
Stddev	.0020484	.0013141	.0114457	.004929	.0016868	.1519	.004925
%RSD	1.981716	4.917319	1.550461	10.91610	14.01043	.1329732	.3205925

#1	.1054476	.0252607	.7487591	-.046876	.0139531	114.3261	1.539819
#2	.1032969	.0271072	.7398412	-.039591	.0113969	114.0794	1.530633
#3	.1013525	.0278037	.7260418	-.048984	.0107685	114.3565	1.538306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201439	-.002722	129.3402	.4792925	.1497142	.1016269	501.8515
Stddev	.0001204	.000179	.3989	.0024036	.0027223	.0014015	1.5134
%RSD	.5978939	6.560564	.3083814	.5014867	1.818314	1.379083	.3015580

#1	.0200713	-.002535	129.7601	.4819959	.1525832	.1000226	503.3544
#2	.0200774	-.002742	128.9664	.4784851	.1493920	.1022453	501.8722
#3	.0202829	-.002890	129.2942	.4773966	.1471674	.1026129	500.3279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.76163	32.91178	.0741691	.0009055	2.385317	.6571972	.8662306
Stddev	.03714	.15319	.0023770	.0001449	.053570	.0055931	.0141496
%RSD	.2216003	.4654651	3.204828	15.99934	2.245838	.8510570	1.633464

#1	16.79424	33.07833	.0767470	.0010727	2.426920	.6591483	.8664986
#2	16.76944	32.77689	.0736964	.0008228	2.404160	.6508898	.8802442
#3	16.72120	32.88011	.0720640	.0008209	2.324871	.6615534	.8519489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.769175	4.951222	.0653362	.0070424	3.048907	3.536171	.0308345
Stddev	.012512	.039920	.0023102	.0002099	.020021	.015399	.0010848
%RSD	.2168843	.8062606	3.535814	2.980342	.6566476	.4354707	3.517996

#1	5.769789	4.965435	.0631534	.0072805	3.068527	3.551237	.0303748
#2	5.756366	4.982091	.0677555	.0068841	3.049686	3.520460	.0300552
#3	5.781368	4.906141	.0650997	.0069627	3.028509	3.536817	.0320734

Sample Name: J1860-15 Acquired: 3/14/2018 13:52:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7354511	.0790418	.2557787
Stddev	.0008155	.0010927	.0001796
%RSD	.1108890	1.382464	.0702093

#1	.7355251	.0791808	.2558294
#2	.7346011	.0778862	.2559274
#3	.7362271	.0800584	.2555792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.808	4425.531	49091.78	6921.546	4094.969
Stddev	7.355	54.977	227.39	5.291	62.146
%RSD	.3538042	1.242260	.4632002	.0764428	1.517610

#1	2073.613	4367.567	48829.22	6919.274	4031.530
#2	2075.587	4432.094	49221.05	6927.594	4097.643
#3	2087.224	4476.931	49225.08	6917.771	4155.735

Sample Name: J1860-16 Acquired: 3/14/2018 13:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474311	.0265317	1.124503	-.045411	.0116994	114.3445	1.783271
Stddev	.0018839	.0022742	.031171	.001613	.0011401	.4416	.009720
%RSD	1.277800	8.571639	2.771988	3.552219	9.744934	.3861995	.5450548

#1	.1466135	.0246050	1.158815	-.045125	.0123960	114.3864	1.794452
#2	.1495856	.0259497	1.116763	-.043960	.0123185	114.7636	1.778531
#3	.1460941	.0290403	1.097932	-.047148	.0103837	113.8834	1.776831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213697	.0004870	121.6046	.4579464	.1523227	.2152859	512.6439
Stddev	.0003417	.0002347	.3327	.0035463	.0045240	.0004346	2.1653
%RSD	1.599025	48.19026	.2735980	.7743966	2.970003	.2018480	.4223715

#1	.0210677	.0007577	121.9445	.4603240	.1573365	.2156882	514.2969
#2	.0217406	.0003402	121.5898	.4596448	.1510857	.2148250	513.4420
#3	.0213008	.0003632	121.2796	.4538702	.1485459	.2153444	510.1929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.34890	32.24528	.0991984	.0013928	1.894168	.6426118	1.842392
Stddev	.04954	.14010	.0029982	.0002722	.028300	.0040731	.009761
%RSD	.2699821	.4344955	3.022383	19.54630	1.494061	.6338354	.5297998

#1	18.39411	32.31834	.1025887	.0011480	1.924377	.6472271	1.833742
#2	18.35665	32.33375	.0981103	.0013444	1.868272	.6395206	1.852975
#3	18.29595	32.08375	.0968962	.0016860	1.889854	.6410875	1.840459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.656141	4.386827	.0745719	.0105344	4.581187	3.192462	.1438757
Stddev	.051171	.120381	.0082626	.0001840	.132827	.029572	.0045597
%RSD	1.099001	2.744153	11.08000	1.746843	2.899395	.9263221	3.169158

#1	4.604995	4.513318	.0837748	.0107462	4.716698	3.175964	.1483180
#2	4.707337	4.373497	.0677911	.0104130	4.575647	3.226603	.1441019
#3	4.656090	4.273665	.0721499	.0104442	4.451218	3.174819	.1392072

Sample Name: J1860-16 Acquired: 3/14/2018 13:56:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMH2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8756161	.0829424	.3198694
Stddev	.0031595	.0011249	.0012536
%RSD	.3608342	1.356242	.3919064

#1	.8758915	.0835448	.3205092
#2	.8786289	.0836378	.3206739
#3	.8723279	.0816446	.3184250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.479	4632.673	50931.78	7107.682	4248.145
Stddev	14.473	78.498	349.99	46.127	97.197
%RSD	.6698770	1.694433	.6871648	.6489724	2.287994

#1	2153.069	4548.136	50643.24	7131.144	4142.053
#2	2151.213	4646.624	50831.01	7054.540	4269.477
#3	2177.157	4703.260	51321.10	7137.361	4332.904

Sample Name: J1860-17 Acquired: 3/14/2018 14:00:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1497425	.0101225	.7542807	-.028395	.0065289	121.0086	1.478616
Stddev	.0066334	.0017172	.0153483	.003803	.0026973	.6248	.006172
%RSD	4.429877	16.96377	2.034825	13.39399	41.31360	.5163013	.4173862

#1	.1425568	.0106652	.7437493	-.027459	.0090964	121.5295	1.477745
#2	.1510383	.0115028	.7472019	-.025147	.0067722	120.3159	1.485176
#3	.1556323	.0081996	.7718910	-.032579	.0037182	121.1805	1.472926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201708	.0016919	303.0913	.1731997	.0905604	.2783331	241.6516
Stddev	.0003143	.0002133	.4900	.0001194	.0020723	.0023915	1.1267
%RSD	1.557981	12.60601	.1616713	.0689305	2.288349	.8592130	.4662477

#1	.0204870	.0015698	302.8538	.1733039	.0892408	.2776902	241.2823
#2	.0198585	.0015678	303.6549	.1730694	.0894915	.2763288	242.9167
#3	.0201667	.0019382	302.7654	.1732257	.0929489	.2809803	240.7560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.650549	85.65916	.0887230	.0003476	2.187963	.2809627	1.128380
Stddev	.046270	.42067	.0019239	.0002794	.017840	.0073656	.003273
%RSD	.4794522	.4910997	2.168461	80.38083	.8153662	2.621570	.2900711

#1	9.633172	85.36891	.0870377	.0006039	2.179626	.2758044	1.125617
#2	9.702992	86.14160	.0883121	.0003890	2.175818	.2893982	1.131995
#3	9.615483	85.46698	.0908192	.0000498	2.208445	.2776856	1.127528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74306	2.903888	.0749767	.0052115	10.59484	3.271169	.0769925
Stddev	.01184	.064052	.0085693	.0003183	.19768	.029265	.0006552
%RSD	.1102238	2.205743	11.42923	6.108336	1.865769	.8946391	.8510136

#1	10.74330	2.861371	.0668776	.0050114	10.45228	3.295110	.0762873
#2	10.73110	2.872736	.0839492	.0050445	10.51175	3.238545	.0771079
#3	10.75478	2.977558	.0741032	.0055786	10.82050	3.279852	.0775824

Sample Name: J1860-17 Acquired: 3/14/2018 14:00:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMH3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8043709	.1286339	.4885255
Stddev	.0071095	.0003378	.0004362
%RSD	.8838632	.2626176	.0892943

#1	.8116612	.1283780	.4888129
#2	.7974571	.1290168	.4880236
#3	.8039945	.1285069	.4887402

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.591	5030.188	57859.70	8324.757	4195.698
Stddev	8.410	64.745	150.91	46.875	68.847
%RSD	.3433132	1.287125	.2608248	.5630829	1.640897

#1	2453.739	5058.305	57937.48	8292.317	4236.081
#2	2439.913	5076.121	57685.76	8378.501	4234.808
#3	2455.121	4956.138	57955.85	8303.453	4116.203

Sample Name: J1860-18 Acquired: 3/14/2018 14:04:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1660222	.0154466	.8943657	-.040432	.0087510	95.62564	1.646389
Stddev	.0021776	.0028657	.0049694	.000990	.0019307	.26146	.005213
%RSD	1.311647	18.55245	.5556317	2.447357	22.06212	.2734185	.3166322

#1	.1648723	.0154423	.8886602	-.041394	.0083036	95.80111	1.644714
#2	.1646606	.0125831	.8977482	-.040485	.0108661	95.32515	1.652233
#3	.1685338	.0183145	.8966885	-.039417	.0070833	95.75068	1.642219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162626	.0025193	413.9278	.2241333	.1145867	.2441212	340.0548
Stddev	.0002067	.0000968	1.4940	.0015166	.0007830	.0014263	1.2896
%RSD	1.271068	3.844218	.3609416	.6766491	.6832900	.5842519	.3792301

#1	.0164190	.0026077	413.7473	.2255742	.1146598	.2427506	340.4557
#2	.0160282	.0024158	415.5039	.2225509	.1137697	.2455973	341.0964
#3	.0163405	.0025344	412.5322	.2242748	.1153305	.2440158	338.6124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.47168	190.3213	.0935977	.0005971	1.511839	.4126603	1.792453
Stddev	.05760	.7495	.0007074	.0002041	.137808	.0026181	.006613
%RSD	.4275342	.3938269	.7557350	34.18499	9.115275	.6344385	.3689203

#1	13.46673	190.3529	.0927893	.0004490	1.415965	.4127131	1.800021
#2	13.53158	191.0545	.0941032	.0005124	1.669764	.4152515	1.789554
#3	13.41671	189.5564	.0939004	.0008300	1.449789	.4100162	1.787786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.934593	4.256384	.0480824	.0058050	6.774506	3.803511	.1479135
Stddev	.030391	.059286	.0121132	.0002795	.082452	.025693	.0019892
%RSD	.6158721	1.392870	25.19259	4.815156	1.217089	.6755197	1.344828

#1	4.949493	4.231512	.0477413	.0055514	6.739276	3.822270	.1498995
#2	4.899627	4.213585	.0603625	.0057588	6.715523	3.774226	.1459212
#3	4.954657	4.324054	.0361433	.0061047	6.868721	3.814037	.1479199

Sample Name: J1860-18 Acquired: 3/14/2018 14:04:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5859623	.0884935	.3400765
Stddev	.0032333	.0004669	.0008504
%RSD	.5517919	.5275915	.2500639

#1	.5865420	.0882475	.3409355
#2	.5824784	.0890319	.3392349
#3	.5888665	.0882010	.3400590

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.792	4233.603	48611.74	7071.659	3795.092
Stddev	17.208	8.239	250.00	27.368	6.064
%RSD	.8419671	.1946200	.5142891	.3870074	.1597837

#1	2024.833	4227.803	48352.92	7048.007	3796.049
#2	2048.118	4243.034	48630.42	7101.635	3800.621
#3	2058.424	4229.971	48851.89	7065.334	3788.607

Sample Name: J1842-21 Acquired: 3/14/2018 14:12:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2447036	.0140714	2.551290	-.033762	.0115313	93.06981	2.659100
Stddev	.0013689	.0011518	.010496	.002881	.0005031	.28307	.003284
%RSD	.5594036	8.185261	.4114154	8.534643	4.362506	.3041481	.1235141

#1	.2458122	.0130959	2.552466	-.030717	.0120566	93.39624	2.661256
#2	.2431735	.0137763	2.540254	-.036446	.0110539	92.92099	2.660724
#3	.2451250	.0153420	2.561148	-.034123	.0114835	92.89219	2.655320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117610	.0076668	54.26219	.3246921	.0725657	.6686815	335.2868
Stddev	.0001136	.0001854	.14788	.0013688	.0001874	.0021544	.8664
%RSD	.9662140	2.418474	.2725271	.4215531	.2582613	.3221872	.2584107

#1	.0118660	.0077900	54.39685	.3262688	.0727221	.6688882	335.8778
#2	.0117767	.0074535	54.28580	.3238094	.0726171	.6707251	335.6903
#3	.0116404	.0077568	54.10393	.3239981	.0723580	.6664312	334.2922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.145043	9.221938	.1188051	.0035698	1.780850	.5071834	4.645320
Stddev	.015941	.025569	.0003542	.0003478	.187335	.0032635	.021659
%RSD	.3098333	.2772609	.2981567	9.741796	10.51939	.6434608	.4662499

#1	5.163096	9.200678	.1190053	.0036910	1.800789	.5109037	4.628950
#2	5.139125	9.250310	.1183961	.0031777	1.957418	.5058425	4.669879
#3	5.132906	9.214825	.1190139	.0038408	1.584344	.5048039	4.637130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.031887	8.367694	.0789412	.0210103	3.143825	5.144515	.0811236
Stddev	.031293	.029646	.0050612	.0002206	.010010	.029537	.0008004
%RSD	1.032124	.3542947	6.411410	1.049794	.3183957	.5741474	.9865848

#1	3.060800	8.336273	.0733521	.0208850	3.137036	5.178072	.0818338
#2	3.036199	8.371637	.0802568	.0208810	3.139118	5.133015	.0802564
#3	2.998661	8.395171	.0832148	.0212650	3.155320	5.122458	.0812806

Sample Name: J1842-21 Acquired: 3/14/2018 14:12:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.203634	.0824860	.5847633
Stddev	.008181	.0007312	.0011219
%RSD	.6797043	.8864439	.1918470

#1	1.212915	.0830967	.5860254
#2	1.200515	.0816757	.5843847
#3	1.197470	.0826855	.5838797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.781	4199.136	48439.59	6796.074	4256.497
Stddev	5.678	7.911	127.68	28.030	18.352
%RSD	.2770032	.1884018	.2635881	.4124376	.4311452

#1	2043.606	4197.658	48421.10	6768.420	4250.455
#2	2050.959	4207.681	48575.51	6795.338	4277.108
#3	2054.777	4192.067	48322.16	6824.465	4241.927

Sample Name: J1842-22 Acquired: 3/14/2018 14:16:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2830326	.0259798	2.895196	-.034166	.0127426	102.3960	5.500583
Stddev	.0031146	.0019603	.004322	.004162	.0009469	.6936	.025077
%RSD	1.100446	7.545628	.1492763	12.18287	7.430685	.6774036	.4559020

#1	.2794374	.0269328	2.899754	-.033064	.0138125	103.1584	5.479370
#2	.2849131	.0237252	2.891157	-.038769	.0124028	101.8022	5.494120
#3	.2847473	.0272814	2.894677	-.030666	.0120125	102.2274	5.528259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157162	.0130749	133.6836	.2099531	.1606844	.8790214	328.2716
Stddev	.0001805	.0000673	.7408	.0016691	.0002182	.0085284	1.4299
%RSD	1.148233	.5148621	.5541402	.7949625	.1358007	.9702107	.4355967

#1	.0159035	.0130492	133.5333	.2108067	.1606281	.8824268	327.9599
#2	.0157014	.0131513	133.0294	.2110227	.1604998	.8693165	327.0232
#3	.0155435	.0130242	134.4879	.2080299	.1609252	.8853209	329.8317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.26643	16.95440	.1767825	.0020177	2.507980	.4398553	5.077431
Stddev	.14480	.05661	.0002642	.0002182	.077876	.0048495	.017002
%RSD	.6223412	.3338974	.1494553	10.81334	3.105140	1.102527	.3348484

#1	23.25561	16.94060	.1770220	.0018799	2.443399	.4363435	5.073876
#2	23.12735	16.90597	.1768265	.0019039	2.594462	.4378339	5.062488
#3	23.41633	17.01664	.1764991	.0022692	2.486079	.4453885	5.095929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.399151	12.14036	.1196052	.0232737	7.040654	4.616404	.1384924
Stddev	.081276	.10964	.0063874	.0001092	.041625	.044375	.0003985
%RSD	.8647191	.9031313	5.340373	.4690251	.5912153	.9612494	.2877479

#1	9.487377	12.01426	.1137270	.0232770	6.993346	4.662459	.1389439
#2	9.327325	12.19359	.1186864	.0233812	7.056944	4.612829	.1381898
#3	9.382752	12.21322	.1264022	.0231629	7.071670	4.573925	.1383436

Sample Name: J1842-22 Acquired: 3/14/2018 14:16:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.501709	.1382408	.9686837
Stddev	.012212	.0016047	.0035758
%RSD	.8132098	1.160823	.3691424

#1	1.513299	.1390202	.9708540
#2	1.488958	.1363952	.9645565
#3	1.502870	.1393070	.9706404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.683	4644.833	53867.75	7662.525	4199.152
Stddev	18.818	13.534	313.22	57.757	3.339
%RSD	.8222111	.2913712	.5814523	.7537533	.0795266

#1	2289.058	4660.165	53909.46	7599.184	4201.889
#2	2269.680	4634.549	53535.76	7676.119	4200.135
#3	2307.310	4639.786	54158.02	7712.272	4195.431

Sample Name: J1860-05LX5 Acquired: 3/14/2018 14:20:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473989	.0091001	.6641738	-.013194	.0017388	25.85481	.6286631
Stddev	.0016226	.0009844	.0106694	.002028	.0017393	.11921	.0024983
%RSD	3.423324	10.81744	1.606418	15.37432	100.0292	.4610642	.3974061

#1	.0492470	.0097180	.6738856	-.015470	.0008687	25.93592	.6288622
#2	.0462081	.0096175	.6658828	-.012536	.0006062	25.71795	.6310560
#3	.0467415	.0079649	.6527531	-.011576	.0037415	25.91058	.6260712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052568	.0036076	78.42751	.0797241	.0286700	.1216868	115.1993
Stddev	.0000150	.0000291	.09552	.0002227	.0003954	.0028280	.3234
%RSD	.2853126	.8057536	.1217903	.2793275	1.379033	2.323971	.2807255

#1	.0052716	.0036412	78.49804	.0798985	.0289865	.1249469	115.1683
#2	.0052571	.0035908	78.46568	.0798007	.0287965	.1198948	115.5371
#3	.0052416	.0035909	78.31881	.0794733	.0282268	.1202187	114.8925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.625274	25.47414	.0388009	.0009623	.5759508	.0991435	1.550545
Stddev	.010996	.11660	.0005234	.0001775	.1459870	.0034961	.014039
%RSD	.1954685	.4577198	1.348894	18.44904	25.34713	3.526290	.9054354

#1	5.632401	25.43361	.0392954	.0009578	.7133527	.0953741	1.555169
#2	5.630809	25.60560	.0388545	.0011421	.5918240	.0997764	1.534777
#3	5.612610	25.38321	.0382528	.0007871	.4226759	.1022798	1.561689

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.390907	2.168634	.0365203	.0038380	1.750016	1.046545	.0294284
Stddev	.038743	.029662	.0016382	.0002631	.033083	.009404	.0002075
%RSD	1.620449	1.367778	4.485679	6.855553	1.890414	.8985704	.7050515

#1	2.349264	2.197549	.0383707	.0041303	1.783872	1.036567	.0295037
#2	2.397572	2.170074	.0352551	.0037638	1.748410	1.055244	.0291938
#3	2.425886	2.138278	.0359350	.0036200	1.717765	1.047825	.0295878

Sample Name: J1860-05LX5 Acquired: 3/14/2018 14:20:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3357231	.0270650	.1389181
Stddev	.0033719	.0005470	.0005397
%RSD	1.004354	2.021013	.3884806

#1	.3342031	.0273186	.1393046
#2	.3333788	.0264372	.1383015
#3	.3395873	.0274391	.1391482

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.296	3905.863	44325.25	6177.063	4185.427
Stddev	1.907	48.684	320.99	17.604	55.246
%RSD	.1005217	1.246437	.7241720	.2849837	1.319970

#1	1896.142	3865.748	44214.55	6186.069	4141.182
#2	1899.498	3891.814	44686.94	6188.342	4167.749
#3	1896.250	3960.027	44074.26	6156.779	4247.348

Sample Name: J1785-01DLX2 Acquired: 3/14/2018 14:46:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2756361	-.000763	.2085957	-.001156	.0894762	9.165201	.8202379
Stddev	.0039958	.002530	.0000961	.004182	.0034016	.026542	.0028477
%RSD	1.449669	331.4524	.0460501	361.8765	3.801638	.2895911	.3471824

#1	.2750024	-.001673	.2086387	-.003154	.0930268	9.136774	.8197434
#2	.2719950	.002096	.2086627	.003650	.0862464	9.189333	.8176698
#3	.2799109	-.002712	.2084856	-.003963	.0891554	9.169496	.8233005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014419	.2610533	379.6467	3.825684	.3361594	18.79541	65.18734
Stddev	.0000761	.0006386	1.0235	.001941	.0009919	.06247	.14721
%RSD	5.280178	.2446225	.2696029	.0507345	.2950775	.3323689	.2258233

#1	.0015287	.2607532	379.9011	3.826740	.3355406	18.76653	65.28650
#2	.0013864	.2606201	378.5199	3.826868	.3356340	18.75261	65.01819
#3	.0014106	.2617867	380.5190	3.823444	.3373035	18.86710	65.25731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038627	164.5591	3.889418	.0090181	.8265288	.1159125	.6411915
Stddev	.004585	.2944	.007560	.0005189	.0761853	.0023464	.0095408
%RSD	.4414773	.1788753	.1943651	5.754371	9.217505	2.024286	1.487979

#1	1.038051	164.6951	3.886076	.0095982	.8419030	.1170578	.6358592
#2	1.034357	164.2214	3.884107	.0088582	.8938545	.1132134	.6355089
#3	1.043474	164.7609	3.898073	.0085979	.7438288	.1174664	.6522064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.304699	1.634738	.0317829	.0110853	.7479043	4.634709	-.001573
Stddev	.020335	.009959	.0009515	.0001199	.0029626	.014976	.000465
%RSD	.8823105	.6091967	2.993716	1.081961	.3961224	.3231222	29.57711

#1	2.283446	1.625386	.0322091	.0110057	.7475259	4.644923	-.002108
#2	2.323970	1.633620	.0306928	.0110270	.7510379	4.641686	-.001347
#3	2.306683	1.645209	.0324467	.0112233	.7451490	4.617518	-.001264

Sample Name: J1785-01DLX2 Acquired: 3/14/2018 14:46:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDALH5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3060796	.0212629	.2478815
Stddev	.0012590	.0004311	.0001295
%RSD	.4113199	2.027298	.0522546

#1	.3075071	.0207735	.2478991
#2	.3056043	.0214291	.2480013
#3	.3051275	.0215862	.2477440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.958	3462.966	40537.36	5837.435	3681.449
Stddev	4.911	5.671	79.30	28.281	5.973
%RSD	.2921757	.1637585	.1956300	.4844817	.1622525

#1	1682.151	3461.853	40450.87	5836.498	3678.622
#2	1685.162	3469.111	40606.66	5809.633	3688.311
#3	1675.559	3457.934	40554.55	5866.173	3677.414

Sample Name: J1785-03DLX3 Acquired: 3/14/2018 14:50:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073051	.0001693	4.454399	-.002194	.0012521	2.031625	1.038793
Stddev	.0024327	.0011886	.015205	.002211	.0014159	.004077	.000982
%RSD	33.30186	702.1837	.3413589	100.7640	113.0820	.2006889	.0944885

#1	.0076829	.0001388	4.445177	.000297	.0013793	2.032792	1.039648
#2	.0047056	.0013728	4.446071	-.003923	.0026001	2.027092	1.039010
#3	.0095269	-.001004	4.471949	-.002955	-.000223	2.034992	1.037721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002998	.0015627	753.8234	.0212782	-.000381	.0228733	3.934342
Stddev	.0000705	.0000614	1.7548	.0000452	.000235	.0013349	.035710
%RSD	23.52246	3.931711	.2327817	.2121963	61.58227	5.835974	.9076481

#1	.0003799	.0015054	751.8496	.0212510	-.000111	.0224422	3.893932
#2	.0002727	.0015551	755.2068	.0212534	-.000503	.0243704	3.961651
#3	.0002469	.0016276	754.4139	.0213304	-.000530	.0218072	3.947442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467456	3.878555	.0060416	.0004628	.3396812	.0045514	.2879092
Stddev	.0004152	.026229	.0003987	.0002187	.1152338	.0031672	.0072005
%RSD	.8881322	.6762642	6.598687	47.25416	33.92409	69.58650	2.500956

#1	.0462876	3.885127	.0061845	.0002478	.2112143	.0081503	.2959375
#2	.0468519	3.900873	.0055912	.0004555	.3738976	.0021891	.2820226
#3	.0470973	3.849665	.0063491	.0006850	.4339316	.0033147	.2857673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.629473	.8821868	.0030296	.0016872	4.445723	.9407854	.0029402
Stddev	.018672	.0052301	.0004216	.0002444	.043579	.0072082	.0006629
%RSD	2.966234	.5928606	13.91683	14.48202	.9802516	.7661853	22.54563

#1	-.608038	.8782649	.0028902	.0019150	4.399431	.9426686	.0026522
#2	-.638178	.8801706	.0035032	.0014291	4.451784	.9468651	.0036984
#3	-.642202	.8881250	.0026953	.0017176	4.485955	.9328226	.0024700

Sample Name: J1785-03DLX3 Acquired: 3/14/2018 14:50:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDALH9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0272226	.0066361	3.058106
Stddev	.0013537	.0008930	.005166
%RSD	4.972873	13.45596	.1689407

#1	.0257125	.0056685	3.054649
#2	.0283274	.0068114	3.055624
#3	.0276279	.0074285	3.064045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.781	3500.973	40246.65	5814.298	3777.967
Stddev	18.149	3.458	162.83	49.729	8.161
%RSD	1.059641	.0987788	.4045698	.8552850	.2160078

#1	1722.444	3504.403	40376.19	5865.065	3782.545
#2	1724.055	3501.030	40299.91	5765.677	3782.811
#3	1691.845	3497.487	40063.87	5812.151	3768.545

Sample Name: CCV042 Acquired: 3/14/2018 14:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892618	4.789798	24.10930	4.889916	4.867022	375.2482
Stddev	.023407	.013133	.10813	.018589	.023434	1.6377
%RSD	.4784122	.2741804	.4485127	.3801576	.4814799	.4364195

#1	4.881114	4.789188	24.11714	4.881204	4.859989	376.9558
#2	4.877189	4.776981	23.99746	4.877283	4.847911	375.0982
#3	4.919551	4.803225	24.21330	4.911262	4.893167	373.6908

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.456689	.4576210	2.393634	365.9243	14.28689	2.423080
Stddev	.044510	.0006111	.009876	1.6527	.01658	.011273
%RSD	.4706765	.1335289	.4125902	.4516620	.1160369	.4652532

#1	9.480849	.4582230	2.396310	367.1081	14.29578	2.425706
#2	9.483894	.4576387	2.382695	366.6287	14.29713	2.410725
#3	9.405323	.4570013	2.401895	364.0360	14.26776	2.432809

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.46555	F 353.4674	13.74318	360.1926	2.396009	1.156411
Stddev	.06625	1.5858	.05862	1.2320	.013167	.002952
%RSD	.4579972	.4486353	.4265151	.3420414	.5495197	.2552659

#1	14.51503	354.1846	13.77284	360.7071	2.397244	1.159222
#2	14.49135	354.5679	13.78104	361.0840	2.382268	1.153336
#3	14.39029	351.6497	13.67566	358.7867	2.408514	1.156675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 355.0109	2.297103	F 13.27380	144.9929	4.972125	4.552118
Stddev	1.8204	.014301	.11739	.1938	.012207	.011602
%RSD	.5127754	.6225525	.8843909	.1336796	.2455120	.2548741

#1	356.5021	2.306865	13.37794	145.1543	4.961491	4.561375
#2	355.5484	2.303756	13.14658	145.0465	4.969429	4.555877
#3	352.9823	2.280688	13.29689	144.7779	4.985455	4.539103

Sample Name: CCV042 Acquired: 3/14/2018 14:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.774375	5.020079	4.512207	4.811638	4.837707	4.840609
Stddev	.020578	.011153	.019349	.010609	.033155	.021578
%RSD	.4310178	.2221737	.4288047	.2204953	.6853473	.4457638

#1	4.762098	5.030041	4.532948	4.809280	4.870836	4.862765
#2	4.762895	5.022166	4.509028	4.802406	4.837760	4.839400
#3	4.798132	5.008029	4.494644	4.823228	4.804525	4.819660

Elem	Sr4077
Units	ppm
Avg	4.898349
Stddev	.047715
%RSD	.9740937

#1	4.848623
#2	4.902665
#3	4.943759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.409	3257.985	38676.53	5716.524	3422.333
Stddev	4.696	11.104	45.67	14.884	10.184
%RSD	.3030823	.3408313	.1180798	.2603626	.2975757

#1	1546.474	3264.906	38700.52	5716.619	3422.251
#2	1554.825	3263.872	38705.19	5701.594	3432.558
#3	1546.929	3245.177	38623.86	5731.361	3412.190

Sample Name: CCB042 Acquired: 3/14/2018 14:58:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000595	.0018655	.0003187	.0001536	-.000963	.0217330	-.000803
Stddev	.001952	.0005204	.0002864	.0031723	.001372	.0037069	.000224
%RSD	328.0569	27.89748	89.87568	2065.167	142.4283	17.05633	27.95512

#1	-.002177	.0019837	.0000250	-.003502	.000479	.0222611	-.000941
#2	.001587	.0012961	.0003338	.002177	-.002253	.0251475	-.000923
#3	-.001196	.0023166	.0005973	.001786	-.001117	.0177904	-.000544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000935	.0000931	.0146410	.0003510	-.000058	-.000137	.0148096
Stddev	.0001110	.0000066	.0037093	.0002369	.000033	.000556	.0076927
%RSD	118.6929	7.141507	25.33519	67.48164	57.57868	407.0812	51.94399

#1	.0000602	.0000971	.0121524	.0002315	-.000061	-.000689	.0234030
#2	.0000030	.0000968	.0189043	.0006238	-.000089	-.000143	.0085653
#3	.0002174	.0000854	.0128664	.0001977	-.000023	.000423	.0124606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010111	.0052521	.0002470	.0002925	.1895282	.0017185	.0055724
Stddev	.0001145	.0048296	.0002160	.0002294	.1274538	.0017048	.0016915
%RSD	11.32377	91.95539	87.47191	78.43570	67.24795	99.20334	30.35481

#1	.0008858	.0104468	.0001719	.0000728	.0456563	.0030319	.0042751
#2	.0011103	.0044115	.0000785	.0005306	.2882996	.0023316	.0074855
#3	.0010373	.0008980	.0004905	.0002743	.2346286	-.000208	.0049565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.116822	-.001624	.0033073	.0002006	-.014604	-.000355	.0000030
Stddev	.074009	.000881	.0003898	.0001129	.005342	.000666	.0006143
%RSD	63.35233	54.27338	11.78666	56.28954	36.58135	187.6783	20177.38

#1	-.155394	-.000999	.0036950	.0002831	-.013976	-.000897	.0005090
#2	-.163578	-.001241	.0033117	.0002467	-.020232	.000388	-.000680
#3	-.031494	-.002632	.0029154	.0000719	-.009603	-.000555	.000181

Sample Name: CCB042 Acquired: 3/14/2018 14:58:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000340	-.000429	.0001601
Stddev	.000700	.001022	.0000645
%RSD	205.9999	238.3090	40.31436

#1	-.000649	.000751	.0001640
#2	.000462	-.001053	.0002226
#3	-.000832	-.000985	.0000937

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.636	4065.360	44959.38	6151.013	4843.548
Stddev	62.165	30.575	1420.39	29.727	33.687
%RSD	3.241765	.7520843	3.159264	.4832939	.6955090

#1	1845.912	4064.669	43321.18	6185.325	4846.091
#2	1950.996	4096.275	45709.68	6132.997	4875.892
#3	1956.000	4035.137	45847.27	6134.717	4808.662

Sample Name: PB107349BL Acquired: 3/14/2018 15:29:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.001190	-.000950	.0008783	-.000755	-.000810	.0089900	-.000938
Stddev	.000518	.000207	.0003529	.000961	.001083	.0063894	.000110
%RSD	43.48830	21.84008	40.18263	127.2634	133.7991	71.07211	11.69731

#1	-.000594	-.001157	.0005874	.000098	-.000086	.0100877	-.000938
#2	-.001524	-.000742	.0007766	-.000568	-.000288	.0147593	-.001047
#3	-.001453	-.000950	.0012709	-.001797	-.002055	.0021228	-.000828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	.0000359	-.000543	-.000046	-.000019	-.001516	.0006451
Stddev	.0000122	.0000204	.001500	.000143	.000184	.001205	.0001373
%RSD	20.70127	57.01244	276.1465	312.8680	959.1340	79.43965	21.28630

#1	.0000638	.0000595	-.001815	.000017	-.000085	-.000203	.0004873
#2	.0000449	.0000233	.001110	-.000210	.000189	-.001776	.0007372
#3	.0000676	.0000248	-.000924	.000055	-.000161	-.002570	.0007110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000008	.0226248	.0006637	.0002221	-.181528	.0020875	.0039704
Stddev	.0002415	.0165233	.0001102	.0001484	.167038	.0008736	.0034496
%RSD	29882.79	73.03165	16.61127	66.80668	92.01772	41.84991	86.88120

#1	.0002546	.0320294	.0007573	.0000716	-.006999	.0018030	.0017106
#2	-.000026	.0322991	.0006914	.0002265	-.197685	.0030679	.0079410
#3	-.000226	.0035460	.0005422	.0003683	-.339900	.0013916	.0022597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1210054	-.001459	-.000690	.0002101	-.001595	-.001254	.0002684
Stddev	.1699827	.001234	.000612	.0001946	.002939	.000177	.0005383
%RSD	140.4753	84.58757	88.63025	92.59152	184.2395	14.09283	200.5270

#1	-.028982	-.002658	-.001093	.0000925	-.003669	-.001181	-.000150
#2	.086355	-.001528	-.000991	.0001032	.001768	-.001126	.000876
#3	.305644	-.000192	.000014	.0004347	-.002886	-.001456	.000080

Sample Name: PB107349BL Acquired: 3/14/2018 15:29:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.001633	-.002682	-.000092
Stddev	.001177	.001072	.000015
%RSD	72.08852	39.98133	16.38674

#1	-.000792	-.003207	-.000089
#2	-.002978	-.003389	-.000079
#3	-.001129	-.001448	-.000108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.994	3857.137	46045.64	5757.897	4606.144
Stddev	4.580	74.659	198.57	230.956	91.067
%RSD	.2335462	1.935619	.4312454	4.011123	1.977086

#1	1966.156	3943.025	46273.39	5913.882	4711.053
#2	1959.410	3807.750	45954.76	5867.233	4547.455
#3	1957.417	3820.636	45908.77	5492.575	4559.925

Sample Name: PB107349BS Acquired: 3/14/2018 15:33:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0175747	.0509465	.0181618	.0677146	.1099790	.3948017
Stddev	.0003233	.0004682	.0002252	.0023955	.0009431	.0040153
%RSD	1.839276	.9190034	1.239921	3.537614	.8575267	1.017041

#1	.0173058	.0508926	.0181108	.0649658	.1101902	.3901679
#2	.0179333	.0514392	.0184081	.0688222	.1107986	.3972559
#3	.0174850	.0505075	.0179664	.0693559	.1089482	.3969813

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3625838	.0094366	.0097495	9.593645	.0209551	.0926435
Stddev	.0039278	.0000854	.0000276	.104196	.0007659	.0003826
%RSD	1.083293	.9048650	.2835262	1.086091	3.654827	.4130246

#1	.3580881	.0093926	.0097673	9.475650	.0200822	.0926232
#2	.3643131	.0095350	.0097176	9.673004	.0215141	.0922715
#3	.3653504	.0093823	.0097636	9.632280	.0212691	.0930360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471651	.1966053	.0286623	8.945191	.0766869	.0180547
Stddev	.0016025	.0025384	.0013657	.055717	.0002300	.0000428
%RSD	3.397557	1.291111	4.764751	.6228743	.2999390	.2372387

#1	.0453838	.1967780	.0270885	8.881753	.0768490	.0180053
#2	.0476217	.1990530	.0293636	8.986191	.0764237	.0180773
#3	.0484896	.1939850	.0295349	8.967629	.0767881	.0180814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.146287	.0928992	.1176089	8.945110	.0236080	F .0180240
Stddev	.072423	.0021586	.0036493	.042713	.0011672	.0009651
%RSD	.7918245	2.323619	3.102939	.4775029	4.944195	5.354387

#1	9.123399	.0909604	.1135540	8.910046	.0248967	.0170395
#2	9.227389	.0925120	.1206293	8.992681	.0233056	.0180639
#3	9.088074	.0952252	.1186433	8.932605	.0226218	.0189684

Sample Name: PB107349BS Acquired: 3/14/2018 15:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0197937	.1592119	.1708074	F .0122908	.1891176	.0896584
Stddev	.0003097	.0046065	.0015687	.0004917	.0012592	.0006189
%RSD	1.564710	2.893316	.9183802	4.000590	.6658357	.6903061

#1	.0196980	.1599318	.1696639	.0117357	.1876788	.0889443
#2	.0195432	.1542878	.1725957	.0126716	.1896551	.0900385
#3	.0201400	.1634160	.1701627	.0124651	.1900189	.0899925

Elem	Sr4077
Units	ppm
Avg	.1922424
Stddev	.0015385
%RSD	.8003046

#1	.1904726
#2	.1932610
#3	.1929935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.935	3831.405	43489.56	6038.305	4468.695
Stddev	32.097	16.766	457.79	47.460	20.660
%RSD	1.713711	.4376013	1.052633	.7859750	.4623182

#1	1904.158	3835.928	43945.01	6089.599	4473.050
#2	1840.030	3845.445	43029.47	5995.951	4486.830
#3	1874.617	3812.840	43494.21	6029.363	4446.205

Sample Name: J1862-01 Acquired: 3/14/2018 15:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160614	.0177084	4.590286	-.028273	.0095336	73.18458	2.173921
Stddev	.0017189	.0006122	.039233	.002080	.0004793	.44423	.012480
%RSD	1.481001	3.457386	.8546981	7.357003	5.027368	.6069948	.5740962

#1	.1177799	.0172156	4.571180	-.029183	.0100509	73.69174	2.186787
#2	.1160621	.0175159	4.564265	-.029744	.0094455	72.99753	2.173112
#3	.1143422	.0183938	4.635412	-.025894	.0091045	72.86447	2.161865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112384	.0151412	133.8623	.2482352	.0747670	.5122178	258.7485
Stddev	.0000418	.0001579	.7105	.0004407	.0007774	.0015952	1.8267
%RSD	.3715910	1.042733	.5307445	.1775414	1.039740	.3114194	.7059824

#1	.0112314	.0150998	134.3603	.2487126	.0742628	.5127135	260.2924
#2	.0112832	.0150082	134.1780	.2478438	.0743758	.5135063	259.2212
#3	.0112006	.0153157	133.0487	.2481494	.0756622	.5104337	256.7319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.33002	36.44717	.1169214	.0027037	1.727061	.2521600	5.730763
Stddev	.08418	.15726	.0006291	.0003019	.155419	.0056970	.068039
%RSD	.6314953	.4314725	.5380142	11.16825	8.999071	2.259292	1.187252

#1	13.38246	36.55759	.1164016	.0023602	1.787952	.2579183	5.803397
#2	13.37468	36.51680	.1167419	.0029272	1.842815	.2520354	5.668514
#3	13.23293	36.26711	.1176206	.0028237	1.550415	.2465263	5.720379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.304922	9.679743	.1020308	.0134183	7.589843	4.365608	.6687833
Stddev	.055297	.087472	.0024243	.0005784	.032443	.050878	.0027707
%RSD	1.042368	.9036593	2.376059	4.310256	.4274488	1.165423	.4142901

#1	5.329709	9.607882	.1046824	.0131810	7.569333	4.421185	.6663260
#2	5.343488	9.654205	.0999278	.0129963	7.572950	4.354312	.6682376
#3	5.241568	9.777142	.1014821	.0140776	7.627246	4.321328	.6717862

Sample Name: J1862-01 Acquired: 3/14/2018 15:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.286275	.0959711	.5925828
Stddev	.004007	.0004407	.0038734
%RSD	.3114900	.4591542	.6536396

#1	1.281668	.0955067	.5969761
#2	1.288949	.0963834	.5911125
#3	1.288207	.0960230	.5896599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.715	4368.794	50006.32	7069.637	4308.632
Stddev	15.679	33.247	227.99	21.094	33.406
%RSD	.7456397	.7610046	.4559255	.2983750	.7753212

#1	2085.629	4394.369	49753.62	7073.377	4331.857
#2	2116.442	4380.801	50196.61	7046.923	4323.691
#3	2106.074	4331.211	50068.74	7088.611	4270.347

Sample Name: J1862-02 Acquired: 3/14/2018 15:41:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1295234	.0336408	9.195395	-.029511	.0080333	86.71253	3.276606
Stddev	.0021625	.0009589	.012655	.005262	.0004736	.34485	.025023
%RSD	1.669608	2.850339	.1376179	17.83133	5.895316	.3976938	.7636844

#1	.1320116	.0325691	9.180850	-.029256	.0080650	87.10894	3.293617
#2	.1280975	.0339359	9.201458	-.034896	.0075446	86.54700	3.288327
#3	.1284610	.0344175	9.203878	-.024381	.0084902	86.48165	3.247874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111284	.0172019	137.0384	.3311691	.1022762	.6627183	314.4662
Stddev	.0001163	.0001450	.7108	.0016054	.0007502	.0043809	1.7324
%RSD	1.044842	.8428368	.5187044	.4847602	.7334760	.6610496	.5508900

#1	.0111473	.0172812	137.5307	.3323759	.1016718	.6674426	316.0605
#2	.0112341	.0170345	137.3610	.3317842	.1020410	.6587899	314.7154
#3	.0110038	.0172899	136.2235	.3293471	.1031158	.6619225	312.6228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.13411	28.82003	.1355095	.0032048	2.069173	.3460118	7.494596
Stddev	.13474	.17778	.0002563	.0002069	.218840	.0022365	.092104
%RSD	.4789337	.6168714	.1890990	6.456092	10.57622	.6463722	1.228941

#1	28.24879	28.99668	.1356700	.0029708	2.237988	.3448673	7.592935
#2	28.16784	28.82227	.1356446	.0033635	1.821924	.3485890	7.480500
#3	27.98571	28.64113	.1352140	.0032800	2.147605	.3445792	7.410352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.924859	12.89420	.1185032	.0153755	6.502607	4.924841	1.383563
Stddev	.031726	.05180	.0097839	.0003057	.009985	.063779	.002228
%RSD	.5354701	.4017007	8.256197	1.988201	.1535502	1.295047	.1610153

#1	5.960775	12.86535	.1217992	.0151775	6.504988	4.985704	1.384121
#2	5.913148	12.95400	.1262134	.0152213	6.511187	4.858500	1.385458
#3	5.900653	12.86326	.1074970	.0157275	6.491648	4.930319	1.381109

Sample Name: J1862-02 Acquired: 3/14/2018 15:41:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.316107	.1128479	.7331116
Stddev	.012779	.0005629	.0027748
%RSD	.9709746	.4988129	.3784965

#1	1.330205	.1131045	.7358660
#2	1.305283	.1122024	.7331519
#3	1.312834	.1132367	.7303168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.657	4269.541	48718.45	6887.834	4199.015
Stddev	21.166	10.956	388.57	32.995	9.529
%RSD	1.027652	.2566133	.7975762	.4790341	.2269239

#1	2035.506	4263.164	48416.84	6857.820	4200.552
#2	2068.480	4282.192	48581.57	6923.164	4207.681
#3	2074.983	4263.267	49156.93	6882.519	4188.811

Sample Name: J1862-03 Acquired: 3/14/2018 15:45:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868800	.0418920	3.139737	-.053360	.0193093	88.54259	2.232106
Stddev	.0030264	.0017482	.011013	.005061	.0008040	.77438	.014791
%RSD	1.619418	4.173116	.3507624	9.485014	4.163693	.8745871	.6626479

#1	.1893333	.0406528	3.151231	-.049258	.0183810	88.10337	2.225100
#2	.1878084	.0438916	3.138705	-.051807	.0197651	89.43673	2.249098
#3	.1834981	.0411316	3.129277	-.059016	.0197819	88.08769	2.222119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140224	.0284758	74.42850	.4230631	.1402820	.5571308	516.3391
Stddev	.0000567	.0003810	.71479	.0041968	.0007926	.0058153	4.1491
%RSD	.4044740	1.337815	.9603768	.9920090	.5650192	1.043791	.8035662

#1	.0140179	.0289146	74.15760	.4272188	.1411684	.5540190	514.1650
#2	.0140813	.0282291	75.23915	.4188264	.1400363	.5638399	521.1235
#3	.0139681	.0282838	73.88876	.4231442	.1396414	.5535335	513.7288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.01837	15.03800	.1635290	.0039109	2.056203	.4600731	8.993194
Stddev	.22631	.12334	.0015163	.0003765	.085537	.0059869	.039873
%RSD	.8077223	.8202218	.9272085	9.625911	4.159957	1.301301	.4433676

#1	27.93105	15.03692	.1649464	.0036517	2.148911	.4533432	9.020436
#2	28.27533	15.16187	.1637104	.0043427	1.980344	.4648074	8.947429
#3	27.84873	14.91519	.1619302	.0037382	2.039355	.4620686	9.011718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447415	10.22653	.0932710	.0191383	5.636784	2.249484	.1138765
Stddev	.082170	.04561	.0131614	.0004809	.010725	.049878	.0021250
%RSD	1.508428	.4459848	14.11088	2.512773	.1902657	2.217301	1.866060

#1	5.389160	10.22519	.0808709	.0196446	5.632790	2.299362	.1140806
#2	5.541402	10.27280	.0918618	.0190829	5.648933	2.249484	.1158920
#3	5.411684	10.18161	.1070803	.0186875	5.628629	2.199606	.1116568

Sample Name: J1862-03 Acquired: 3/14/2018 15:45:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.043748	.0864722	.2916640
Stddev	.015625	.0002415	.0022551
%RSD	1.497003	.2792725	.7731770

#1	1.041340	.0862172	.2905221
#2	1.060437	.0866974	.2942617
#3	1.029467	.0865020	.2902083

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.260	4240.498	48213.47	6750.826	4248.022
Stddev	5.771	21.879	117.29	62.964	16.025
%RSD	.2818745	.5159570	.2432822	.9326847	.3772259

#1	2045.252	4217.672	48122.96	6768.024	4231.167
#2	2053.767	4242.536	48345.98	6681.050	4249.836
#3	2042.762	4261.287	48171.47	6803.404	4263.062

Sample Name: J1862-04 Acquired: 3/14/2018 15:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829617	.0418696	3.121325	-.046880	.0200023	88.09535	2.215880
Stddev	.0042018	.0025166	.008928	.002849	.0003527	.76470	.018083
%RSD	2.296549	6.010550	.2860225	6.076952	1.763111	.8680424	.8160580

#1	.1854039	.0405332	3.129124	-.044474	.0203948	87.28990	2.207624
#2	.1853712	.0447724	3.111587	-.046140	.0199000	88.81146	2.236618
#3	.1781099	.0403031	3.123263	-.050026	.0197121	88.18469	2.203400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137492	.0282564	74.55386	.4154977	.1385112	.5518870	505.7846
Stddev	.0000333	.0004337	.63236	.0019447	.0003186	.0060634	4.1656
%RSD	.2420579	1.534832	.8481975	.4680311	.2299985	1.098660	.8236008

#1	.0137850	.0286641	74.12951	.4175345	.1386170	.5455499	503.8485
#2	.0137434	.0278007	75.28065	.4136606	.1381532	.5576333	510.5660
#3	.0137191	.0283043	74.25141	.4152980	.1387635	.5524777	502.9394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.08763	15.06825	.1615160	.0040632	2.108342	.4528062	8.951889
Stddev	.22620	.08425	.0006551	.0003921	.089409	.0033107	.022558
%RSD	.8053338	.5591165	.4056217	9.649186	4.240717	.7311400	.2519952

#1	27.95604	15.04326	.1617365	.0036902	2.140083	.4522428	8.966845
#2	28.34882	15.16217	.1607790	.0040275	2.177550	.4563624	8.925942
#3	27.95803	14.99932	.1620324	.0044719	2.007393	.4498134	8.962881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.467989	10.17848	.0959411	.0188356	5.580557	2.145795	.1131368
Stddev	.060427	.02695	.0021036	.0002398	.013367	.012548	.0014612
%RSD	1.105099	.2647817	2.192579	1.273155	.2395317	.5847562	1.291525

#1	5.404182	10.15704	.0973366	.0190848	5.584455	2.145407	.1145009
#2	5.524344	10.16966	.0969651	.0186065	5.565674	2.133445	.1115948
#3	5.475441	10.20873	.0935216	.0188155	5.591542	2.158532	.1133146

Sample Name: J1862-04 Acquired: 3/14/2018 15:49:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.023316	.0870512	.2874182
Stddev	.001892	.0009967	.0017786
%RSD	.1848510	1.144930	.6188276

#1	1.024180	.0872595	.2858469
#2	1.024621	.0879273	.2893492
#3	1.021147	.0859669	.2870585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.387	4270.271	48487.07	6765.051	4280.133
Stddev	18.861	25.560	248.93	39.662	11.477
%RSD	.9149566	.5985506	.5133961	.5862767	.2681342

#1	2040.129	4244.414	48209.81	6809.110	4268.870
#2	2067.917	4295.522	48691.36	6732.196	4291.812
#3	2076.114	4270.878	48560.04	6753.847	4279.718

Sample Name: J1862-05 Acquired: 3/14/2018 15:53:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2471326	.1362240	2.960960	.0397264	.1853934	86.23622	5.492119
Stddev	.0006289	.0015044	.017091	.0034378	.0017753	.07900	.008490
%RSD	.2544803	1.104331	.5771986	8.653688	.9575855	.0916066	.1545903

#1	.2476801	.1364224	2.953442	.0358791	.1873501	86.18764	5.491746
#2	.2472720	.1346302	2.948917	.0424969	.1838857	86.32738	5.483821
#3	.2464457	.1376193	2.980521	.0408033	.1849443	86.19365	5.500789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0920535	.1207190	68.84463	.7509007	1.068991	.9596986	478.7084
Stddev	.0009731	.0008008	.16239	.0057602	.006289	.0062292	1.3688
%RSD	1.057115	.6633468	.2358771	.7671096	.5883087	.6490753	.2859453

#1	.0911566	.1205330	68.67945	.7467619	1.065529	.9665955	477.5208
#2	.0930882	.1200275	68.85038	.7574793	1.065195	.9580185	478.3988
#3	.0919158	.1215964	69.00407	.7484609	1.076251	.9544818	480.2054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.77372	13.83933	1.091691	.0805070	2.087180	1.265636	9.374975
Stddev	.07596	.03822	.005566	.0002320	.071806	.012139	.046947
%RSD	.2836929	.2761556	.5098841	.2882207	3.440332	.9590897	.5007735

#1	26.71588	13.79960	1.087946	.0806644	2.009546	1.265464	9.392260
#2	26.74556	13.84259	1.089038	.0806161	2.151212	1.253584	9.410830
#3	26.85974	13.87582	1.098087	.0802405	2.100781	1.277859	9.321836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885984	9.496054	.0910443	.0177695	5.243579	2.014970	.1078144
Stddev	.021240	.042190	.0090470	.0005396	.034653	.031744	.0012815
%RSD	.4347107	.4442870	9.936943	3.036601	.6608719	1.575396	1.188603

#1	4.909301	9.509724	.0959722	.0173496	5.247200	1.981452	.1067399
#2	4.880910	9.448725	.0806032	.0175807	5.207257	2.044577	.1092327
#3	4.867741	9.529715	.0965575	.0183781	5.276280	2.018881	.1074706

Sample Name: J1862-05 Acquired: 3/14/2018 15:53:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9679025	.0830762	.2717258
Stddev	.0075923	.0001653	.0003314
%RSD	.7844092	.1989826	.1219755

#1	.9752014	.0832658	.2720291
#2	.9600473	.0829625	.2713720
#3	.9684587	.0830003	.2717762

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.513	4404.959	50116.63	7108.240	4445.746
Stddev	13.842	16.045	121.13	32.831	17.751
%RSD	.6494067	.3642486	.2417009	.4618737	.3992799

#1	2135.935	4409.751	50209.64	7143.167	4455.091
#2	2116.001	4418.063	49979.66	7078.011	4456.872
#3	2142.604	4387.064	50160.60	7103.542	4425.274

Sample Name: J1862-03LX5 Acquired: 3/14/2018 15:57:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMB8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352773	.0089657	.5678418	-.009009	.0032964	17.30987	.4348820
Stddev	.0014996	.0014912	.0078815	.001676	.0012836	.02136	.0021795
%RSD	4.250819	16.63266	1.387974	18.60860	38.93916	.1233758	.5011758

#1	.0359598	.0072471	.5765149	-.008658	.0037589	17.28615	.4363147
#2	.0363142	.0097322	.5611176	-.007536	.0042846	17.31592	.4359575
#3	.0335579	.0099177	.5658928	-.010833	.0018456	17.32756	.4323737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029115	.0045940	14.81556	.0841719	.0242346	.1120436	103.9022
Stddev	.0000981	.0001357	.01585	.0019628	.0005034	.0009289	.1987
%RSD	3.369273	2.953797	.1070062	2.331855	2.077064	.8290369	.1912527

#1	.0028815	.0047483	14.82933	.0862906	.0247951	.1117441	104.0939
#2	.0030211	.0045406	14.81912	.0838093	.0238212	.1130852	103.9155
#3	.0028319	.0044931	14.79823	.0824157	.0240875	.1113013	103.6971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638980	3.022848	.0302584	.0007809	.4137587	.0884082	1.749197
Stddev	.024463	.009485	.0003181	.0003600	.1636915	.0028626	.023542
%RSD	.4338199	.3137672	1.051219	46.10246	39.56206	3.237912	1.345901

#1	5.665374	3.011987	.0305823	.0011390	.2773164	.0889777	1.770047
#2	5.634497	3.029499	.0299465	.0007847	.5952605	.0909431	1.753878
#3	5.617068	3.027057	.0302464	.0004190	.3686990	.0853036	1.723665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7669359	1.787311	.0198385	.0037581	.9502833	.4280927	.0208402
Stddev	.0452052	.013921	.0012440	.0003263	.0093435	.0088678	.0005798
%RSD	5.894254	.7788592	6.270494	8.681365	.9832354	2.071456	2.782319

#1	.7183974	1.801062	.0210908	.0040533	.9608263	.4375860	.0212606
#2	.7745766	1.773227	.0198215	.0038132	.9430281	.4266693	.0201787
#3	.8078339	1.787643	.0186031	.0034078	.9469954	.4200227	.0210813

Sample Name: J1862-03LX5 Acquired: 3/14/2018 15:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2053002	.0146830	.0576924
Stddev	.0054633	.0009074	.0001898
%RSD	2.661149	6.179662	.3290060

#1	.2017172	.0143407	.0576980
#2	.2025952	.0139966	.0578794
#3	.2115884	.0157117	.0574998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.911	4264.677	46519.03	6328.771	4800.777
Stddev	21.041	50.608	557.57	20.882	60.195
%RSD	1.054709	1.186677	1.198574	.3299577	1.253854

#1	1975.321	4206.877	46062.22	6339.792	4732.376
#2	1992.262	4301.026	46354.52	6341.834	4845.675
#3	2017.151	4286.129	47140.33	6304.687	4824.279

Sample Name: J1862-06 Acquired: 3/14/2018 16:01:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753549	.0143592	1.715111	-.030202	.0142813	66.53534	.9959708
Stddev	.0017729	.0014636	.002725	.002577	.0011758	.26050	.0020313
%RSD	2.352788	10.19297	.1588687	8.532947	8.233196	.3915174	.2039546

#1	.0740514	.0154567	1.714946	-.032895	.0130221	66.75817	.9982612
#2	.0773737	.0149235	1.712472	-.027759	.0144714	66.59891	.9952636
#3	.0746395	.0126974	1.717914	-.029953	.0153505	66.24894	.9943876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078906	.0233353	266.1532	.3730009	.1048558	.9144338	267.9447
Stddev	.0000215	.0002122	.4918	.0007268	.0006187	.0030513	.3414
%RSD	.2726749	.9094663	.1847637	.1948405	.5900589	.3336815	.1274205

#1	.0078788	.0233490	266.6078	.3727429	.1048059	.9144904	267.8373
#2	.0079154	.0231165	266.2206	.3738214	.1042635	.9113547	268.3269
#3	.0078775	.0235403	265.6313	.3724383	.1054979	.9174565	267.6699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.826064	116.0838	.2169000	.0029519	1.524912	.2633176	7.274636
Stddev	.001400	.1557	.0006377	.0003070	.149870	.0013708	.069499
%RSD	.0142434	.1341207	.2939967	10.40020	9.828114	.5205897	.9553625

#1	9.827546	116.2595	.2171894	.0033037	1.692376	.2637569	7.229849
#2	9.825882	115.9628	.2161689	.0027384	1.478970	.2644149	7.354699
#3	9.824765	116.0292	.2173417	.0028135	1.403391	.2617810	7.239361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.760905	10.96298	.0554597	.0248863	4.855343	2.677074	.0836636
Stddev	.018471	.04441	.0042690	.0002871	.032143	.023837	.0001913
%RSD	.4911221	.4051196	7.697522	1.153650	.6620105	.8904274	.2286175

#1	3.741502	11.01208	.0510601	.0251734	4.877392	2.683744	.0835614
#2	3.762939	10.92562	.0557343	.0248865	4.818462	2.696867	.0838842
#3	3.778274	10.95123	.0595849	.0245992	4.870175	2.650613	.0835451

Sample Name: J1862-06 Acquired: 3/14/2018 16:01:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7769422	.0472948	.2108828
Stddev	.0051979	.0004435	.0002943
%RSD	.6690133	.9376891	.1395308

#1	.7720318	.0467851	.2110250
#2	.7823863	.0475065	.2110789
#3	.7764085	.0475927	.2105445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.161	4070.935	46650.00	6655.921	4151.267
Stddev	13.277	10.538	124.06	4.537	16.732
%RSD	.6718729	.2588562	.2659396	.0681592	.4030654

#1	1985.353	4070.336	46786.54	6651.216	4160.235
#2	1960.939	4081.759	46619.26	6656.280	4161.604
#3	1982.190	4060.709	46544.20	6660.268	4131.962

Sample Name: J1862-07 Acquired: 3/14/2018 16:05:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001496	.0182478	1.985038	-.042975	.0134270	91.04402	1.113507
Stddev	.0039083	.0018847	.010119	.006196	.0005534	.47765	.001887
%RSD	3.902474	10.32843	.5097681	14.41774	4.121544	.5246325	.1694571

#1	.0958017	.0172955	1.981078	-.050089	.0139652	91.58526	1.115673
#2	.1033706	.0204187	1.977498	-.038761	.0134563	90.68150	1.112221
#3	.1012766	.0170294	1.996538	-.040075	.0128596	90.86531	1.112627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125367	.0103133	198.8538	.3664007	.1200566	.4451512	340.8527
Stddev	.0001089	.0001968	.8156	.0019646	.0008761	.0072257	1.5374
%RSD	.8689906	1.908703	.4101733	.5361990	.7297384	1.623211	.4510505

#1	.0126578	.0102871	199.7447	.3686497	.1201882	.4511283	341.4189
#2	.0124467	.0101308	198.6729	.3655332	.1191221	.4472042	342.0267
#3	.0125056	.0105219	198.1438	.3650191	.1208594	.4371211	339.1125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46979	86.94366	.1242018	.0015186	1.301748	.4028457	4.329818
Stddev	.04588	.38542	.0001255	.0002028	.138085	.0044244	.031747
%RSD	.3679012	.4433001	.1010038	13.35341	10.60766	1.098297	.7332296

#1	12.49714	87.04469	.1242552	.0012862	1.227968	.3995773	4.361891
#2	12.49540	87.26851	.1240585	.0016099	1.461050	.4078805	4.329156
#3	12.41682	86.51779	.1242917	.0016597	1.216225	.4010794	4.298406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.566007	5.185959	.0624942	.0135571	4.105079	8.466919	.0822260
Stddev	.043943	.037328	.0068113	.0002901	.029953	.080576	.0011841
%RSD	1.232271	.7197883	10.89918	2.139714	.7296456	.9516551	1.440054

#1	3.521066	5.169599	.0650185	.0132448	4.107299	8.537458	.0809063
#2	3.608879	5.159603	.0676830	.0136084	4.074079	8.484190	.0825763
#3	3.568075	5.228673	.0547810	.0138181	4.133860	8.379107	.0831954

Sample Name: J1862-07 Acquired: 3/14/2018 16:05:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9260000	.0612151	.1981306
Stddev	.0100381	.0008910	.0005566
%RSD	1.084029	1.455457	.2809484

#1	.9361396	.0617068	.1987487
#2	.9257939	.0601866	.1979745
#3	.9160665	.0617519	.1976688

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.252	4214.438	48563.27	6860.894	4228.646
Stddev	22.547	14.932	351.53	65.643	16.932
%RSD	1.099736	.3543102	.7238627	.9567640	.4004108

#1	2036.148	4213.773	48255.21	6799.705	4226.538
#2	2038.352	4229.692	48488.38	6852.746	4246.533
#3	2076.256	4199.850	48946.21	6930.229	4212.867

Sample Name: J1862-08 Acquired: 3/14/2018 16:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036657	.0196582	1.841559	-.037571	.0118940	83.68614	1.075315
Stddev	.0017109	.0036999	.019433	.000813	.0002401	.51267	.009209
%RSD	1.650402	18.82126	1.055229	2.165086	2.018692	.6126136	.8564010

#1	.1045334	.0222434	1.844472	-.037994	.0116517	83.95519	1.082899
#2	.1047689	.0213112	1.820835	-.038085	.0118986	84.00829	1.077978
#3	.1016948	.0154199	1.859371	-.036633	.0121318	83.09495	1.065068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104797	.0159878	71.21021	.3839782	.1233928	.5932521	348.3840
Stddev	.0001261	.0002753	.39847	.0008618	.0017976	.0033661	3.3802
%RSD	1.202823	1.722150	.5595664	.2244378	1.456771	.5674019	.9702649

#1	.0105014	.0159455	71.60110	.3834506	.1230894	.5951191	351.6001
#2	.0105936	.0157360	71.22495	.3849727	.1217663	.5952711	348.6911
#3	.0103442	.0162818	70.80457	.3835114	.1253228	.5893663	344.8606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.31296	24.81696	.1098234	.0020085	1.457297	.4055194	4.292406
Stddev	.11309	.14717	.0012429	.0001900	.055821	.0045693	.037447
%RSD	.9184902	.5930156	1.131695	9.460574	3.830435	1.126769	.8723974

#1	12.40139	24.94423	.1090070	.0018602	1.407621	.4068974	4.283773
#2	12.35196	24.85084	.1092093	.0022227	1.446565	.4092412	4.260029
#3	12.18553	24.65581	.1112537	.0019426	1.517705	.4004198	4.333415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.783212	7.872367	.0558903	.0117317	2.716059	3.447723	.1090498
Stddev	.095829	.078300	.0023212	.0003048	.032473	.039792	.0015063
%RSD	2.533011	.9946167	4.153047	2.598256	1.195586	1.154164	1.381300

#1	3.835827	7.888442	.0585511	.0120659	2.723304	3.493619	.1096193
#2	3.841207	7.787277	.0542811	.0116601	2.680576	3.426677	.1073418
#3	3.672602	7.941381	.0548386	.0114691	2.744298	3.422873	.1101883

Sample Name: J1862-08 Acquired: 3/14/2018 16:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7572645	.0462159	.1137475
Stddev	.0113924	.0010415	.0008295
%RSD	1.504411	2.253465	.7292052

#1	.7462344	.0457079	.1142888
#2	.7565714	.0474139	.1141611
#3	.7689875	.0455260	.1127925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.931	4465.301	51197.87	7146.720	4546.718
Stddev	11.453	39.694	127.48	56.905	45.529
%RSD	.5244434	.8889491	.2489908	.7962347	1.001366

#1	2177.114	4471.581	51121.73	7089.061	4550.003
#2	2197.154	4501.481	51345.04	7148.259	4590.516
#3	2177.524	4422.841	51126.85	7202.839	4499.636

Sample Name: J1862-09 Acquired: 3/14/2018 16:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214511	.0317640	2.136744	-.026181	.0113990	87.90739	2.014377
Stddev	.0016171	.0025528	.005223	.001859	.0017552	.42056	.007189
%RSD	1.331448	8.036683	.2444151	7.100202	15.39813	.4784118	.3569022

#1	.1196099	.0346993	2.130745	-.028043	.0094980	88.19204	2.021990
#2	.1221025	.0305301	2.139210	-.024326	.0129583	88.10580	2.013439
#3	.1226408	.0300626	2.140277	-.026174	.0117405	87.42433	2.007703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117929	.0117792	76.63150	.2991824	.1315842	.3431180	286.3635
Stddev	.0000685	.0001312	.41211	.0051091	.0006077	.0020178	1.1699
%RSD	.5811676	1.114094	.5377771	1.707698	.4618279	.5880829	.4085295

#1	.0117138	.0117928	77.10138	.2959513	.1309633	.3430017	287.7136
#2	.0118322	.0116417	76.46170	.2965232	.1316117	.3411608	285.7286
#3	.0118328	.0119031	76.33143	.3050726	.1321777	.3451914	285.6484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.68569	12.93567	.1188032	.0020275	1.861469	.3312780	4.364911
Stddev	.11312	.10047	.0001297	.0001779	.113637	.0026138	.060149
%RSD	.4582606	.7767069	.1091540	8.772039	6.104706	.7889977	1.378009

#1	24.81258	13.04783	.1189242	.0021934	1.990952	.3340385	4.298110
#2	24.64908	12.85391	.1188191	.0018397	1.815141	.3309544	4.381845
#3	24.59540	12.90527	.1186664	.0020493	1.778314	.3288411	4.414778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.617904	9.494247	.0637288	.0131777	4.848369	4.046995	.0788492
Stddev	.045754	.031639	.0006513	.0001326	.018742	.029764	.0004578
%RSD	.8144399	.3332406	1.021919	1.006119	.3865621	.7354493	.5805739

#1	5.636921	9.525244	.0644200	.0132184	4.866325	4.013765	.0783641
#2	5.565708	9.495493	.0631266	.0132851	4.828929	4.071206	.0792735
#3	5.651083	9.462003	.0636397	.0130295	4.849854	4.056013	.0789100

Sample Name: J1862-09 Acquired: 3/14/2018 16:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8855274	.0770986	.2294936
Stddev	.0071973	.0004847	.0009123
%RSD	.8127742	.6287323	.3975143

#1	.8927352	.0775595	.2297662
#2	.8855066	.0771432	.2302384
#3	.8783405	.0765931	.2284761

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.671	4715.145	53918.99	7574.187	4598.005
Stddev	35.396	6.846	750.68	27.934	5.746
%RSD	1.539179	.1451830	1.392235	.3688081	.1249597

#1	2328.350	4722.557	54368.21	7557.067	4603.715
#2	2310.552	4713.818	54336.37	7559.072	4592.225
#3	2260.112	4709.061	53052.37	7606.422	4598.074

Sample Name: J1862-10 Acquired: 3/14/2018 16:17:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1438717	.0496704	2.610320	-.047065	.0149018	93.44423
Stddev	.0041955	.0013513	.017139	.004423	.0017148	.36777
%RSD	2.916165	2.720545	.6565818	9.397564	11.50712	.3935767

#1	.1478778	.0481356	2.625844	-.051240	.0156393	93.86308
#2	.1442279	.0501943	2.591928	-.042430	.0161246	93.17414
#3	.1395095	.0506814	2.613189	-.047526	.0129417	93.29548

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517043	.0146443	.0136999	61.29489	.4384732	.1325204
Stddev	.011542	.0000436	.0000620	.23853	.0066197	.0010576
%RSD	.4585447	.2976826	.4523234	.3891444	1.509719	.7980668

#1	2.527169	.0146589	.0137402	61.51591	.4459083	.1335766
#2	2.504476	.0145953	.0136285	61.04205	.4362917	.1314614
#3	2.519484	.0146787	.0137309	61.32672	.4332196	.1325232

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4471715	481.7271	F 32.13353	12.20888	.1783025	.0018390
Stddev	.0014460	1.7067	.14596	.06342	.0018591	.0000710
%RSD	.3233554	.3542939	.4542277	.5194222	1.042655	3.861405

#1	.4487309	483.2356	32.27264	12.23508	.1804315	.0018291
#2	.4469087	479.8746	31.98157	12.13657	.1770003	.0019145
#3	.4458750	482.0712	32.14638	12.25500	.1774756	.0017735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.378315	.4328738	5.577142	10.46996	8.474102	.0960223
Stddev	.098901	.0064062	.052225	.03278	.095211	.0003736
%RSD	4.158439	1.479920	.9364063	.3130675	1.123555	.3890465

#1	2.491947	.4386687	5.608476	10.48206	8.526623	.0955944
#2	2.331356	.4259947	5.606096	10.49497	8.364198	.0961890
#3	2.311643	.4339581	5.516854	10.43285	8.531486	.0962835

Sample Name: J1862-10 Acquired: 3/14/2018 16:17:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194874	4.465827	4.329238	.1753894	.7589842	.0892446
Stddev	.0000639	.054219	.044095	.0026114	.0010979	.0008866
%RSD	.3278403	1.214090	1.018544	1.488890	.1446487	.9934379

#1	.0194261	4.485556	4.341611	.1778370	.7596824	.0902521
#2	.0195536	4.404506	4.280279	.1726404	.7577188	.0885837
#3	.0194825	4.507420	4.365826	.1756908	.7595514	.0888980

Elem	Sr4077
Units	ppm
Avg	.2457219
Stddev	.0004965
%RSD	.2020693

#1	.2462130
#2	.2452201
#3	.2457325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.779	4604.027	52342.11	7286.490	4469.922
Stddev	11.174	44.628	506.45	34.045	40.293
%RSD	.5042854	.9693187	.9675799	.4672317	.9014357

#1	2208.453	4555.163	51771.74	7258.643	4428.027
#2	2210.245	4642.630	52515.48	7324.444	4508.396
#3	2228.640	4614.289	52739.11	7276.383	4473.342

Sample Name: J1862-11 Acquired: 3/14/2018 16:21:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1439753	.0445069	1.239180	-.050348	.0118083	94.94922
Stddev	.0029863	.0017464	.007267	.001840	.0002613	.60937
%RSD	2.074171	3.923854	.5864050	3.653618	2.212543	.6417880

#1	.1467004	.0425016	1.238260	-.049359	.0117705	95.43771
#2	.1407829	.0453250	1.232417	-.052471	.0115681	94.26638
#3	.1444426	.0456941	1.246862	-.049215	.0120865	95.14358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.600935	.0165845	.0060477	125.6960	.3724079	.2076457
Stddev	.011217	.0001032	.0001940	1.2016	.0026271	.0000781
%RSD	.4312723	.6225022	3.208140	.9559619	.7054256	.0375939

#1	2.605360	.0164714	.0059313	126.9819	.3704415	.2075561
#2	2.609265	.0166083	.0059400	125.5043	.3753915	.2076820
#3	2.588181	.0166738	.0062716	124.6018	.3713908	.2076989

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3641674	431.1614	F 37.55502	37.77968	.1420482	-.001485
Stddev	.0019785	3.4898	.30082	.28408	.0009129	.000441
%RSD	.5433061	.8093997	.8010101	.7519316	.6426477	29.67027

#1	.3664329	434.3898	37.84403	38.07474	.1424874	-.001150
#2	.3627792	431.6357	37.57740	37.75625	.1409988	-.001984
#3	.3632901	427.4586	37.24364	37.50804	.1426584	-.001320

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.839456	.5014361	2.284206	5.972549	6.720492	.0744002
Stddev	.101600	.0024398	.044252	.060740	.026750	.0103071
%RSD	5.523391	.4865577	1.937287	1.016978	.3980432	13.85356

#1	1.908717	.5028841	2.335193	6.042611	6.723592	.0834013
#2	1.886830	.5028051	2.255806	5.934735	6.692326	.0766429
#3	1.722821	.4986193	2.261618	5.940301	6.745557	.0631564

Sample Name: J1862-11 Acquired: 3/14/2018 16:21:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257233	8.751106	4.591903	.1442971	.7991647	.0878832
Stddev	.0002773	.046166	.021273	.0017802	.0057825	.0005981
%RSD	1.078117	.5275405	.4632731	1.233714	.7235687	.6805165

#1	.0254430	8.722906	4.568960	.1454812	.8055853	.0885675
#2	.0259975	8.726030	4.610973	.1422499	.7975414	.0876217
#3	.0257293	8.804383	4.595777	.1451603	.7943673	.0874605

Elem	Sr4077
Units	ppm
Avg	.3350630
Stddev	.0010187
%RSD	.3040285

#1	.3361652
#2	.3341560
#3	.3348678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.856	4886.923	56843.23	8046.042	4434.039
Stddev	23.085	18.986	302.67	38.233	14.608
%RSD	.9647524	.3885119	.5324713	.4751786	.3294594

#1	2367.433	4898.854	56615.19	8006.949	4434.673
#2	2398.623	4896.886	56727.88	8083.353	4448.321
#3	2412.510	4865.029	57186.62	8047.823	4419.125

Sample Name: J1862-12 Acquired: 3/14/2018 16:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059762	.0200606	1.037157	-.022741	.0085136	80.19350	1.795049
Stddev	.0016479	.0012219	.010534	.001839	.0011614	1.00042	.024178
%RSD	1.554986	6.091049	1.015632	8.085702	13.64149	1.247504	1.346941

#1	.1068474	.0187582	1.029807	-.024290	.0078957	80.46951	1.795816
#2	.1070057	.0202418	1.032439	-.020709	.0098532	81.02693	1.818835
#3	.1040756	.0211818	1.049225	-.023223	.0077917	79.08405	1.770497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108975	.0081452	139.1846	.2037780	.1029610	.3537449	248.0729
Stddev	.0000749	.0003054	1.8234	.0006262	.0008560	.0035919	3.3074
%RSD	.6874351	3.749586	1.310041	.3073184	.8314030	1.015391	1.333254

#1	.0109836	.0081145	139.1712	.2041262	.1021427	.3529153	248.5778
#2	.0108476	.0078563	141.0146	.2041527	.1028900	.3576790	251.0989
#3	.0108613	.0084648	137.3679	.2030550	.1038504	.3506404	244.5421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.84790	31.56190	.1051776	.0020384	1.216586	.2714798	4.682365
Stddev	.21128	.40323	.0017246	.0002418	.185480	.0030069	.022467
%RSD	1.333197	1.277596	1.639711	11.86445	15.24596	1.107599	.4798224

#1	15.86429	31.73015	.1036041	.0019458	1.028327	.2728666	4.707415
#2	16.05051	31.85377	.1049072	.0023128	1.222274	.2735431	4.663996
#3	15.62890	31.10179	.1070214	.0018564	1.399157	.2680297	4.675684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.828818	8.481426	.0754529	.0088890	6.716838	2.887474	.0831382
Stddev	.109988	.076091	.0056780	.0000625	.066824	.060363	.0017012
%RSD	1.886977	.8971507	7.525257	.7032512	.9948801	2.090501	2.046180

#1	5.849427	8.394905	.0703880	.0088943	6.648139	2.860405	.0822088
#2	5.927044	8.511437	.0815909	.0088241	6.720762	2.956633	.0821041
#3	5.709983	8.537935	.0743799	.0089488	6.781615	2.845383	.0851015

Sample Name: J1862-12 Acquired: 3/14/2018 16:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6086183	.0771864	.3359831
Stddev	.0068145	.0007156	.0040418
%RSD	1.119665	.9271226	1.202972

#1	.6066626	.0765570	.3365288
#2	.6161967	.0779647	.3397242
#3	.6029954	.0770374	.3316961

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.287	4601.525	53326.12	7424.759	4533.570
Stddev	16.533	38.833	291.21	96.112	42.070
%RSD	.7304885	.8439194	.5460891	1.294485	.9279692

#1	2244.201	4645.593	52996.64	7356.065	4577.869
#2	2272.451	4586.671	53432.69	7383.617	4528.687
#3	2273.208	4572.312	53549.03	7534.594	4494.155

Sample Name: J1862-13 Acquired: 3/14/2018 16:29:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1388314	.0279508	1.808643	-.042352	.0129681	117.8280	2.027211
Stddev	.0037675	.0011563	.024262	.003835	.0010446	1.5800	.032413
%RSD	2.713697	4.136923	1.341464	9.055126	8.055215	1.340908	1.598873

#1	.1385277	.0289278	1.792955	-.044343	.0123617	118.4956	2.051261
#2	.1427415	.0282503	1.796385	-.037931	.0123682	118.9646	2.040021
#3	.1352250	.0266742	1.836588	-.044783	.0141743	116.0238	1.990352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167727	.0017781	128.9867	.2793684	.1154906	.2112637	359.9787
Stddev	.0004609	.0002285	1.3582	.0031473	.0013339	.0023334	4.6026
%RSD	2.747627	12.85153	1.053014	1.126575	1.155017	1.104484	1.278574

#1	.0171792	.0015661	129.9358	.2820716	.1145816	.2131251	363.6212
#2	.0168667	.0017479	129.5935	.2759133	.1148683	.2120200	361.5089
#3	.0162720	.0020201	127.4308	.2801205	.1170220	.2086460	354.8059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.25831	33.60848	.0743864	.0006114	2.192296	.5195325	1.795448
Stddev	.31550	.46056	.0010543	.0004001	.049910	.0078583	.040083
%RSD	1.356501	1.370382	1.417340	65.44486	2.276620	1.512577	2.232470

#1	23.47232	33.91271	.0736039	.0009769	2.145245	.5279207	1.759144
#2	23.40663	33.83411	.0739700	.0006732	2.244643	.5183356	1.788737
#3	22.89598	33.07860	.0755853	.0001839	2.187000	.5123414	1.838462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.633462	4.924741	.0660511	.0093139	4.096134	4.344435	.2723796
Stddev	.116877	.070418	.0076802	.0004068	.053724	.122946	.0033764
%RSD	2.074685	1.429892	11.62761	4.368004	1.311573	2.829974	1.239604

#1	5.671103	4.932015	.0595412	.0089376	4.092734	4.446455	.2708732
#2	5.726880	4.850969	.0640906	.0092585	4.044191	4.378920	.2700186
#3	5.502403	4.991241	.0745215	.0097456	4.151477	4.207928	.2762470

Sample Name: J1862-13 Acquired: 3/14/2018 16:29:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.961858	.1761561	.4085737
Stddev	.024876	.0031403	.0065736
%RSD	1.267996	1.782670	1.608904

#1	1.971653	.1772769	.4122858
#2	1.980346	.1785821	.4124515
#3	1.933575	.1726091	.4009838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.264	4971.976	57683.98	8094.404	4543.136
Stddev	34.132	10.350	437.01	112.634	19.351
%RSD	1.394128	.2081694	.7575955	1.391508	.4259403

#1	2480.033	4960.338	58018.14	8034.129	4541.418
#2	2452.580	4980.149	57844.36	8024.734	4563.289
#3	2412.179	4975.441	57189.44	8224.350	4524.702

Sample Name: J1862-14 Acquired: 3/14/2018 16:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2629169	.0505431	3.268445	-.061772	.0138198	123.6668
Stddev	.0048783	.0021378	.036149	.008046	.0019677	.8013
%RSD	1.855444	4.229643	1.106011	13.02558	14.23825	.6479744

#1	.2626139	.0503356	3.262571	-.057525	.0154258	124.1744
#2	.2581971	.0527771	3.235592	-.056739	.0116249	124.0830
#3	.2679396	.0485167	3.307171	-.071052	.0144088	122.7430

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.538544	.0195068	.0120539	177.3264	.3290159	.1333684
Stddev	.018433	.0000678	.0005251	1.5840	.0014874	.0011008
%RSD	.7261369	.3476459	4.355833	.8932895	.4520858	.8254052

#1	2.551085	.0195814	.0118875	178.3107	.3302922	.1331304
#2	2.547167	.0194488	.0116323	178.1694	.3293732	.1324060
#3	2.517379	.0194903	.0126420	175.4991	.3273824	.1345687

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3878204	556.3590	F 41.00740	46.09706	.1243191	.0021891
Stddev	.0001761	5.1751	.39680	.44049	.0017346	.0003416
%RSD	.0453945	.9301690	.9676318	.9555727	1.395259	15.60441

#1	.3879845	559.8371	41.26256	46.45486	.1238574	.0018256
#2	.3878424	558.8281	41.20939	46.23124	.1228621	.0022383
#3	.3876345	550.4118	40.55024	45.60508	.1262378	.0025035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.709286	.5776045	6.222921	9.321758	8.102113	.1136574
Stddev	.089942	.0043669	.100199	.012836	.070491	.0159361
%RSD	1.909880	.7560301	1.610164	.1376974	.8700384	14.02119

#1	4.810303	.5775194	6.333194	9.320804	8.075840	.1213633
#2	4.679664	.5820132	6.198111	9.335044	8.048532	.1242760
#3	4.637892	.5732807	6.137457	9.309425	8.181968	.0953330

Sample Name: J1862-14 Acquired: 3/14/2018 16:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178733	5.467224	5.252392	.1313486	3.701595	.2016512
Stddev	.0002648	.054922	.043170	.0019168	.024949	.0012949
%RSD	1.481478	1.004564	.8219205	1.459326	.6740162	.6421557

#1	.0178179	5.442057	5.301572	.1325842	3.708892	.2027163
#2	.0176407	5.429396	5.234852	.1291405	3.722082	.2020273
#3	.0181614	5.530220	5.220753	.1323212	3.673810	.2002098

Elem	Sr4077
Units	ppm
Avg	.5424381
Stddev	.0034549
%RSD	.6369220

#1	.5446435
#2	.5442143
#3	.5384564

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.415	4734.397	54775.10	7782.484	4284.238
Stddev	37.407	46.686	794.04	72.561	40.933
%RSD	1.609326	.9861045	1.449639	.9323686	.9554301

#1	2284.606	4744.637	53941.12	7742.321	4293.658
#2	2329.805	4775.113	54862.13	7738.883	4319.640
#3	2358.836	4683.441	55522.03	7866.247	4239.416

Sample Name: J1862-15 Acquired: 3/14/2018 16:37:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2042743	.0640258	4.835432	-.065725	.0189126	127.2790
Stddev	.0030485	.0020904	.037225	.000943	.0015294	.4774
%RSD	1.492358	3.264906	.7698353	1.434873	8.086587	.3750514

#1	.2066898	.0631040	4.858828	-.064965	.0204035	127.8302
#2	.2008490	.0625547	4.792506	-.065428	.0173475	127.0021
#3	.2052840	.0664186	4.854960	-.066780	.0189867	127.0046

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.802198	.0192183	.0336220	153.9551	.6488379	.1747461
Stddev	.037203	.0001567	.0005313	.7763	.0069605	.0014952
%RSD	.7747054	.8155046	1.580057	.5042394	1.072761	.8556541

#1	4.831530	.0193991	.0341056	154.6917	.6568122	.1752383
#2	4.814712	.0191210	.0330534	154.0291	.6439811	.1730669
#3	4.760352	.0191347	.0337072	153.1444	.6457203	.1759333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8684678	547.4425	F 52.62374	51.24791	.3442880	.0031980
Stddev	.0051221	3.6222	.34219	.35745	.0022939	.0004139
%RSD	.5897835	.6616625	.6502567	.6974887	.6662662	12.94184

#1	.8725241	549.5699	52.92092	51.28543	.3461843	.0035903
#2	.8701674	549.4976	52.70067	51.58512	.3417383	.0032381
#3	.8627120	543.2602	52.24964	50.87318	.3449415	.0027655

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.698198	.4751891	15.05004	21.41574	6.212349	.1005829
Stddev	.066189	.0049283	.22401	.05432	.059650	.0101997
%RSD	1.408811	1.037131	1.488431	.2536257	.9601905	10.14055

#1	4.644943	.4797212	15.30861	21.45717	6.261280	.0966670
#2	4.772301	.4759037	14.92680	21.43581	6.145902	.1121602
#3	4.677351	.4699426	14.91471	21.35425	6.229866	.0929214

Sample Name: J1862-15 Acquired: 3/14/2018 16:37:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305643	4.652757	3.304400	.3306664	3.260829	.2382580
Stddev	.0001036	.026022	.021144	.0018444	.025551	.0011659
%RSD	.3391003	.5592794	.6398720	.5577839	.7835625	.4893270

#1	.0304575	4.680218	3.325557	.3327952	3.288627	.2391110
#2	.0305710	4.628465	3.283269	.3295477	3.238369	.2369295
#3	.0306645	4.649587	3.304375	.3296563	3.255492	.2387334

Elem	Sr4077
Units	ppm
Avg	.5167795
Stddev	.0023994
%RSD	.4642961

#1	.5188157
#2	.5173885
#3	.5141343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.559	4885.569	56206.59	7928.590	4441.922
Stddev	21.539	23.032	266.79	3.929	26.794
%RSD	.9055602	.4714215	.4746561	.0495495	.6032052

#1	2355.143	4872.997	55909.68	7927.639	4424.695
#2	2383.010	4912.151	56426.16	7932.907	4472.792
#3	2397.526	4871.560	56283.93	7925.225	4428.279

Sample Name: J1862-16 Acquired: 3/14/2018 16:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3991179	.0619137	4.619214	-.096360	.0175896	118.2432
Stddev	.0034095	.0014894	.009819	.003190	.0007261	.5568
%RSD	.8542695	2.405524	.2125690	3.310567	4.128208	.4709042

#1	.3952142	.0630507	4.616897	-.098944	.0183460	118.8818
#2	.4006272	.0624626	4.610760	-.092795	.0175248	117.9881
#3	.4015124	.0602278	4.629984	-.097341	.0168980	117.8596

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.613658	.0255206	.0207295	203.1549	.2060087	.1909641
Stddev	.022173	.0004170	.0006478	1.8246	.0045526	.0004887
%RSD	.6135776	1.633780	3.125213	.8981315	2.209908	.2558986

#1	3.634143	.0252632	.0202103	205.0411	.2007534	.1915177
#2	3.616717	.0260017	.0205226	203.0248	.2087461	.1905925
#3	3.590115	.0252970	.0214555	201.3989	.2085267	.1907823

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4055568	745.3679	F 41.39037	40.50814	.1409854	.0041828
Stddev	.0032038	5.5400	.36866	.43278	.0005406	.0008185
%RSD	.7899638	.7432515	.8906953	1.068378	.3834646	19.56794

#1	.4089373	751.6439	41.80218	41.00073	.1411142	.0049007
#2	.4051677	743.3023	41.27783	40.33476	.1414499	.0032915
#3	.4025653	741.1575	41.09109	40.18893	.1403919	.0043562

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.867878	.4822030	13.04547	32.84321	13.12622	^ *****
Stddev	.149835	.0040202	.19538	.17656	.05847	-----
%RSD	3.873818	.8337213	1.497710	.5375988	.4454801	-----

#1	3.712611	.4867134	13.08646	33.02267	13.18714	^ -----
#2	3.879410	.4808988	13.21711	32.66969	13.07054	^ -----
#3	4.011614	.4789968	12.83285	32.83728	13.12098	^ -----

Sample Name: J1862-16 Acquired: 3/14/2018 16:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294880	7.326089	5.800881	.2705170	1.785525	.1772321
Stddev	.0002534	.010692	.066827	.0001460	.005180	.0005319
%RSD	.8591962	.1459496	1.152012	.0539825	.2901014	.3001027

#1	.0293228	7.336897	5.753000	.2706761	1.791257	.1770703
#2	.0293614	7.315516	5.877227	.2703891	1.784139	.1778261
#3	.0297797	7.325855	5.772415	.2704857	1.781179	.1767999

Elem	Sr4077
Units	ppm
Avg	.6271365
Stddev	.0030880
%RSD	.4923989

#1	.6306469
#2	.6259233
#3	.6248393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.984	5005.388	58107.23	8367.670	4353.653
Stddev	30.075	7.881	485.39	29.050	10.550
%RSD	1.232083	.1574548	.8353428	.3471691	.2423145

#1	2452.247	5002.405	58305.62	8337.794	4350.025
#2	2406.903	5014.326	57554.06	8369.400	4365.538
#3	2463.801	4999.434	58462.00	8395.817	4345.397

Sample Name: CCV043 Acquired: 3/14/2018 16:51:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	4.805722	4.743906	23.93141	4.785754	4.805651	388.0370
Stddev	.016095	.016956	.03550	.005052	.005443	2.1097
%RSD	.3349147	.3574192	.1483428	.1055591	.1132560	.5436797

#1	4.806383	4.755456	23.95406	4.782552	4.811673	389.8142
#2	4.821477	4.751822	23.89050	4.783133	4.804197	385.7055
#3	4.789307	4.724440	23.94968	4.791578	4.801083	388.5912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.266547	F .4477627	2.361496	368.5971	14.12722	2.400820
Stddev	.006560	.0017150	.004816	.3684	.04165	.004278
%RSD	.0707881	.3830155	.2039519	.0999410	.2948034	.1781810

#1	9.264356	.4489474	2.363729	369.0222	14.17529	2.401838
#2	9.273921	.4457961	2.355968	368.3988	14.10438	2.396126
#3	9.261362	.4485446	2.364790	368.3703	14.10199	2.404498

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21491	361.5673	F 13.40610	360.4843	2.387312	F 1.122453
Stddev	.00842	.5464	.02016	.7419	.002873	.001790
%RSD	.0592123	.1511093	.1503487	.2057972	.1203550	.1594381

#1	14.21830	361.1909	13.39598	359.8213	2.390127	1.124375
#2	14.20533	362.1940	13.42931	361.2855	2.387424	1.120834
#3	14.22110	361.3170	13.39302	360.3460	2.384384	1.122151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	362.4902	F 2.232784	F 12.62926	142.6866	4.902387	F 4.425031
Stddev	2.2324	.005685	.06838	.4711	.031405	.016061
%RSD	.6158501	.2545988	.5414569	.3301539	.6406121	.3629505

#1	364.7167	2.229778	12.65209	142.6392	4.902414	4.437743
#2	362.5019	2.239341	12.55239	142.2410	4.933778	4.406981
#3	360.2520	2.229234	12.68331	143.1796	4.870968	4.430368

Sample Name: CCV043 Acquired: 3/14/2018 16:51:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	4.688479	4.945575	4.405673	4.764216	4.756983	4.723586
Stddev	.005737	.023435	.019900	.012893	.038576	.020089
%RSD	.1223740	.4738645	.4516807	.2706209	.8109332	.4252941

#1	4.695098	4.942657	4.422004	4.776670	4.783284	4.746212
#2	4.684925	4.970333	4.383508	4.765052	4.712699	4.707843
#3	4.685414	4.923736	4.411506	4.750925	4.774965	4.716704

Elem	Sr4077
Units	ppm
Avg	4.772860
Stddev	.022951
%RSD	.4808656

#1	4.758970
#2	4.760259
#3	4.799351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.945	3204.387	38232.12	5640.947	3346.091
Stddev	7.879	13.910	45.57	27.063	12.635
%RSD	.5079958	.4340877	.1191842	.4797586	.3776037

#1	1555.300	3213.408	38201.84	5627.859	3353.311
#2	1555.684	3211.386	38284.53	5672.066	3353.461
#3	1541.850	3188.368	38210.00	5622.916	3331.502

Sample Name: CCB043 Acquired: 3/14/2018 16:55:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000368	.0019986	.0029379	-.001434	-.000530	.0106174	-.000683
Stddev	.000437	.0005841	.0009768	.001002	.000769	.0068103	.000487
%RSD	118.8382	29.22326	33.24641	69.86356	145.0810	64.14302	71.33261

#1	-.000868	.0020205	.0018547	-.001063	-.001049	.0176573	-.001237
#2	-.000180	.0014039	.0032076	-.000670	.000354	.0101322	-.000320
#3	-.000056	.0025714	.0037516	-.002567	-.000895	.0040626	-.000492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000649	.0002579	.0145102	.0002476	.0002803	-.000133	.0113721
Stddev	.0000114	.0000957	.0106377	.0000971	.0001228	.001869	.0030546
%RSD	17.50245	37.11866	73.31212	39.22237	43.82159	1402.394	26.86066

#1	.0000519	.0001499	.0117260	.0001402	.0001616	.001084	.0082429
#2	.0000700	.0003323	.0262631	.0002735	.0002724	-.002285	.0143462
#3	.0000728	.0002916	.0055414	.0003292	.0004069	.000801	.0115272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005658	.0372225	.0006797	.0002410	-.077132	-.001301	.0020598
Stddev	.0002634	.0279723	.0002137	.0001961	.112292	.001830	.0025738
%RSD	46.56209	75.14888	31.44304	81.39817	145.5854	140.7349	124.9562

#1	.0003043	.0664437	.0006217	.0001270	-.180181	.000789	.0000250
#2	.0005619	.0106939	.0005010	.0004674	-.093761	-.002070	.0012013
#3	.0008311	.0345298	.0009164	.0001284	.042548	-.002621	.0049531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.195510	-.000041	.0044890	.0007767	-.015087	-.000099	.0003444
Stddev	.043447	.000959	.0004501	.0003606	.002559	.001267	.0002556
%RSD	22.22255	2324.077	10.02686	46.43068	16.96254	1273.885	74.21963

#1	-.165473	.001061	.0048239	.0003797	-.015416	.000179	.0000576
#2	-.245328	-.000688	.0046658	.0010840	-.012379	-.001482	.0004273
#3	-.175728	-.000496	.0039773	.0008665	-.017465	.001005	.0005481

Sample Name: CCB043 Acquired: 3/14/2018 16:55:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001837	-.000303	.0001660
Stddev	.0014644	.000816	.0000903
%RSD	797.3572	269.0143	54.39318

#1	.0006019	-.000919	.0002226
#2	.0013934	-.000612	.0002136
#3	-.001444	.000622	.0000619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.900	4100.032	45271.17	6066.064	4865.889
Stddev	15.027	183.015	91.05	21.532	201.565
%RSD	.7674849	4.463749	.2011203	.3549643	4.142414

#1	1961.129	3980.663	45357.15	6049.264	4737.115
#2	1941.521	4008.695	45175.78	6058.591	4762.372
#3	1971.049	4310.739	45280.59	6090.338	5098.179

Sample Name: J1862-17 Acquired: 3/14/2018 16:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005644	.0246257	.7615123	-.083029	.0156984	118.9908	1.249009
Stddev	.0026454	.0012278	.0043721	.004221	.0002563	.1194	.006781
%RSD	2.630537	4.985790	.5741385	5.083473	1.632755	.1003769	.5428922

#1	.0996355	.0243269	.7663193	-.087359	.0159608	119.1287	1.243046
#2	.0985087	.0235749	.7577726	-.082801	.0154487	118.9232	1.256385
#3	.1035489	.0259753	.7604451	-.078927	.0156855	118.9204	1.247596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210747	-.005625	20.84631	.6396068	.1751191	.0645450	695.1880
Stddev	.0001649	.000071	.14052	.0027426	.0003555	.0014253	4.9672
%RSD	.7822784	1.270642	.6740693	.4287879	.2029884	2.208208	.7145049

#1	.0209573	-.005548	20.74589	.6419429	.1755122	.0644069	690.5397
#2	.0212632	-.005637	20.78616	.6402904	.1748202	.0631938	694.6022
#3	.0210036	-.005689	21.00690	.6365871	.1750248	.0660344	700.4220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83116	6.638392	.0600068	.0005526	1.643106	1.006211	1.319120
Stddev	.09606	.081740	.0002713	.0004813	.136881	.006349	.015648
%RSD	.6476956	1.231325	.4520483	87.09474	8.330605	.6310067	1.186245

#1	14.73567	6.586093	.0602292	.0006740	1.548484	1.000302	1.303918
#2	14.83003	6.596498	.0597046	.0000222	1.800059	1.005407	1.318264
#3	14.92778	6.732587	.0600867	.0009616	1.580776	1.012924	1.335179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2073429	3.686370	^ *****	.0083281	.9500646	4.738555	.0365140
Stddev	.0215335	.019136	-----	.0002738	.0070069	.059829	.0014828
%RSD	10.38544	.5190893	-----	3.287510	.7375189	1.262601	4.060956

#1	.2116668	3.681415	^ -----	.0081818	.9564409	4.800107	.0351647
#2	.2263863	3.670199	^ -----	.0081587	.9425632	4.734947	.0381015
#3	.1839756	3.707496	^ -----	.0086440	.9511898	4.680612	.0362759

Sample Name: J1862-17 Acquired: 3/14/2018 16:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8303542	.0429838	.1154882
Stddev	.0026957	.0013552	.0002897
%RSD	.3246470	3.152884	.2508783

#1	.8324835	.0418445	.1152078
#2	.8273232	.0444825	.1157864
#3	.8312559	.0426244	.1154704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.358	4270.962	49942.14	6880.513	4217.284
Stddev	10.366	24.219	150.73	42.895	20.921
%RSD	.4856700	.5670543	.3018041	.6234278	.4960727

#1	2138.970	4268.623	50001.39	6846.574	4208.904
#2	2122.486	4247.998	49770.79	6866.239	4201.853
#3	2141.617	4296.265	50054.23	6928.725	4241.096

Sample Name: J1862-18 Acquired: 3/14/2018 17:03:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1662501	.0213089	2.196549	-.079928	.0175874	98.27983	1.696115
Stddev	.0030083	.0018394	.009276	.007880	.0008409	.34785	.006342
%RSD	1.809487	8.631902	.4223145	9.859208	4.781223	.3539372	.3738980

#1	.1630417	.0205401	2.189862	-.071670	.0185427	98.15529	1.701480
#2	.1667015	.0234079	2.192647	-.080748	.0172605	98.67281	1.697750
#3	.1690072	.0199786	2.207139	-.087366	.0169591	98.01140	1.689117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227266	.0074068	89.80157	.4609003	.1736135	.4452829	665.6596
Stddev	.0005067	.0002614	.47779	.0017526	.0007304	.0042296	4.7997
%RSD	2.229449	3.528713	.5320455	.3802522	.4206909	.9498610	.7210437

#1	.0224338	.0073582	90.32022	.4622000	.1732714	.4404611	668.3499
#2	.0233117	.0071731	89.70512	.4615937	.1731169	.4470219	668.5108
#3	.0224345	.0076890	89.37936	.4589071	.1744521	.4483659	660.1182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.69756	17.88068	.0960740	.0022887	2.449296	.7154376	3.732045
Stddev	.09998	.17429	.0003794	.0007968	.115782	.0062495	.022544
%RSD	.7298797	.9747145	.3949274	34.81513	4.727140	.8735254	.6040758

#1	13.78744	17.89470	.0957548	.0027769	2.441064	.7218725	3.739577
#2	13.71537	18.04754	.0959737	.0027200	2.568974	.7093916	3.706699
#3	13.58988	17.69981	.0964935	.0013692	2.337850	.7150487	3.749859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.930916	5.835577	^ *****	.0109894	2.737997	5.400582	.0768521
Stddev	.049037	.020399	-----	.0004204	.010048	.037763	.0018912
%RSD	1.247469	.3495599	-----	3.825406	.3669736	.6992304	2.460878

#1	3.938657	5.825294	^ -----	.0108979	2.746400	5.393166	.0766576
#2	3.975622	5.859071	^ -----	.0114480	2.740723	5.441502	.0750656
#3	3.878469	5.822367	^ -----	.0106223	2.726867	5.367077	.0788331

Sample Name: J1862-18 Acquired: 3/14/2018 17:03:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.235438	.0696116	.3390146
Stddev	.002939	.0005772	.0012724
%RSD	.2378841	.8291399	.3753277

#1	1.232745	.0696104	.3390638
#2	1.238573	.0701894	.3402616
#3	1.234998	.0690350	.3377182

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.933	4427.935	51148.87	7218.860	4148.221
Stddev	5.046	19.370	34.38	58.778	12.834
%RSD	.2315616	.4374461	.0672173	.8142223	.3093736

#1	2180.268	4435.650	51129.02	7222.451	4155.526
#2	2183.178	4442.258	51129.03	7158.370	4155.735
#3	2173.355	4405.896	51188.57	7275.760	4133.403

Sample Name: J1862-19 Acquired: 3/14/2018 17:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1709933	.1140933	2.587020	-.058888	.0148238	109.9864
Stddev	.0024997	.0006513	.010026	.005691	.0013877	.3283
%RSD	1.461887	.5708113	.3875330	9.664334	9.360975	.2984823

#1	.1726485	.1144853	2.579198	-.065451	.0162424	110.1248
#2	.1681178	.1144531	2.583540	-.055316	.0147595	110.2229
#3	.1722136	.1133415	2.598322	-.055897	.0134694	109.6116

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.689796	.0194741	.0116212	124.1405	.3254674	.6948248
Stddev	.053379	.0001112	.0000932	.4851	.0013299	.0021388
%RSD	.5508815	.5709752	.8016793	.3907950	.4086007	.3078187

#1	9.648399	.0194133	.0117241	123.5830	.3255063	.6953989
#2	9.750042	.0194065	.0115426	124.3716	.3267774	.6924576
#3	9.670945	.0196024	.0115967	124.4669	.3241185	.6966180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3942721	603.8217	F 109.2603	25.16722	.1262808	-.004986
Stddev	.0027652	1.9751	1.2247	.08427	.0009508	.000085
%RSD	.7013325	.3271070	1.120858	.3348501	.7529485	1.696661

#1	.3974553	601.6960	108.5053	25.08640	.1269064	-.005061
#2	.3924648	604.1689	108.6022	25.16070	.1251867	-.004894
#3	.3928962	605.6003	110.6733	25.25457	.1267494	-.005002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025646	.6937582	3.731830	4.475656	5.029756	.0531273
Stddev	.104975	.0007292	.036603	.065333	.010047	.0036203
%RSD	5.182274	.1051045	.9808303	1.459750	.1997412	6.814320

#1	1.939837	.6941824	3.696734	4.484844	5.018470	.0519139
#2	1.994407	.6941760	3.769773	4.406215	5.033077	.0571985
#3	2.142694	.6929162	3.728984	4.535909	5.037722	.0502697

Sample Name: J1862-19 Acquired: 3/14/2018 17:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180627	3.808602	5.657252	.1052338	1.008601	.1100253
Stddev	.0003020	.012595	.039663	.0007071	.008145	.0004081
%RSD	1.671751	.3306999	.7010925	.6719556	.8075647	.3709323

#1	.0177957	3.795125	5.664280	.1059021	.999203	.1095730
#2	.0180020	3.810606	5.614545	.1053058	1.013623	.1101370
#3	.0183904	3.820075	5.692930	.1044934	1.012976	.1103660

Elem	Sr4077
Units	ppm
Avg	.3645754
Stddev	.0008587
%RSD	.2355295

#1	.3655608
#2	.3639871
#3	.3641784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.595	4455.299	51571.99	7258.321	4054.295
Stddev	8.587	28.089	69.17	16.119	18.589
%RSD	.3945050	.6304725	.1341325	.2220753	.4584977

#1	2185.464	4422.963	51621.05	7254.498	4032.848
#2	2175.999	4469.276	51492.87	7276.007	4065.756
#3	2168.321	4473.657	51602.05	7244.456	4064.282

Sample Name: J1862-20 Acquired: 3/14/2018 17:12:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2672041	.0189082	3.099050	-.040644	.0187266	100.4441	3.944324
Stddev	.0017256	.0013295	.004037	.004213	.0010159	.5476	.006910
%RSD	.6458053	7.031422	.1302628	10.36559	5.424724	.5452162	.1751871

#1	.2667187	.0193834	3.101751	-.036841	.0182577	100.8715	3.943213
#2	.2657731	.0174064	3.094409	-.045173	.0180299	100.6341	3.951722
#3	.2691204	.0199348	3.100990	-.039918	.0198923	99.8268	3.938037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152271	.0103363	76.46402	.3409861	.1303781	.7909010	383.9554
Stddev	.0000830	.0002712	.13349	.0015466	.0005369	.0037254	.6752
%RSD	.5449635	2.623356	.1745736	.4535619	.4118093	.4710290	.1758611

#1	.0151374	.0105710	76.45524	.3425326	.1306034	.7951553	383.4673
#2	.0152426	.0100395	76.60168	.3394394	.1297652	.7882224	384.7260
#3	.0153012	.0103985	76.33514	.3409865	.1307656	.7893252	383.6730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08914	8.814140	.1379748	.0037883	2.072175	.5538925	6.180938
Stddev	.00114	.018792	.0002377	.0001006	.071288	.0035852	.029511
%RSD	.0103224	.2132020	.1722474	2.655441	3.440228	.6472642	.4774578

#1	11.08799	8.835837	.1381219	.0037818	2.088019	.5552950	6.214572
#2	11.08916	8.803565	.1377006	.0036911	2.134207	.5565643	6.168862
#3	11.09028	8.803019	.1381019	.0038920	1.994298	.5498181	6.159380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.105187	18.75709	.1004060	.0201447	4.200119	3.613507	.2091545
Stddev	.012009	.10594	.0062240	.0005541	.012496	.051483	.0024101
%RSD	.2352400	.5648241	6.198847	2.750491	.2975185	1.424749	1.152303

#1	5.098329	18.77984	.0955317	.0204939	4.196714	3.580763	.2097073
#2	5.098177	18.84981	.0982694	.0204345	4.213965	3.672849	.2112402
#3	5.119054	18.64162	.1074169	.0195059	4.189678	3.586909	.2065160

Sample Name: J1862-20 Acquired: 3/14/2018 17:12:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.144931	.1474285	.9675206
Stddev	.008971	.0006179	.0025859
%RSD	.7835817	.4191313	.2672693

#1	1.148137	.1478908	.9686881
#2	1.151858	.1476680	.9693168
#3	1.134796	.1467267	.9645568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.479	4465.966	50787.27	7149.571	4315.378
Stddev	4.269	3.536	107.59	40.511	8.820
%RSD	.1966689	.0791836	.2118413	.5666275	.2043948

#1	2171.506	4465.557	50846.74	7145.062	4311.097
#2	2165.791	4469.689	50663.07	7111.502	4325.523
#3	2174.141	4462.652	50851.99	7192.148	4309.517

Sample Name: J1862-21 Acquired: 3/14/2018 17:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3298876	.0380657	5.693141	-.052081	.0190187	104.5405
Stddev	.0015458	.0015772	.023546	.002411	.0015327	.2413
%RSD	.4685954	4.143466	.4135782	4.629211	8.059007	.2308592

#1	.3309544	.0398595	5.681342	-.054430	.0203802	104.6750
#2	.3281148	.0374416	5.677827	-.052201	.0193173	104.6846
#3	.3305936	.0368960	5.720253	-.049613	.0173587	104.2619

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.573367	.0187922	.0320913	116.7623	.3266276	.2887802
Stddev	.007762	.0001589	.0003627	.2990	.0016108	.0014438
%RSD	.1697206	.8456142	1.130075	.2561093	.4931687	.4999575

#1	4.564571	.0189204	.0316726	117.0897	.3260830	.2877106
#2	4.579253	.0188419	.0322930	116.5035	.3253598	.2882075
#3	4.576278	.0186144	.0323083	116.6938	.3284402	.2904224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.032696	472.0997	F 33.43531	17.92907	.1826842	.0025826
Stddev	.006025	1.8528	.14574	.13170	.0013861	.0002267
%RSD	.5834131	.3924561	.4358974	.7345851	.7587652	8.777722

#1	1.039398	474.1388	33.60359	18.06430	.1830690	.0024267
#2	1.030960	471.6408	33.34918	17.92170	.1811464	.0024784
#3	1.027730	470.5195	33.35317	17.80121	.1838374	.0028426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.764893	.5578807	8.234135	8.043782	18.19629	.1055799
Stddev	.135715	.0019626	.052204	.025740	.08750	.0076525
%RSD	4.908513	.3517870	.6339920	.3200020	.4808597	7.248043

#1	2.754047	.5582627	8.294118	8.034605	18.13254	.1074229
#2	2.905705	.5596241	8.198975	8.072853	18.29604	.0971743
#3	2.634925	.5557552	8.209311	8.023887	18.16029	.1121426

Sample Name: J1862-21 Acquired: 3/14/2018 17:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259689	6.620945	4.224138	.2319711	1.419226	.1334750
Stddev	.0001220	.035372	.061555	.0026606	.004070	.0004188
%RSD	.4698353	.5342467	1.457222	1.146969	.2867876	.3137530

#1	.0258541	6.588591	4.265796	.2304792	1.422593	.1330310
#2	.0259556	6.658712	4.253184	.2303911	1.420382	.1338629
#3	.0260970	6.615533	4.153435	.2350429	1.414703	.1335311

Elem	Sr4077
Units	ppm
Avg	.8564758
Stddev	.0012819
%RSD	.1496716

#1	.8574389
#2	.8569677
#3	.8550208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.835	4419.015	50626.30	7172.007	4111.171
Stddev	16.027	21.226	168.81	46.957	15.249
%RSD	.7451428	.4803360	.3334461	.6547217	.3709085

#1	2132.717	4428.371	50449.41	7147.876	4116.497
#2	2156.626	4433.956	50643.82	7142.023	4123.043
#3	2163.161	4394.718	50785.67	7226.123	4093.974

Sample Name: J1862-22 Acquired: 3/14/2018 17:19:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2819099	.0171686	7.415143	-.080917	.0005942	100.4816	5.131813
Stddev	.0008379	.0043326	.020354	.006200	.0014275	.0259	.019687
%RSD	.2972322	25.23570	.2744873	7.661817	240.2165	.0257515	.3836281

#1	.2825814	.0170559	7.402706	-.075785	.0017303	100.4701	5.154544
#2	.2821774	.0128934	7.404092	-.079161	-.001008	100.4635	5.120253
#3	.2809709	.0215565	7.438632	-.087805	.001060	100.5113	5.120641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196300	.0085546	99.58898	.4161943	.1098657	.8480393	678.7372
Stddev	.0002724	.0002217	.42707	.0004100	.0001674	.0021014	3.2782
%RSD	1.387788	2.591185	.4288314	.0985202	.1523498	.2477913	.4829836

#1	.0194777	.0084860	100.0663	.4165956	.1097188	.8500879	682.5004
#2	.0199445	.0083754	99.4578	.4157761	.1100479	.8481411	677.2100
#3	.0194679	.0088025	99.2429	.4162114	.1098305	.8458889	676.5013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.868599	8.645816	.2507393	.0033245	3.716120	.3432805	5.922513
Stddev	.024243	.039526	.0001667	.0007757	.059330	.0021012	.040906
%RSD	.4130940	.4571709	.0664973	23.33259	1.596563	.6120798	.6906942

#1	5.895909	8.617723	.2507416	.0039176	3.729887	.3455938	5.958825
#2	5.860267	8.691014	.2505714	.0024467	3.767356	.3414904	5.930520
#3	5.849620	8.628711	.2509049	.0036092	3.651116	.3427573	5.878196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.053210	13.34258	^ *****	.0433620	4.760376	5.499288	4.781042
Stddev	.021706	.02626	-----	.0003868	.006285	.049779	.013661
%RSD	.2695351	.1968259	-----	.8921007	.1320272	.9051877	.2857322

#1	8.064231	13.33666	^ -----	.0435338	4.758497	5.496301	4.766880
#2	8.028204	13.37130	^ -----	.0429190	4.767386	5.550494	4.782107
#3	8.067194	13.31979	^ -----	.0436331	4.755245	5.451070	4.794140

Sample Name: J1862-22 Acquired: 3/14/2018 17:19:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.999195	.1417177	1.807214
Stddev	.001924	.0008729	.004190
%RSD	.0962376	.6159338	.2318221

#1	1.998015	.1427192	1.809581
#2	2.001415	.1413150	1.802376
#3	1.998155	.1411188	1.809684

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.916	4362.411	50099.93	7106.268	4154.393
Stddev	20.827	13.866	197.33	16.856	9.368
%RSD	.9852561	.3178588	.3938799	.2371956	.2254899

#1	2091.427	4378.153	49889.69	7088.331	4164.066
#2	2117.778	4357.075	50128.96	7108.695	4153.749
#3	2132.542	4352.006	50281.14	7121.779	4145.364

Sample Name: PB107352BL Acquired: 3/14/2018 17:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	-.001141	.0007729	.0004881	-.003096	-.001443	.0055494	-.000717
Stddev	.002247	.0006119	.0011377	.002458	.001054	.0045514	.000179
%RSD	197.0283	79.16049	233.0840	79.39140	73.03638	82.01496	24.94589

#1	-.002315	.0009096	.0015272	-.000531	-.002591	.0006476	-.000687
#2	-.002557	.0013049	-.000728	-.003327	-.000519	.0063590	-.000910
#3	.001450	.0001043	.000665	-.005431	-.001219	.0096416	-.000556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000772	.0000710	-.001895	.0001774	-.000006	-.001543	.0074352
Stddev	.0000427	.0000465	.010531	.0002193	.000102	.000427	.0041698
%RSD	55.28131	65.53542	555.5793	123.6177	1811.979	27.68135	56.08137

#1	.0001123	.0000654	-.011079	.0004092	-.000039	-.001688	.0090244
#2	.0000896	.0000275	-.004207	.0001501	-.000087	-.001062	.0105767
#3	.0000297	.0001200	.009599	-.000027	.000109	-.001878	.0027045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000892	-.002858	.0003823	.0001512	.0739696	.0017605	.0040510
Stddev	.0003478	.018516	.0003634	.0000591	.0282335	.0041281	.0025076
%RSD	389.9014	647.9096	95.05211	39.10444	38.16907	234.4836	61.89996

#1	.0001785	.003441	.0004978	.0000998	.1013951	.0017609	.0059018
#2	-.000295	.011687	-.000025	.0002158	.0755215	.0058883	.0011972
#3	.000384	-.023701	.000674	.0001381	.0449921	-.002368	.0050540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.284876	-.000694	-.001430	.0000275	-.015166	-.000751	.0002557
Stddev	.050925	.000418	.000249	.0002428	.002773	.000312	.0001398
%RSD	17.87625	60.28264	17.39891	883.2073	18.28328	41.56421	54.66207

#1	-.312480	-.001167	-.001523	-.000250	-.012444	-.001104	.0003424
#2	-.316039	-.000540	-.001620	.000199	-.015068	-.000642	.0003303
#3	-.226108	-.000374	-.001148	.000134	-.017987	-.000508	.0000945

Sample Name: PB107352BL Acquired: 3/14/2018 17:26:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0002276	-.002911	-.000044
Stddev	.0002510	.001129	.000034
%RSD	110.2759	38.76361	76.69016

#1	.0002442	-.001811	-.000080
#2	.0004699	-.004066	-.000012
#3	-.000031	-.002857	-.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.739	4015.475	45391.61	6125.677	4775.827
Stddev	11.363	21.293	127.04	20.424	25.263
%RSD	.5839766	.5302709	.2798770	.3334238	.5289725

#1	1940.118	4023.546	45363.82	6140.640	4788.851
#2	1938.284	4031.552	45280.76	6133.983	4791.921
#3	1958.817	3991.326	45530.24	6102.408	4746.710

Sample Name: PB107352BS Acquired: 3/14/2018 17:41:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0211894	.0494798	.0185798	.0662592	.1085308	.4105938
Stddev	.0018173	.0008435	.0004497	.0014726	.0008974	.0069098
%RSD	8.576555	1.704834	2.420222	2.222439	.8268943	1.682870

#1	.0190912	.0494009	.0183568	.0664981	.1095644	.4185578
#2	.0222636	.0486785	.0190974	.0646818	.1080782	.4070322
#3	.0222136	.0503601	.0182853	.0675978	.1079498	.4061916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3820788	.0096123	.0099230	9.848785	.0214037	.0944983
Stddev	.0038393	.0000739	.0000988	.018805	.0004091	.0003474
%RSD	1.004836	.7690379	.9957242	.1909385	1.911436	.3676597

#1	.3853687	.0096933	.0099372	9.865343	.0218405	.0947446
#2	.3830072	.0095485	.0098178	9.828341	.0213410	.0941009
#3	.3778605	.0095951	.0100139	9.852672	.0210295	.0946493

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511130	.2035447	.0300065	9.166121	.0707027	.0144189
Stddev	.0010668	.0095110	.0007329	.026289	.0002980	.0003352
%RSD	2.087177	4.672705	2.442389	.2868087	.4215262	2.324742

#1	.0514550	.2129215	.0292157	9.193022	.0706733	.0144116
#2	.0499171	.2038078	.0301409	9.140490	.0704204	.0140874
#3	.0519669	.1939048	.0306628	9.164851	.0710143	.0147577

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46943	.0932316	.1156215	9.184496	F .0294663	F .1181815
Stddev	.10564	.0010479	.0059887	.051629	.0006116	.0017965
%RSD	1.008999	1.123991	5.179539	.5621304	2.075530	1.520110

#1	10.47825	.0943956	.1123862	9.134790	.0290015	.1197031
#2	10.57038	.0929357	.1119462	9.180843	.0292382	.1186417
#3	10.35966	.0923634	.1225319	9.237854	.0301591	.1161996

Sample Name: PB107352BS Acquired: 3/14/2018 17:41:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) 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	.0196811	.1655517	.1820394	F .0125309	.1952775	.0919661
Stddev	.0001649	.0045294	.0006697	.0007418	.0011476	.0011512
%RSD	.8376522	2.735932	.3678836	5.920183	.5876723	1.251715

#1	.0198702	.1609094	.1818104	.0128543	.1962260	.0930558
#2	.0195676	.1699591	.1827936	.0116822	.1956046	.0920805
#3	.0196054	.1657865	.1815143	.0130561	.1940019	.0907620

Elem	Sr4077
Units	ppm
Avg	.1963299
Stddev	.0008120
%RSD	.4135898

#1	.1972673
#2	.1958766
#3	.1958457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.745	3843.987	43064.38	5849.296	4384.330
Stddev	30.642	37.556	290.86	17.283	31.851
%RSD	1.641454	.9770141	.6754076	.2954739	.7264766

#1	1902.105	3801.525	43400.19	5829.520	4349.332
#2	1850.137	3872.848	42891.27	5861.507	4411.620
#3	1847.992	3857.587	42901.69	5856.860	4392.037

Sample Name: J1863-01 Acquired: 3/14/2018 17:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3094656	.0048137	5.845551	-.051484	.0123697	126.1413	6.039361
Stddev	.0020903	.0030314	.012197	.001798	.0008447	.5885	.007236
%RSD	.6754599	62.97443	.2086508	3.491798	6.828646	.4665756	.1198219

#1	.3084224	.0048390	5.851695	-.053289	.0120401	125.4642	6.031057
#2	.3081022	.0078324	5.831504	-.051467	.0133295	126.5306	6.044313
#3	.3118722	.0017698	5.853453	-.049694	.0117395	126.4291	6.042714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183612	.0275158	120.4758	.2195631	.1267823	.7464903	394.4177
Stddev	.0002317	.0000865	.2908	.0017855	.0003947	.0018792	2.5920
%RSD	1.261833	.3144275	.2413647	.8132200	.3113064	.2517372	.6571734

#1	.0183410	.0274895	120.7085	.2175285	.1268594	.7453928	397.2511
#2	.0181402	.0276124	120.1498	.2208692	.1263547	.7486602	392.1658
#3	.0186023	.0274455	120.5691	.2202916	.1271326	.7454180	393.8362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98203	12.51577	.2358608	-.027008	7.170909	.3236241	7.958349
Stddev	.06094	.11144	.0005949	.000101	.065778	.0043724	.076048
%RSD	.5548682	.8903686	.2522314	.3729246	.9172919	1.351063	.9555706

#1	11.04795	12.62624	.2363258	-.026921	7.242254	.3195692	8.010542
#2	10.92776	12.40339	.2351904	-.027118	7.157803	.3282565	7.993410
#3	10.97040	12.51768	.2360662	-.026985	7.112671	.3230466	7.871096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.95676	16.78574	.7586370	.0360459	6.053363	5.079289	1.470685
Stddev	.02714	.07689	.0083478	.0003078	.029126	.040238	.005577
%RSD	.0617500	.4580818	1.100369	.8538266	.4811536	.7922040	.3792309

#1	43.98439	16.86172	.7682109	.0356934	6.084594	5.054863	1.474474
#2	43.93013	16.78754	.7548199	.0362610	6.048555	5.057272	1.464281
#3	43.95576	16.70796	.7528802	.0361834	6.026941	5.125731	1.473300

Sample Name: J1863-01 Acquired: 3/14/2018 17:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.258163	.1405537	1.763191
Stddev	.012702	.0004091	.001908
%RSD	.5625076	.2910314	.1082338

#1	2.243654	.1407530	1.761324
#2	2.267280	.1400832	1.765138
#3	2.263556	.1408250	1.763111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.773	4630.198	52931.66	7423.945	4022.475
Stddev	34.609	9.706	395.45	39.449	12.442
%RSD	1.519437	.2096259	.7470949	.5313689	.3093212

#1	2238.052	4623.254	52477.75	7431.717	4013.286
#2	2301.438	4641.289	53115.52	7458.929	4036.634
#3	2293.831	4626.051	53201.70	7381.189	4017.505

Sample Name: J1863-02 Acquired: 3/14/2018 17:49:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .2582465	s -.002373	s 4.783648	s -.051895	s .0098311	k 120.1973
Stddev	.0768386	.013615	1.654943	.009015	.0033152	.2744
%RSD	29.75396	573.7415	34.59583	17.37148	33.72154	.2282883

#1	.3042106	.006518	5.817545	-.046300	.0124170	119.9094
#2	.3009885	.004410	5.658507	-.047091	.0109826	120.4558
#3	s .1695405	s -.018047	s 2.874892	s -.062294	s .0060937	k 120.2267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.957964	k .0189394	s .0243243	k 122.0559	k .2360964	s .1061789
Stddev	.011390	.0001295	.0036740	1.3956	.0269449	.0360229
%RSD	.1911736	.6838810	15.10427	1.143449	11.41269	33.92659

#1	5.971114	.0190830	.0267543	121.4330	.2195114	.1281455
#2	5.951594	.0189039	.0261209	121.0801	.2215912	.1257855
#3	5.951185	k .0188313	s .0200977	k 123.6545	k .2671866	s .0646056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7336300	k 394.7945	k 11.21814	12.36044	s .2030769	k -.033377
Stddev	.0157576	1.6222	.04024	.04696	.0691387	.010685
%RSD	2.147897	.4108939	.3586631	.3798995	34.04559	32.01459

#1	.7416783	396.0060	11.24729	12.38382	.2458875	-.027313
#2	.7437381	392.9515	11.17223	12.30639	.2400292	-.027102
#3	k .7154736	k 395.4259	k 11.23489	12.39113	s .1233141	k -.045715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.902871	k .3197571	k 7.738789	35.88125	s 13.61602	k .4204400
Stddev	.177560	.0028067	.137261	.04585	4.89828	.5814825
%RSD	2.572268	.8777539	1.773678	.1277778	35.97441	138.3033

#1	7.013953	.3181642	7.607287	35.86043	16.58016	.7574986
#2	6.698088	.3229978	7.727917	35.84950	16.30572	.7548178
#3	6.996572	k .3181093	k 7.881163	35.93381	s 7.96219	k -.250996

Sample Name: J1863-02 Acquired: 3/14/2018 17:49:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .0302868	s 4.940739	k 4.961566	s 1.190955	k 2.185084	k .1353556
Stddev	.0093377	1.798622	.059065	.416529	.006498	.0033495
%RSD	30.83084	36.40390	1.190457	34.97433	.2973640	2.474568

#1	.0362746	6.044797	5.029596	1.444335	2.181052	.1380485
#2	.0350582	5.912138	4.923357	1.418306	2.192580	.1364134
#3	s .0195274	s 2.865282	k 4.931743	s .710224	k 2.181620	k .1316050

Elem	Sr4077
Units	ppm
Avg	1.758679
Stddev	.001564
%RSD	.0889192

#1	1.760457
#2	1.757514
#3	1.758067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.735	^ *****	53616.97	7488.938	^ *****
Stddev	16.894	-----	143.25	15.281	-----
%RSD	.7333408	-----	.2671665	.2040433	-----

#1	2314.400	4675.825	53779.89	7474.011	4033.757
#2	2312.549	4759.961	53560.25	7504.549	4121.321
#3	2284.257	^ -----	53510.76	7488.253	^ -----

Sample Name: J1863-03 Acquired: 3/14/2018 17:52:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3681130	.0943523	5.976869	.0318073	.1657424	130.8127	9.165024
Stddev	.0037586	.0034385	.016397	.0008488	.0007303	.1822	.113709
%RSD	1.021050	3.644341	.2743459	2.668515	.4406086	.1392587	1.240688

#1	.3717927	.0920042	5.959456	.0325876	.1650453	130.6024	9.296234
#2	.3682662	.0927537	5.979136	.0319308	.1656802	130.9167	9.103631
#3	.3642802	.0982991	5.992015	.0309036	.1665018	130.9191	9.095206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915317	.1282186	123.0766	.5358934	1.118291	1.128674	409.2502
Stddev	.0004225	.0002248	.0910	.0014381	.002577	.005711	2.3858
%RSD	.4616069	.1753409	.0739231	.2683611	.2304054	.5060237	.5829746

#1	.0915701	.1281170	123.1649	.5342329	1.115713	1.122690	411.2633
#2	.0919337	.1284763	122.9832	.5367087	1.118294	1.129265	409.8723
#3	.0910913	.1280625	123.0818	.5367386	1.120866	1.134066	406.6149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83380	12.99749	1.131245	.0440094	7.542253	1.045940	9.101784
Stddev	.04515	.04713	.001269	.0005724	.128762	.004147	.116210
%RSD	.3814962	.3625907	.1121549	1.300704	1.707211	.3964724	1.276786

#1	11.87702	13.02472	1.132685	.0436340	7.415649	1.046414	8.985341
#2	11.83743	13.02468	1.130756	.0446683	7.673070	1.049829	9.102251
#3	11.78694	12.94307	1.130293	.0437260	7.538040	1.041576	9.217760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.89688	16.82308	.7885712	.0355602	6.065637	5.315299	1.501520
Stddev	.04165	.06743	.0064138	.0004155	.030194	.023446	.008543
%RSD	.0851734	.4007893	.8133469	1.168354	.4977842	.4410957	.5689742

#1	48.93553	16.78791	.7942226	.0360384	6.039891	5.293058	1.492155
#2	48.90235	16.78052	.7898906	.0353540	6.058150	5.339788	1.503516
#3	48.85277	16.90082	.7816002	.0352881	6.098870	5.313052	1.508888

Sample Name: J1863-03 Acquired: 3/14/2018 17:52:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.264264	.1423412	1.744898
Stddev	.005700	.0010953	.003152
%RSD	.2517478	.7694933	.1806437

#1	2.260398	.1410853	1.745529
#2	2.261585	.1428396	1.747687
#3	2.270811	.1430986	1.741478

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.604	4465.880	50246.11	7205.553	3850.927
Stddev	9.483	30.193	79.05	28.714	17.658
%RSD	.4440335	.6760812	.1573352	.3984930	.4585299

#1	2146.450	4431.734	50336.77	7172.671	3832.106
#2	2131.482	4489.047	50210.09	7218.314	3867.129
#3	2128.880	4476.860	50191.49	7225.674	3853.546

Sample Name: J1863-01LX5 Acquired: 3/14/2018 17:57:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655429	.0043095	1.055282	-.005360	.0018949	26.21727	1.293410
Stddev	.0005101	.0018698	.004835	.001974	.0010048	.99910	.042645
%RSD	.7782845	43.38862	.4581369	36.82966	53.02357	3.810842	3.297074

#1	.0660806	.0035941	1.052726	-.005484	.0030243	26.26617	1.297370
#2	.0654823	.0064314	1.052263	-.003327	.0011003	27.19103	1.333936
#3	.0650658	.0029030	1.060859	-.007270	.0015602	25.19463	1.248923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043054	.0043152	27.00040	.0466522	.0220781	.1596090	89.93890
Stddev	.0001238	.0001132	.99180	.0003389	.0000608	.0081011	3.45220
%RSD	2.875920	2.622274	3.673263	.7263873	.2753577	5.075588	3.838383

#1	.0042738	.0042613	27.11531	.0470433	.0221318	.1608986	90.79365
#2	.0044419	.0042391	27.92973	.0464463	.0220121	.1669880	92.88343
#3	.0042004	.0044453	25.95615	.0464669	.0220904	.1509405	86.13962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.496480	2.806609	.0422773	-.008434	2.965971	.0690791	1.618804
Stddev	.103044	.116538	.0002332	.000262	.057158	.0022096	.031583
%RSD	4.127558	4.152266	.5516227	3.111406	1.927137	3.198661	1.951023

#1	2.521925	2.856613	.0420813	-.008516	2.903806	.0689866	1.599613
#2	2.584417	2.889801	.0422155	-.008140	2.977851	.0713336	1.655256
#3	2.383097	2.673414	.0425352	-.008645	3.016255	.0669173	1.601542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.877753	2.898647	.1728248	.0073383	1.017080	1.165955	.2586384
Stddev	.439234	.014861	.0076805	.0000265	.009477	.050121	.0023593
%RSD	4.947580	.5126813	4.444115	.3609161	.9317732	4.298670	.9121938

#1	8.958881	2.882460	.1742017	.0073267	1.009281	1.168701	.2566073
#2	9.270768	2.901806	.1797237	.0073686	1.014331	1.214646	.2580817
#3	8.403611	2.911674	.1645489	.0073196	1.027627	1.114518	.2612263

Sample Name: J1863-01LX5 Acquired: 3/14/2018 17:57:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4805964	.0280856	.3780350
Stddev	.0159780	.0003679	.0151331
%RSD	3.324619	1.309932	4.003099

#1	.4826458	.0278069	.3801155
#2	.4954507	.0279473	.3920202
#3	.4636925	.0285026	.3619693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.368	4209.270	46774.97	6129.394	4464.127
Stddev	32.665	15.163	511.97	203.804	16.613
%RSD	1.610430	.3602329	1.094534	3.325030	.3721448

#1	2041.461	4219.703	46771.30	6102.579	4479.186
#2	1991.187	4216.230	46264.84	5940.325	4466.887
#3	2052.455	4191.876	47288.76	6345.279	4446.306

Sample Name: CCV044 Acquired: 3/14/2018 18:01:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.905503	4.660824	25.18875	4.899782	4.885571	370.9704
Stddev	.028079	.015138	.10908	.018400	.026168	1.8505
%RSD	.5724021	.3247937	.4330510	.3755186	.5356214	.4988300

#1	4.892545	4.657009	25.10575	4.884578	4.876154	370.5363
#2	4.886242	4.647958	25.14820	4.894531	4.865414	369.3755
#3	4.937721	4.677504	25.31230	4.920236	4.915144	372.9994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.796469	.4646153	2.502703	F 355.6214	14.47996	2.529341
Stddev	.040593	.0058720	.011018	1.0246	.04398	.013000
%RSD	.4143610	1.263833	.4402440	.2881221	.3037362	.5139549

#1	9.780328	.4628984	2.493644	354.4445	14.48008	2.516309
#2	9.766430	.4597932	2.499495	356.3150	14.52388	2.529408
#3	9.842649	.4711544	2.514968	356.1046	14.43592	2.542308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38295	F 347.3241	13.64001	F 356.6573	2.317079	1.127158
Stddev	.04205	1.6528	.05583	1.8865	.012027	.006877
%RSD	.2923366	.4758703	.4092860	.5289322	.5190385	.6101282

#1	14.36412	345.8200	13.58540	354.7961	2.306261	1.128107
#2	14.35361	349.0935	13.69697	358.5681	2.314947	1.119856
#3	14.43112	347.0587	13.63766	356.6077	2.330029	1.133512

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 329.8348	F 2.146988	F 12.56763	145.3177	5.149303	5.117196
Stddev	2.4583	.007483	.17668	.6476	.017435	.044407
%RSD	.7453276	.3485366	1.405810	.4456143	.3385926	.8677961

#1	329.7947	2.154187	12.68619	145.0754	5.131978	5.095488
#2	327.3968	2.139250	12.36457	144.8263	5.149083	5.087820
#3	332.3130	2.147527	12.65212	146.0515	5.166846	5.168282

Sample Name: CCV044 Acquired: 3/14/2018 18:01:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799546	5.213033	4.556651	5.023074	4.822444	4.822428
Stddev	.025572	.012893	.055284	.014860	.033591	.017552
%RSD	.5327911	.2473161	1.213268	.2958420	.6965494	.3639757

#1	4.786506	5.198546	4.540586	5.010273	4.831486	4.807906
#2	4.783123	5.217308	4.511179	5.019578	4.785257	4.817445
#3	4.829009	5.223246	4.618189	5.039370	4.850587	4.841933

Elem	Sr4077
Units	ppm
Avg	4.872605
Stddev	.045527
%RSD	.9343416

#1	4.820220
#2	4.894991
#3	4.902605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1573.098	3275.540	38646.99	5672.249	3333.974
Stddev	11.841	14.002	32.36	20.148	12.271
%RSD	.7527289	.4274842	.0837234	.3552048	.3680457

#1	1571.393	3283.418	38653.55	5692.160	3345.218
#2	1585.699	3283.828	38675.57	5672.716	3335.818
#3	1562.201	3259.373	38611.86	5651.872	3320.885

Sample Name: CCB044 Acquired: 3/14/2018 18:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003602	.0011080	.0001998	.0002993	-.000194	.0121896	.0004917
Stddev	.0018061	.0010643	.0006384	.0028808	.001101	.0085675	.0005271
%RSD	501.4861	96.05394	319.5234	962.3716	567.2901	70.28518	107.1977

#1	.0018971	.0021420	.0008967	.0002263	.000044	.0088227	.0010885
#2	.0008125	.0011663	.0000594	.0032160	-.001395	.0219290	.0000904
#3	-.001629	.0000158	-.000357	-.002544	.000769	.0058170	.0002961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0001358	.0131222	.0002271	-.000080	.0018002	.0139419
Stddev	.000062	.0000229	.0112223	.0003606	.000061	.0004318	.0059803
%RSD	266.3704	16.82647	85.52167	158.8237	75.99499	23.98880	42.89437

#1	-.000058	.0001413	.0232905	.0006075	-.000088	.0022865	.0111645
#2	-.000061	.0001107	.0149946	-.000110	-.000016	.0016524	.0208059
#3	.000049	.0001554	.0010814	.000183	-.000136	.0014616	.0098554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004243	.0091054	-.000567	-.003753	1.847704	.0020121	.0002678
Stddev	.0003062	.0420468	.000426	.000061	.165084	.0007904	.0024350
%RSD	72.16548	461.7807	75.13258	1.627163	8.934570	39.28016	909.1492

#1	.0007289	.0564045	-.000996	-.003823	1.705616	.0029240	-.000599
#2	.0004274	-.005056	-.000559	-.003726	2.028799	.0015236	-.001615
#3	.0001166	-.024032	-.000145	-.003710	1.808697	.0015888	.003018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082442	.0005821	.0046401	.0003923	-.013193	-.000651	.0007189
Stddev	.093158	.0007691	.0002928	.0001593	.003675	.000348	.0006988
%RSD	112.9975	132.1373	6.310420	40.60762	27.85580	53.41096	97.19874

#1	-.189207	.0009200	.0044006	.0002593	-.011643	-.000877	.0014398
#2	-.040428	.0011244	.0049665	.0003487	-.017389	-.000251	.0006725
#3	-.017691	-.000298	.0045531	.0005688	-.010547	-.000824	.0000445

Sample Name: CCB044 Acquired: 3/14/2018 18:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002616	-.001043	.0001415
Stddev	.0005364	.000345	.0000192
%RSD	205.0011	33.03755	13.55938

#1	-.000311	-.000902	.0001636
#2	.000345	-.001435	.0001317
#3	.000752	-.000791	.0001292

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.618	4017.488	44558.66	5998.541	4638.846
Stddev	18.166	11.579	175.73	26.331	16.527
%RSD	.9389725	.2882037	.3943818	.4389570	.3562664

#1	1928.823	4026.424	44426.20	6005.765	4645.156
#2	1920.057	4021.633	44491.77	5969.353	4651.289
#3	1954.974	4004.408	44758.02	6020.507	4620.094

Sample Name: J1863-02 Acquired: 3/14/2018 18:09:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3070355	.0059133	5.886814	-.045720	.0134535	116.4058	6.092454
Stddev	.0023503	.0005428	.022751	.001098	.0021427	.2581	.025693
%RSD	.7654872	9.179751	.3864683	2.400928	15.92652	.2217012	.4217210

#1	.3043696	.0065117	5.891052	-.044970	.0154511	116.1081	6.113514
#2	.3088085	.0054526	5.862243	-.046980	.0137190	116.5438	6.100020
#3	.3079283	.0057756	5.907148	-.045211	.0111905	116.5656	6.063827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192422	.0267725	124.3548	.2248662	.1321108	.7631712	402.4467
Stddev	.0000664	.0001996	.1387	.0006808	.0005426	.0031623	.8455
%RSD	.3451969	.7455319	.1115275	.3027769	.4107212	.4143683	.2100987

#1	.0191754	.0267906	124.5048	.2241433	.1327199	.7647541	403.3640
#2	.0192431	.0265645	124.3282	.2249601	.1319337	.7652294	401.6984
#3	.0193082	.0269625	124.2313	.2254953	.1316789	.7595299	402.2778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.75003	12.48485	.2614110	-.027727	6.588486	.3233920	7.533344
Stddev	.02877	.05428	.0013127	.000483	.208711	.0014210	.096009
%RSD	.2448472	.4347479	.5021562	1.742378	3.167818	.4393899	1.274452

#1	11.77774	12.46686	.2620145	-.028271	6.402590	.3242674	7.575773
#2	11.72031	12.44185	.2599051	-.027562	6.814259	.3217525	7.600828
#3	11.75204	12.54584	.2623134	-.027349	6.548609	.3241562	7.423430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.12927	17.00638	.7659825	.0374137	6.237570	4.847198	1.451293
Stddev	.04416	.13301	.0043344	.0001479	.043120	.065936	.005634
%RSD	.1570007	.7821268	.5658633	.3951899	.6912894	1.360298	.3881918

#1	28.13585	16.89628	.7694148	.0375826	6.203636	4.846039	1.449965
#2	28.16977	16.96868	.7674211	.0373504	6.222983	4.781849	1.446442
#3	28.08218	17.15417	.7611117	.0373080	6.286091	4.913707	1.457472

Sample Name: J1863-02 Acquired: 3/14/2018 18:09:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAME9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.154564	.1364185	1.800229
Stddev	.005150	.0009734	.001865
%RSD	.2390121	.7134997	.1036108

#1	2.155911	.1353638	1.798104
#2	2.148874	.1366096	1.801594
#3	2.158906	.1372821	1.800989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.842	4679.275	53200.16	7461.512	3994.219
Stddev	26.623	9.855	459.30	15.782	13.497
%RSD	1.168772	.2106000	.8633511	.2115164	.3379155

#1	2257.940	4678.582	52898.37	7456.871	3991.152
#2	2267.504	4689.458	52973.36	7479.094	4008.986
#3	2308.084	4669.785	53728.75	7448.570	3982.519

Sample Name: J1863-04 Acquired: 3/14/2018 18:12:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3387421	-.003326	5.487217	-.059097	.0119008	109.7988	7.050596
Stddev	.0030573	.001164	.038781	.003065	.0009193	1.6440	.075342
%RSD	.9025422	34.99348	.7067596	5.186497	7.724424	1.497257	1.068590

#1	.3373113	-.004200	5.461439	-.062060	.0128884	108.9071	6.965719
#2	.3366626	-.003772	5.468395	-.059292	.0117439	108.7933	7.076500
#3	.3422524	-.002005	5.531818	-.055939	.0110701	111.6960	7.109569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219666	.0173230	167.3691	.2704298	.1322183	.7541987	484.8261
Stddev	.0002336	.0000632	1.9956	.0027086	.0007068	.0175741	7.5704
%RSD	1.063405	.3650629	1.192353	1.001592	.5345375	2.330173	1.561458

#1	.0218800	.0173204	165.6031	.2733117	.1317989	.7397832	479.5987
#2	.0217886	.0172611	166.9702	.2700412	.1318217	.7490373	481.3720
#3	.0222311	.0173876	169.5340	.2679365	.1330343	.7737756	493.5074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.338335	18.89714	.2332916	-.035667	6.791540	.4086526	7.425899
Stddev	.132991	.27908	.0020043	.000653	.117967	.0084713	.053655
%RSD	1.424142	1.476845	.8591600	1.829880	1.736975	2.072980	.7225385

#1	9.237559	18.70538	.2312290	-.036420	6.805562	.4029553	7.483785
#2	9.288373	18.76874	.2334136	-.035315	6.667188	.4046151	7.377831
#3	9.489071	19.21731	.2352321	-.035266	6.901869	.4183873	7.416081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48564	22.81653	.9224952	.0448300	7.185988	5.882849	1.606354
Stddev	.25863	.21199	.0152149	.0002658	.063663	.089491	.012193
%RSD	2.466540	.9291152	1.649316	.5928923	.8859386	1.521222	.7590553

#1	10.41141	22.84982	.9094495	.0445490	7.176981	5.854866	1.602791
#2	10.27224	22.58986	.9188274	.0448634	7.127308	5.810692	1.596339
#3	10.77327	23.00991	.9392087	.0450774	7.253676	5.982987	1.619932

Sample Name: J1863-04 Acquired: 3/14/2018 18:12:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.301557	.1398220	2.231827
Stddev	.028420	.0017637	.034072
%RSD	1.234836	1.261373	1.526658

#1	2.283605	.1388664	2.210083
#2	2.286743	.1387422	2.214304
#3	2.334324	.1418572	2.271095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.676	4494.426	50677.24	7399.126	3869.765
Stddev	30.610	15.536	682.17	113.299	17.620
%RSD	1.416675	.3456709	1.346109	1.531255	.4553245

#1	2130.096	4500.755	49925.45	7416.603	3880.210
#2	2191.315	4505.799	51256.78	7502.672	3879.663
#3	2160.616	4476.725	50849.48	7278.104	3849.421

Sample Name: J1863-05 Acquired: 3/14/2018 18:16:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2434925	.0138899	9.427716	-.041132	.0203658	112.4671	5.445928
Stddev	.0038883	.0007762	.043076	.004075	.0012863	.1608	.025845
%RSD	1.596866	5.588136	.4569061	9.907506	6.316082	.1429503	.4745755

#1	.2390732	.0147379	9.408222	-.036621	.0210341	112.3911	5.468113
#2	.2450156	.0137170	9.397833	-.042227	.0211803	112.6517	5.452122
#3	.2463885	.0132146	9.477093	-.044547	.0188829	112.3583	5.417549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183483	.0253300	250.2376	.2671087	.0971586	.8711606	387.5087
Stddev	.0002789	.0003103	.3223	.0008690	.0004078	.0058645	2.4670
%RSD	1.519979	1.225156	.1287799	.3253327	.4197428	.6731819	.6366253

#1	.0180265	.0250017	249.8876	.2679365	.0971431	.8731444	386.5744
#2	.0184992	.0253697	250.5220	.2662037	.0967588	.8645614	385.6453
#3	.0185193	.0256185	250.3033	.2671857	.0975740	.8757758	390.3063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.90859	35.41758	.1883895	-.027465	6.746731	.2680668	7.491688
Stddev	.08042	.21296	.0001946	.000187	.093969	.0052210	.073247
%RSD	.4253030	.6012888	.1032765	.6810286	1.392807	1.947648	.9777080

#1	18.90294	35.26714	.1881984	-.027261	6.665100	.2717408	7.520380
#2	18.83115	35.32434	.1883827	-.027507	6.849453	.2620904	7.546245
#3	18.99169	35.66126	.1885873	-.027628	6.725639	.2703694	7.408438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.60876	20.25269	.7839518	.0387023	7.336169	8.023465	1.023365
Stddev	.08406	.18852	.0057383	.0000888	.073471	.016086	.008117
%RSD	.6667067	.9308220	.7319644	.2293191	1.001496	.2004858	.7931673

#1	12.51221	20.23192	.7792417	.0386005	7.325957	8.005534	1.021975
#2	12.66573	20.07541	.7822710	.0387630	7.268337	8.028236	1.016033
#3	12.64833	20.45072	.7903428	.0387434	7.414212	8.036627	1.032088

Sample Name: J1863-05 Acquired: 3/14/2018 18:16:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.255469	.1313542	1.676768
Stddev	.009189	.0004578	.003052
%RSD	.4074285	.3485281	.1820232

#1	2.262131	.1308359	1.673385
#2	2.259292	.1317036	1.677602
#3	2.244986	.1315230	1.679316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.880	4334.966	49472.97	7040.088	3785.091
Stddev	11.487	8.919	133.92	37.288	13.762
%RSD	.5444502	.2057508	.2707026	.5296473	.3635921

#1	2121.835	4341.278	49591.87	7081.044	3794.218
#2	2098.926	4338.858	49327.89	7008.107	3791.794
#3	2108.878	4324.762	49499.14	7031.114	3769.262

Sample Name: J1863-06 Acquired: 3/14/2018 18:20:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1771662	.0096931	2.782151	-.049894	.0079363	96.99708	1.802421
Stddev	.0025980	.0013754	.026167	.003265	.0011028	.36185	.004465
%RSD	1.466405	14.18952	.9405384	6.544310	13.89496	.3730537	.2477359

#1	.1748166	.0112647	2.756169	-.053543	.0070091	96.94140	1.803741
#2	.1767256	.0091053	2.781782	-.048891	.0076441	97.38355	1.806078
#3	.1799563	.0087092	2.808500	-.047248	.0091557	96.66630	1.797445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149166	.0063903	53.68186	.3500815	.1243686	.2725314	437.4903
Stddev	.0000402	.0002034	.12889	.0006380	.0006988	.0015841	2.1207
%RSD	.2695001	3.182536	.2400929	.1822323	.5618510	.5812357	.4847459

#1	.0149337	.0062157	53.74552	.3494826	.1240158	.2731719	439.2384
#2	.0149454	.0063414	53.76653	.3507524	.1239166	.2707274	435.1311
#3	.0148707	.0066136	53.53353	.3500094	.1251735	.2736949	438.1014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21551	10.94816	.0904457	-.031362	4.668829	.4274472	3.399737
Stddev	.05310	.08322	.0004266	.000312	.173877	.0026611	.028724
%RSD	.4018250	.7601731	.4716738	.9944150	3.724219	.6225577	.8448881

#1	13.27159	10.96699	.0909374	-.031391	4.690030	.4269338	3.403657
#2	13.16600	10.85713	.0901742	-.031658	4.485324	.4303276	3.426300
#3	13.20893	11.02035	.0902255	-.031037	4.831134	.4250801	3.369254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.042338	5.404563	.7322209	.0121190	2.297669	5.065053	1.385011
Stddev	.060176	.034324	.0041169	.0001653	.016312	.031179	.011777
%RSD	1.977943	.6350913	.5622505	1.364290	.7099420	.6155746	.8502959

#1	3.110076	5.373306	.7367804	.0121259	2.292043	5.030148	1.374068
#2	2.995059	5.399088	.7287761	.0122808	2.284914	5.074865	1.383491
#3	3.021881	5.441295	.7311064	.0119503	2.316049	5.090145	1.397474

Sample Name: J1863-06 Acquired: 3/14/2018 18:20:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8222863	.1076425	.3357917
Stddev	.0037887	.0005166	.0002598
%RSD	.4607463	.4799173	.0773607

#1	.8265680	.1070885	.3356950
#2	.8193682	.1077279	.3360859
#3	.8209228	.1081110	.3355941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.424	4367.406	49770.82	6887.601	4098.587
Stddev	12.698	17.659	324.18	8.057	22.741
%RSD	.5932522	.4043315	.6513441	.1169793	.5548443

#1	2134.282	4384.175	49630.72	6882.624	4119.357
#2	2131.965	4369.070	49540.25	6883.283	4102.116
#3	2155.025	4348.975	50141.49	6896.897	4074.288

Sample Name: J1863-07 Acquired: 3/14/2018 18:24:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168915	.0187271	5.488238	-.047407	.0080995	108.3687
Stddev	.0024344	.0015608	.031168	.000838	.0002274	.5939
%RSD	1.122415	8.334619	.5678968	1.767923	2.807736	.5480096

#1	.2196880	.0201766	5.478883	-.047670	.0080952	108.5548
#2	.2152458	.0189299	5.462819	-.048082	.0083290	108.8472
#3	.2157408	.0170748	5.523011	-.046469	.0078743	107.7041

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.538155	.0175085	.0153499	152.9767	.2805492	.1398583
Stddev	.007349	.0002427	.0002211	.5180	.0008337	.0009401
%RSD	.2895288	1.386444	1.440574	.3386005	.2971861	.6721938

#1	2.545467	.0174367	.0154058	153.5543	.2808510	.1389659
#2	2.530770	.0177790	.0151061	152.8225	.2796066	.1397693
#3	2.538228	.0173097	.0155376	152.5534	.2811901	.1408398

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.61441	389.9441	23.49896	18.38292	.1173069	-.027159
Stddev	.24730	1.2772	.06902	.11930	.0006532	.000210
%RSD	.5193812	.3275253	.2937045	.6489507	.5567918	.7715376

#1	47.73392	390.6908	23.56625	18.46808	.1165806	-.026969
#2	47.77926	390.6721	23.50230	18.43411	.1174942	-.027123
#3	47.33006	388.4694	23.42833	18.24657	.1178460	-.027384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.193624	.3301784	5.044184	9.259454	9.624089	.7106549
Stddev	.058714	.0040622	.025187	.046111	.056786	.0048199
%RSD	1.130499	1.230313	.4993351	.4979934	.5900426	.6782349

#1	5.259246	.3346598	5.071613	9.242262	9.567770	.7157637
#2	5.175568	.3291377	5.022094	9.311692	9.681331	.7100128
#3	5.146059	.3267378	5.038846	9.224409	9.623166	.7061883

Sample Name: J1863-07 Acquired: 3/14/2018 18:24:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200447	7.422178	5.473031	1.873682	1.313359	.1824501
Stddev	.0002979	.062045	.066147	.006644	.002010	.0005953
%RSD	1.486270	.8359344	1.208602	.3546074	.1530513	.3262673

#1	.0199416	7.365945	5.481223	1.866924	1.315585	.1821740
#2	.0198120	7.488738	5.534701	1.873917	1.312815	.1831333
#3	.0203804	7.411852	5.403170	1.880206	1.311677	.1820430

Elem	Sr4077
Units	ppm
Avg	.6525384
Stddev	.0038018
%RSD	.5826235

#1	.6543704
#2	.6550774
#3	.6481675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.220	4339.229	50567.84	7158.978	3924.665
Stddev	14.791	9.143	300.81	54.806	15.978
%RSD	.6891457	.2107018	.5948707	.7655492	.4071139

#1	2134.375	4342.164	50465.41	7157.062	3935.438
#2	2141.487	4346.545	50331.61	7105.155	3932.250
#3	2162.798	4328.980	50906.49	7214.716	3906.308

Sample Name: J1863-08 Acquired: 3/14/2018 18:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1881891	.0080343	5.517637	-.053856	.0170783	113.2699	2.528420
Stddev	.0017894	.0017406	.030668	.001499	.0014009	.4730	.016628
%RSD	.9508779	21.66493	.5558170	2.784150	8.202965	.4175752	.6576426

#1	.1876280	.0098965	5.492026	-.052800	.0167693	112.9402	2.509237
#2	.1867475	.0064483	5.509263	-.055572	.0158576	113.8119	2.537295
#3	.1901919	.0077583	5.551622	-.053195	.0186079	113.0578	2.538727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193049	.0135619	189.1241	.3177669	.1105650	.6391762	458.5371
Stddev	.0002312	.0000994	.6449	.0013272	.0006145	.0032706	1.0040
%RSD	1.197851	.7326673	.3410105	.4176781	.5557649	.5116878	.2189681

#1	.0194741	.0134587	188.4144	.3165427	.1106167	.6422165	458.8076
#2	.0193992	.0135700	189.2836	.3175805	.1099263	.6395961	457.4254
#3	.0190414	.0136570	189.6744	.3191774	.1111520	.6357159	459.3781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.47503	23.51712	.1177613	-.033372	5.915918	.3575547	4.703198
Stddev	.02933	.10307	.0010206	.000654	.056601	.0047734	.076362
%RSD	.1678220	.4382652	.8666404	1.959491	.9567524	1.335004	1.623615

#1	17.45175	23.56775	.1170646	-.033692	5.915751	.3578549	4.667106
#2	17.46537	23.39852	.1172864	-.033806	5.859401	.3621709	4.790915
#3	17.50797	23.58507	.1189327	-.032620	5.972602	.3526384	4.651571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59495	7.363519	.8230355	.0138819	7.523439	5.114388	.5527873
Stddev	.04903	.024492	.0010524	.0002883	.019022	.068524	.0032536
%RSD	.4627425	.3326074	.1278634	2.077103	.2528382	1.339824	.5885780

#1	10.55780	7.338730	.8225399	.0135736	7.502168	5.180763	.5511865
#2	10.65052	7.387702	.8242441	.0141448	7.529331	5.118500	.5506442
#3	10.57654	7.364123	.8223224	.0139274	7.538818	5.043901	.5565312

Sample Name: J1863-08 Acquired: 3/14/2018 18:28:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMF4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.410851	.1448936	.7478410
Stddev	.009059	.0011826	.0010601
%RSD	.6421003	.8161631	.1417500

#1	1.406916	.1440454	.7476043
#2	1.421212	.1462445	.7489994
#3	1.404425	.1443910	.7469193

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.333	4459.123	51082.68	7247.422	3857.243
Stddev	11.870	13.576	116.01	7.893	14.241
%RSD	.5446507	.3044438	.2271091	.1089035	.3691956

#1	2176.381	4471.362	51216.63	7249.395	3870.189
#2	2169.217	4461.486	51016.78	7254.141	3859.551
#3	2192.400	4444.521	51014.61	7238.730	3841.990

Sample Name: J1863-09 Acquired: 3/14/2018 18:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3077041	.0149902	3.317990	-.073477	.0215488	90.84164	2.570638
Stddev	.0041398	.0027055	.006204	.002796	.0008201	.60170	.013767
%RSD	1.345383	18.04850	.1869880	3.804598	3.805930	.6623640	.5355541

#1	.3038528	.0174472	3.315263	-.071964	.0210629	90.84340	2.584314
#2	.3071775	.0154328	3.313617	-.071765	.0210878	91.44246	2.570820
#3	.3120820	.0120907	3.325091	-.076703	.0224957	90.23906	2.556782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168576	.0074621	65.17399	.2634666	.2187827	.6018531	647.5178
Stddev	.0000732	.0004394	.34178	.0013602	.0008355	.0045600	2.2841
%RSD	.4340744	5.888227	.5244163	.5162819	.3819058	.7576541	.3527427

#1	.0169001	.0071540	65.53340	.2619800	.2186776	.5996755	648.3933
#2	.0167732	.0072671	65.13548	.2637708	.2180046	.6070936	649.2346
#3	.0168996	.0079653	64.85310	.2646490	.2196658	.5987901	644.9255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.41564	8.462965	.2001628	-.047921	6.345560	.3506168	3.903134
Stddev	.09866	.064762	.0005479	.000416	.184248	.0009500	.067130
%RSD	.4401470	.7652396	.2737048	.8690883	2.903581	.2709393	1.719888

#1	22.48052	8.493007	.2002966	-.048376	6.132834	.3495390	3.939481
#2	22.46429	8.507250	.1995605	-.047559	6.454804	.3509793	3.944253
#3	22.30210	8.388637	.2006314	-.047827	6.449041	.3513322	3.825668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.475408	8.425072	1.106246	.0288728	4.487207	5.578375	1.000449
Stddev	.064479	.106123	.008740	.0003794	.058873	.019239	.007546
%RSD	1.440742	1.259604	.7900681	1.314013	1.312018	.3448854	.7542404

#1	4.448837	8.388298	1.114189	.0287005	4.462499	5.576231	1.001387
#2	4.548926	8.342228	1.107665	.0286101	4.444713	5.598597	.992477
#3	4.428460	8.544690	1.096882	.0293078	4.554407	5.560298	1.007481

Sample Name: J1863-09 Acquired: 3/14/2018 18:32:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8784859	.1167773	.5560668
Stddev	.0050799	.0001460	.0033126
%RSD	.5782553	.1250564	.5957284

#1	.8763603	.1167281	.5558936
#2	.8842834	.1169416	.5594626
#3	.8748141	.1166622	.5528441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.957	4262.918	48338.08	6781.672	3977.416
Stddev	19.838	24.452	456.71	25.374	20.900
%RSD	.9639423	.5735948	.9448241	.3741525	.5254761

#1	2042.121	4267.846	47861.77	6793.728	3987.333
#2	2051.541	4284.531	48380.18	6752.518	3991.511
#3	2080.208	4236.378	48772.27	6798.770	3953.403

Sample Name: J1863-10 Acquired: 3/14/2018 18:36:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1769295	.0120718	6.721617	-.038018	.0102553	98.64634	3.100746
Stddev	.0009509	.0002991	.013887	.003461	.0002034	.83690	.034365
%RSD	.5374252	2.477374	.2066052	9.104506	1.983063	.8483873	1.108289

#1	.1762926	.0117972	6.715593	-.034021	.0104806	98.91634	3.121233
#2	.1764735	.0123904	6.711759	-.040007	.0100853	99.31492	3.119933
#3	.1780225	.0120277	6.737499	-.040027	.0102001	97.70777	3.061071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134906	.0180381	63.83327	.3419889	.1238716	.6693137	353.1825
Stddev	.0001738	.0001401	.58633	.0021722	.0002624	.0053060	3.5447
%RSD	1.288046	.7766338	.9185285	.6351652	.2118147	.7927529	1.003640

#1	.0135044	.0179091	64.30085	.3395902	.1238015	.6736358	356.9992
#2	.0133104	.0180179	64.02351	.3425532	.1236513	.6709135	352.5547
#3	.0136571	.0181871	63.17544	.3438232	.1241618	.6633919	349.9937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.03668	9.442562	.1293199	-.023855	4.835334	.3520105	5.627634
Stddev	.16557	.057639	.0006291	.000460	.150956	.0025163	.072071
%RSD	.9179446	.6104174	.4864711	1.929094	3.121930	.7148374	1.280657

#1	18.20108	9.487501	.1299701	-.023410	4.977205	.3540314	5.583415
#2	18.03898	9.462609	.1287142	-.023825	4.676694	.3528081	5.710798
#3	17.86997	9.377576	.1292754	-.024329	4.852103	.3491921	5.588688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.318936	13.26302	.6167116	.0135856	4.092838	4.471429	1.036973
Stddev	.017795	.04283	.0095930	.0004040	.021292	.052449	.004258
%RSD	.3345613	.3229481	1.555507	2.973978	.5202279	1.172983	.4106316

#1	5.320977	13.28654	.6256185	.0135062	4.079185	4.498540	1.040655
#2	5.335622	13.21358	.6179613	.0132271	4.081957	4.410973	1.032310
#3	5.300208	13.28893	.6065550	.0140234	4.117372	4.504775	1.037954

Sample Name: J1863-10 Acquired: 3/14/2018 18:36:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.288426	.1464284	.7091155
Stddev	.011794	.0016522	.0060237
%RSD	.9154017	1.128349	.8494682

#1	1.292858	.1480557	.7127557
#2	1.297362	.1464772	.7124282
#3	1.275058	.1447523	.7021625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.328	4275.491	48748.21	6817.071	4031.470
Stddev	15.916	8.661	309.96	61.752	12.392
%RSD	.7610472	.2025791	.6358429	.9058437	.3073821

#1	2078.611	4266.133	48645.25	6749.951	4021.749
#2	2086.196	4283.226	48502.83	6829.785	4045.424
#3	2109.177	4277.113	49096.55	6871.476	4027.238

Sample Name: J1863-11 Acquired: 3/14/2018 18:40:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1428642	k -.015848	k .4981152	k -.096975	k .0191051	84.76681
Stddev	.0081298	.040828	.0110142	.058741	.0049935	.22922
%RSD	5.690560	257.6153	2.211172	60.57283	26.13714	.2704147

#1	.1365061	.008431	.4900676	-.062580	.0159872	84.56087
#2	k .1520244	k -.062985	k .5106678	k -.164800	k .0248645	84.72578
#3	.1400620	.007009	.4936104	-.063545	.0164635	85.01377

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5280418	.0157357	k .0012508	^ *****	k .8503019	.1650503
Stddev	.0027896	.0001382	.0115513	-----	.0357978	.0007420
%RSD	.5282891	.8780621	923.4847	-----	4.210010	.4495522

#1	.5264600	.0158927	-.005478	-.925610	.8291652	.1643087
#2	.5264026	.0156325	k .014589	^ -----	k .8916340	.1650495
#3	.5312628	.0156820	-.005359	-.691442	.8301064	.1657927

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0455945	k 577.1644	9.809310	2.761551	.0833465	k -.052475
Stddev	.0194604	1.5541	.017110	.024816	.0004661	.016465
%RSD	42.68141	.2692644	.1744221	.8986132	.5592546	31.37649

#1	.0582778	576.7211	9.789641	2.764355	.0838732	-.043116
#2	k .0231887	k 578.8919	9.820758	2.784845	.0831792	k -.071486
#3	.0553170	575.8800	9.817529	2.735452	.0829872	-.042823

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.195798	k .7235129	k .5453061	.4081069	k 1.852349	k .4410920
Stddev	.160440	.0096135	.0921748	.0279161	.006450	.8509423
%RSD	3.087885	1.328728	16.90331	6.840377	.3481990	192.9172

#1	5.368865	.7153693	.4856165	.4089533	1.845634	.9305542
#2	5.166509	k .7210517	k .6514664	.4355902	k 1.858496	k -.541489
#3	5.052020	.7341178	.4988354	.3797773	1.852916	.934211

Sample Name: J1863-11 Acquired: 3/14/2018 18:40:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0135132	k .5278164	k 8.706277	k .0206620	.9892783	k .0278342
Stddev	.0003239	.0071111	.065034	.0062641	.0108072	.0003461
%RSD	2.397320	1.347271	.7469751	30.31723	1.092428	1.243422

#1	.0133083	.5209223	8.725389	.0166958	.9768070	.0282265
#2	k .0138867	k .5274007	k 8.759613	k .0278835	.9958935	k .0275718
#3	.0133446	.5351263	8.633829	.0174066	.9951344	.0277044

Elem	Sr4077
Units	ppm
Avg	.0651256
Stddev	.0002174
%RSD	.3337913

#1	.0650053
#2	.0653766
#3	.0649949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.701	4158.529	46942.09	6511.656	4153.898
Stddev	22.933	33.039	340.50	28.322	29.530
%RSD	1.140572	.7944809	.7253656	.4349455	.7109017

#1	1994.784	4173.446	46709.67	6481.799	4171.737
#2	2036.988	4181.479	47332.94	6515.028	4170.144
#3	2000.330	4120.662	46783.66	6538.141	4119.811

Sample Name: J1863-12 Acquired: 3/14/2018 18:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1441999	.0148498	1.948095	-.038659	.0155876	87.68918	1.116538
Stddev	.0018605	.0002907	.003105	.001955	.0016350	.19656	.003936
%RSD	1.290240	1.957762	.1593637	5.056869	10.48925	.2241564	.3525490

#1	.1420539	.0151057	1.949066	-.036463	.0142990	87.91388	1.112802
#2	.1453600	.0145337	1.944621	-.039304	.0150369	87.60451	1.116163
#3	.1451858	.0149100	1.950597	-.040210	.0174268	87.54914	1.120648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121216	.0102246	25.66795	.5266593	.1290382	.3051823	383.0180
Stddev	.0001744	.0000503	.04550	.0005171	.0002891	.0015291	.8238
%RSD	1.439111	.4924634	.1772600	.0981945	.2240226	.5010417	.2150748

#1	.0121975	.0101676	25.68018	.5263929	.1287681	.3065677	383.9557
#2	.0122453	.0102630	25.70608	.5272553	.1290035	.3035416	382.4109
#3	.0119221	.0102431	25.61758	.5263296	.1293431	.3054376	382.6875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78587	7.567343	.1044008	-.027311	4.634898	.4340584	3.488496
Stddev	.05655	.014251	.0002634	.000372	.005960	.0046200	.013030
%RSD	.3824905	.1883257	.2522670	1.363337	.1285912	1.064365	.3735152

#1	14.85084	7.551857	.1043699	-.026950	4.638980	.4386996	3.493712
#2	14.74769	7.579907	.1041542	-.027694	4.628058	.4294600	3.498110
#3	14.75908	7.570263	.1046782	-.027290	4.637655	.4340156	3.473666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.826354	3.544298	.6327765	.0128923	2.212658	5.533883	.0816659
Stddev	.026269	.038912	.0050725	.0004879	.013053	.060741	.0020358
%RSD	1.438304	1.097880	.8016328	3.784277	.5899094	1.097623	2.492868

#1	1.854214	3.537711	.6386084	.0134200	2.210717	5.584876	.0807827
#2	1.802037	3.586083	.6293891	.0124576	2.226573	5.550092	.0839942
#3	1.822812	3.509100	.6303321	.0127993	2.200685	5.466682	.0802208

Sample Name: J1863-12 Acquired: 3/14/2018 18:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9904949	.0578745	.1234643
Stddev	.0196004	.0002235	.0002542
%RSD	1.978854	.3862304	.2058606

#1	.9689473	.0578762	.1237574
#2	.9952729	.0576501	.1233051
#3	1.007265	.0580972	.1233304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.051	4204.251	47449.29	6574.458	4142.190
Stddev	11.089	24.908	68.38	4.861	24.180
%RSD	.5451839	.5924562	.1441141	.0739337	.5837513

#1	2030.127	4222.277	47472.82	6569.117	4158.279
#2	2025.457	4214.648	47372.25	6575.637	4153.908
#3	2046.568	4175.829	47502.80	6578.621	4114.384

Sample Name: J1863-13 Acquired: 3/14/2018 18:48:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729088	.0115892	.3009848	-.025626	.0064341	101.1626	.5220747
Stddev	.0004922	.0005587	.0020704	.000442	.0009265	.2197	.0005702
%RSD	.6751005	4.820633	.6878876	1.726147	14.40041	.2171425	.1092223

#1	.0728386	.0121215	.2990635	-.025419	.0074023	100.9454	.5225807
#2	.0734324	.0110074	.3007131	-.025326	.0063441	101.3846	.5221866
#3	.0724555	.0116387	.3031776	-.026134	.0055558	101.1577	.5214568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086682	-.003298	5.574000	.3068992	.1873342	.0685878	267.3303
Stddev	.0001789	.000102	.083813	.0019562	.0008079	.0030651	.0841
%RSD	2.064359	3.092158	1.503635	.6374151	.4312566	4.468815	.0314762

#1	.0084916	-.003192	5.651324	.3047633	.1867697	.0676042	267.4268
#2	.0086635	-.003305	5.585739	.3073304	.1869732	.0720239	267.2724
#3	.0088494	-.003395	5.484937	.3086038	.1882596	.0661352	267.2918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.30322	3.451199	.0724242	-.021462	3.537510	.3449556	.2289357
Stddev	.01958	.029667	.0007879	.000484	.147234	.0022871	.0057920
%RSD	.1471467	.8596221	1.087857	2.254875	4.162066	.6630035	2.529952

#1	13.30696	3.479510	.0716317	-.020928	3.606211	.3463598	.2347912
#2	13.32065	3.420340	.0724338	-.021584	3.368483	.3423165	.2288065
#3	13.28204	3.453748	.0732073	-.021873	3.637837	.3461904	.2232094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.980530	1.227655	.4351917	.0078759	.4705662	2.810145	.0072709
Stddev	.037186	.015060	.0013574	.0004013	.0110170	.013314	.0004930
%RSD	1.877555	1.226732	.3119061	5.095838	2.341219	.4737851	6.780140

#1	2.022321	1.219408	.4366190	.0083096	.4723593	2.797925	.0070382
#2	1.968171	1.218520	.4339172	.0075177	.4587626	2.808177	.0078372
#3	1.951097	1.245037	.4350388	.0078002	.4805766	2.824334	.0069374

Sample Name: J1863-13 Acquired: 3/14/2018 18:48:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6678631	.0258137	.0390737
Stddev	.0019621	.0008675	.0003935
%RSD	.2937900	3.360459	1.007116

#1	.6669560	.0249493	.0387269
#2	.6701147	.0266842	.0389928
#3	.6665187	.0258077	.0395014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.148	4155.754	46693.18	6400.337	4250.766
Stddev	6.359	4.646	92.60	9.086	16.237
%RSD	.3133921	.1117890	.1983219	.1419682	.3819893

#1	2025.534	4160.661	46689.97	6404.770	4262.154
#2	2036.491	4155.180	46787.35	6389.885	4257.972
#3	2025.420	4151.422	46602.23	6406.357	4232.173

Sample Name: J1863-14 Acquired: 3/14/2018 18:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1200478	.0062593	.8310479	-.039524	.0118162	96.38358	.7123482
Stddev	.0017045	.0008379	.0029988	.000406	.0000895	.21872	.0044358
%RSD	1.419826	13.38579	.3608412	1.026524	.7578386	.2269280	.6227010

#1	.1205738	.0064911	.8317916	-.039799	.0118482	96.13336	.7174175
#2	.1181424	.0069568	.8336049	-.039058	.0118854	96.53842	.7091788
#3	.1214273	.0053299	.8277473	-.039715	.0117151	96.47895	.7104484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124759	.0029660	13.47272	.4956808	.1535447	.2111320	375.5947
Stddev	.0000692	.0000514	.13488	.0014519	.0011429	.0007929	1.6983
%RSD	.5543673	1.734433	1.001140	.2929146	.7443437	.3755712	.4521550

#1	.0124043	.0029066	13.62830	.4946945	.1539165	.2120090	377.1900
#2	.0125423	.0029934	13.40128	.4949999	.1544553	.2104657	375.7848
#3	.0124810	.0029978	13.38859	.4973481	.1522622	.2109213	373.8094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.676953	5.276268	.1135349	-.028526	4.190294	.4200444	2.080555
Stddev	.054436	.011752	.0007143	.000023	.208282	.0027425	.021487
%RSD	.5625275	.2227377	.6291187	.0819008	4.970572	.6529068	1.032767

#1	9.721632	5.283476	.1137428	-.028508	4.338838	.4218756	2.068624
#2	9.692903	5.262707	.1141221	-.028553	4.279828	.4213663	2.105360
#3	9.616324	5.282621	.1127397	-.028519	3.952217	.4168913	2.067680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.671030	2.712795	.6190722	.0137024	1.088366	8.157007	.0324924
Stddev	.015339	.030083	.0008902	.0004163	.014194	.078505	.0009310
%RSD	.5742631	1.108927	.1437925	3.037924	1.304129	.9624197	2.865268

#1	2.658560	2.732644	.6199742	.0140066	1.090771	8.245127	.0322606
#2	2.688158	2.727558	.6181943	.0138725	1.101204	8.131365	.0335174
#3	2.666372	2.678182	.6190481	.0132280	1.073123	8.094530	.0316992

Sample Name: J1863-14 Acquired: 3/14/2018 18:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6952912	.0421995	.0660798
Stddev	.0121489	.0014951	.0001644
%RSD	1.747315	3.543019	.2487456

#1	.6814903	.0416128	.0659229
#2	.7043707	.0438990	.0660659
#3	.7000126	.0410867	.0662507

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.639	4431.762	49697.53	6810.411	4298.477
Stddev	18.026	12.263	195.30	22.709	25.989
%RSD	.8464323	.2767072	.3929715	.3334398	.6046032

#1	2112.404	4427.269	49512.58	6788.593	4289.466
#2	2128.148	4422.379	49678.25	6833.916	4278.193
#3	2148.364	4445.638	49901.75	6808.722	4327.772

Sample Name: J1863-15 Acquired: 3/14/2018 18:56:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0937314	.0261835	.4316901	-.037073	.0075133	124.7071	1.059982
Stddev	.0006394	.0006830	.0002440	.002809	.0025734	.2424	.005350
%RSD	.6821652	2.608533	.0565190	7.575901	34.25147	.1944117	.5047044

#1	.0932495	.0262266	.4314805	-.039955	.0060194	124.8026	1.062377
#2	.0934880	.0268439	.4316319	-.034344	.0060357	124.8872	1.063715
#3	.0944568	.0254799	.4319580	-.036920	.0104848	124.4314	1.053853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100836	-.004592	7.180093	.3743060	.2684907	.0482971	372.2988
Stddev	.0000726	.000060	.094462	.0004025	.0009889	.0011038	1.7477
%RSD	.7199098	1.306366	1.315605	.1075302	.3683061	2.285480	.4694361

#1	.0100011	-.004538	7.144221	.3738591	.2682806	.0491146	374.2991
#2	.0101120	-.004657	7.287236	.3744191	.2676237	.0487353	371.5304
#3	.0101376	-.004581	7.108821	.3746399	.2695677	.0470415	371.0670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.75740	5.158479	.0779432	-.028917	4.107045	.4413933	.1898183
Stddev	.13334	.048572	.0006017	.000372	.129870	.0056230	.0024522
%RSD	.4480900	.9415890	.7720176	1.287442	3.162115	1.273913	1.291880

#1	29.91137	5.136737	.0772488	-.028568	4.080999	.4385457	.1886494
#2	29.68087	5.214124	.0782691	-.028875	4.247964	.4478704	.1926363
#3	29.67996	5.124577	.0783116	-.029309	3.992173	.4377637	.1881692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665690	1.599824	.6064561	.0126062	.3986861	2.944758	.0062401
Stddev	.022971	.009467	.0029810	.0002436	.0036978	.020432	.0008868
%RSD	1.379046	.5917712	.4915456	1.932379	.9274861	.6938274	14.21089

#1	1.651474	1.608599	.6094572	.0123254	.3965382	2.958728	.0052785
#2	1.653405	1.589790	.6034956	.0127618	.3965642	2.954237	.0070257
#3	1.692191	1.601083	.6064154	.0127313	.4029559	2.921309	.0064160

Sample Name: J1863-15 Acquired: 3/14/2018 18:56:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6336071	.0416677	.0600010
Stddev	.0046651	.0007030	.0001420
%RSD	.7362830	1.687042	.2366960

#1	.6366040	.0422138	.0600964
#2	.6359852	.0419148	.0600688
#3	.6282322	.0408746	.0598378

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.162	4065.458	45841.84	6298.028	4118.357
Stddev	3.150	15.373	66.73	22.429	15.693
%RSD	.1594096	.3781247	.1455711	.3561315	.3810504

#1	1972.736	4076.875	45784.85	6273.281	4122.364
#2	1976.817	4071.521	45825.44	6303.786	4131.658
#3	1978.933	4047.979	45915.25	6317.017	4101.049

Sample Name: J1863-16 Acquired: 3/14/2018 19:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973155	.0920083	.7156164	-.019458	.0069641	114.2677
Stddev	.0026887	.0013836	.0046660	.005563	.0007762	.7913
%RSD	2.762832	1.503786	.6520278	28.58948	11.14526	.6925280

#1	.0943632	.0916559	.7104131	-.018650	.0073438	114.8688
#2	.0979601	.0908350	.7170070	-.014344	.0074774	113.3711
#3	.0996234	.0935340	.7194290	-.025382	.0060712	114.5631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.478655	.0076881	.0030381	13.57501	.3237578	.3436113
Stddev	.017671	.0000965	.0001932	.07148	.0042397	.0013695
%RSD	.5079867	1.254890	6.359882	.5265534	1.309528	.3985724

#1	3.484507	.0077140	.0028345	13.57696	.3203902	.3420414
#2	3.458800	.0077689	.0030610	13.50257	.3223645	.3445615
#3	3.492658	.0075813	.0032189	13.64549	.3285189	.3442309

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281472	314.5353	F 94.83356	4.311759	.1403567	-.028952
Stddev	.0029526	.7307	.68263	.035324	.0008642	.000578
%RSD	2.304046	.2323059	.7198221	.8192565	.6156835	1.996755

#1	.1305053	315.2396	95.48131	4.321098	.1394279	-.028534
#2	.1248357	313.7808	94.12071	4.272703	.1411370	-.028711
#3	.1291007	314.5856	94.89865	4.341475	.1405051	-.029612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.777645	.2349415	1.117512	1.187464	2.231152	.5091299
Stddev	.224502	.0026565	.004020	.063643	.035961	.0005084
%RSD	5.942903	1.130701	.3596909	5.359598	1.611749	.0998480

#1	3.936329	.2377357	1.114185	1.166056	2.204364	.5092948
#2	3.875830	.2346405	1.116371	1.137285	2.217069	.5085596
#3	3.520777	.2324484	1.121978	1.259051	2.272023	.5095353

Sample Name: J1863-16 Acquired: 3/14/2018 19:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226901	.9573736	3.447740	.0160649	.6530672	.0792841
Stddev	.0004753	.0141134	.070352	.0008323	.0011505	.0006389
%RSD	2.094659	1.474181	2.040513	5.181118	.1761681	.8058588

#1	.0229622	.9492380	3.457462	.0152408	.6531017	.0788589
#2	.0221413	.9492123	3.373033	.0160486	.6518998	.0789745
#3	.0229668	.9736703	3.512725	.0169052	.6542000	.0800188

Elem	Sr4077
Units	ppm
Avg	.0845713
Stddev	.0001416
%RSD	.1674634

#1	.0845673
#2	.0844317
#3	.0847148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.959	4370.375	48815.07	6658.913	4305.012
Stddev	10.517	8.030	434.58	19.278	16.827
%RSD	.5019936	.1837386	.8902596	.2895101	.3908626

#1	2100.623	4376.984	49176.75	6645.283	4323.484
#2	2101.430	4372.702	48935.47	6680.970	4300.996
#3	2082.825	4361.438	48332.98	6650.487	4290.557

Sample Name: J1863-17 Acquired: 3/14/2018 19:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0948361	.0116984	.4024405	-.038162	.0071448	91.54207	.7674985
Stddev	.0022189	.0017353	.0009631	.003550	.0015383	.08327	.0035087
%RSD	2.339670	14.83393	.2393085	9.302402	21.53081	.0909681	.4571574

#1	.0970499	.0132149	.4013640	-.036179	.0081888	91.63748	.7701604
#2	.0948460	.0120743	.4027372	-.036046	.0078674	91.48397	.7688127
#3	.0926123	.0098059	.4032203	-.042260	.0053782	91.50477	.7635224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124123	-.003226	6.519949	.4923469	.1731629	.0669837	374.1365
Stddev	.0001434	.000117	.017873	.0005062	.0008235	.0009724	2.4170
%RSD	1.155663	3.621887	.2741205	.1028248	.4755808	1.451709	.6460302

#1	.0123133	-.003338	6.521059	.4928322	.1723186	.0679703	376.7582
#2	.0125768	-.003237	6.537240	.4923867	.1739640	.0660262	373.6545
#3	.0123467	-.003105	6.501547	.4918220	.1732060	.0669547	371.9967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.91260	4.134595	.0743071	-.028600	4.267765	.4846866	.4387931
Stddev	.07739	.050437	.0005086	.000515	.024544	.0001484	.0049359
%RSD	.5993022	1.219881	.6844347	1.801760	.5750925	.0306224	1.124878

#1	12.99534	4.191001	.0748773	-.028111	4.241009	.4848550	.4332168
#2	12.90045	4.093834	.0741433	-.029138	4.273053	.4845751	.4426018
#3	12.84201	4.118951	.0739005	-.028552	4.289234	.4846295	.4405608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020418	2.079079	.6093883	.0105613	.5654248	2.497742	.0093593
Stddev	.0395004	.009425	.0055165	.0001914	.0041154	.020875	.0009308
%RSD	19.55062	.4533069	.9052524	1.812345	.7278397	.8357653	9.945357

#1	.2474840	2.079473	.6148413	.0104609	.5631799	2.476825	.0090506
#2	.1827177	2.088300	.6095131	.0104411	.5701744	2.497826	.0104052
#3	.1759237	2.069464	.6038104	.0107821	.5629200	2.518575	.0086220

Sample Name: J1863-17 Acquired: 3/14/2018 19:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5455327	.0247756	.0499693
Stddev	.0045100	.0011107	.0002561
%RSD	.8267215	4.482971	.5125944

#1	.5403712	.0235069	.0502030
#2	.5475134	.0255721	.0500096
#3	.5487134	.0252479	.0496954

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.181	4595.978	51479.40	6979.640	4547.843
Stddev	5.958	8.261	70.24	27.809	9.842
%RSD	.2695851	.1797464	.1364465	.3984279	.2164185

#1	2203.534	4604.698	51411.10	6953.177	4558.088
#2	2215.043	4588.269	51551.43	6977.121	4538.461
#3	2211.965	4594.967	51475.66	7008.623	4546.980

Sample Name: J1863-18 Acquired: 3/14/2018 19:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1173103	.0198238	.4949731	-.050434	.0108900	110.4351	.6687714
Stddev	.0036160	.0019197	.0198601	.004417	.0024330	.4378	.0021762
%RSD	3.082436	9.683658	4.012363	8.757389	22.34193	.3964304	.3254086

#1	.1136820	.0210937	.4735649	-.045399	.0081670	110.4384	.6711647
#2	.1173351	.0207621	.4985573	-.053655	.0116528	110.8712	.6669113
#3	.1209139	.0176154	.5127970	-.052247	.0128502	109.9956	.6682382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103377	-.004751	2.530746	.5077991	.3536474	.0563471	441.3345
Stddev	.0000228	.000422	.014263	.0021537	.0133077	.0016602	2.3165
%RSD	.2203987	8.877676	.5635976	.4241211	3.762978	2.946302	.5248791

#1	.0103475	-.005217	2.522518	.5053169	.3394365	.0557576	442.1059
#2	.0103540	-.004643	2.547216	.5089084	.3556901	.0582216	438.7308
#3	.0103117	-.004394	2.522504	.5091720	.3658157	.0550622	443.1669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.10044	4.152685	.0695950	-.033786	4.515960	.5063130	.1994886
Stddev	.10288	.025793	.0033407	.000146	.090712	.0032931	.0065078
%RSD	.4098742	.6211061	4.800252	.4307895	2.008702	.6504058	3.262237

#1	25.11112	4.148824	.0661646	-.033948	4.573885	.5097082	.1943517
#2	24.99264	4.129040	.0697821	-.033666	4.411419	.5060982	.2068069
#3	25.19757	4.180190	.0728382	-.033743	4.562577	.5031326	.1973072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6279681	2.034664	.7143175	.0152755	.3543076	2.426244	.0057425
Stddev	.0336743	.079703	.0072767	.0006556	.0214254	.044824	.0018342
%RSD	5.362414	3.917256	1.018686	4.292039	6.047128	1.847467	31.94052

#1	.5947940	1.943955	.7170250	.0145348	.3301981	2.424303	.0036384
#2	.6269891	2.066551	.7060752	.0155102	.3615562	2.472006	.0065855
#3	.6621212	2.093487	.7198522	.0157815	.3711685	2.382421	.0070038

Sample Name: J1863-18 Acquired: 3/14/2018 19:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5122763	.0367965	.0416257
Stddev	.0038761	.0002510	.0000946
%RSD	.7566355	.6821534	.2273082

#1	.5155861	.0370683	.0417085
#2	.5132306	.0367477	.0416460
#3	.5080122	.0365734	.0415226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.677	4082.251	47771.46	6548.470	4189.802
Stddev	6.903	126.141	14.18	24.136	138.434
%RSD	.3351713	3.089987	.0296818	.3685732	3.304070

#1	2063.430	4218.445	47776.28	6527.303	4339.957
#2	2063.892	4058.876	47755.49	6543.353	4162.201
#3	2051.710	3969.433	47782.59	6574.754	4067.248

Sample Name: J1863-19 Acquired: 3/14/2018 19:12:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1291376	.0213902	1.638238	-.039045	.0133175	97.76579	1.570100
Stddev	.0024381	.0011601	.008655	.004195	.0018657	.16256	.001927
%RSD	1.888015	5.423518	.5282999	10.74442	14.00954	.1662795	.1227310

#1	.1272300	.0227233	1.633538	-.034201	.0153693	97.58496	1.568002
#2	.1318845	.0206090	1.632950	-.041412	.0117228	97.81258	1.570506
#3	.1282983	.0208384	1.648226	-.041521	.0128605	97.89983	1.571791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128103	.0118937	16.37318	.4509296	.2077362	.3643079	424.4241
Stddev	.0001117	.0004232	.07604	.0007419	.0008187	.0006850	1.0065
%RSD	.8718447	3.557810	.4644329	.1645307	.3941259	.1880154	.2371453

#1	.0126816	.0122214	16.30262	.4515543	.2080944	.3650839	425.1391
#2	.0128676	.0114160	16.45372	.4501096	.2067994	.3637875	424.8601
#3	.0128816	.0120437	16.36321	.4511250	.2083148	.3640522	423.2731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.79326	5.121995	.1123018	-.031175	4.547054	.3777882	3.621732
Stddev	.07027	.028925	.0009364	.000530	.241107	.0010621	.024966
%RSD	.2953504	.5647221	.8338610	1.700767	5.302491	.2811329	.6893460

#1	23.85964	5.129420	.1126115	-.030594	4.777798	.3765860	3.606724
#2	23.80049	5.146484	.1112497	-.031298	4.296772	.3781793	3.607919
#3	23.71965	5.090082	.1130441	-.031633	4.566591	.3785993	3.650552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.933969	6.847210	.6918801	.0147645	1.677478	3.075534	.0521178
Stddev	.011570	.024681	.0058582	.0003006	.008168	.028091	.0009796
%RSD	.3943507	.3604601	.8467067	2.035721	.4869422	.9133540	1.879629

#1	2.920766	6.831975	.6976131	.0146061	1.674141	3.049353	.0513835
#2	2.938798	6.833968	.6921230	.0145763	1.671506	3.105208	.0517398
#3	2.942342	6.875686	.6859042	.0151111	1.686787	3.072041	.0532301

Sample Name: J1863-19 Acquired: 3/14/2018 19:12:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMG5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6517169	.0501767	.0935242
Stddev	.0071974	.0004820	.0001674
%RSD	1.104372	.9605984	.1790180

#1	.6463847	.0497565	.0934264
#2	.6599037	.0507028	.0937175
#3	.6488623	.0500707	.0934286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.542	4289.332	48694.26	6693.966	4228.350
Stddev	17.048	16.808	159.62	24.626	13.938
%RSD	.8190182	.3918543	.3278058	.3678775	.3296262

#1	2100.383	4299.418	48878.52	6719.411	4227.088
#2	2077.061	4298.650	48598.19	6670.251	4242.876
#3	2067.182	4269.929	48606.07	6692.238	4215.087

Sample Name: J1863-20 Acquired: 3/14/2018 19:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656244	.0211001	.4828086	-.017438	.0030172	105.2101	1.385339
Stddev	.0021253	.0009602	.0018671	.000217	.0005054	.1212	.001111
%RSD	3.238636	4.550619	.3867084	1.246005	16.75060	.1151752	.0801891

#1	.0677296	.0219440	.4839249	-.017544	.0027612	105.0717	1.384627
#2	.0634795	.0200554	.4806531	-.017188	.0026911	105.2972	1.386619
#3	.0656642	.0213008	.4838477	-.017583	.0035994	105.2614	1.384770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110361	-.000143	17.93812	.1492890	.1260893	.0971854	188.9820
Stddev	.0000735	.000046	.05022	.0003222	.0007921	.0002792	.5049
%RSD	.6664143	32.08595	.2799558	.2157919	.6282381	.2873408	.2671857

#1	.0111081	-.000094	17.89551	.1491234	.1268709	.0970930	189.4741
#2	.0109611	-.000185	17.92537	.1496602	.1252870	.0974992	188.4651
#3	.0110391	-.000149	17.99349	.1490833	.1261101	.0969641	189.0068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.66077	5.196060	.0822643	-.016745	3.184887	.2243519	.5619415
Stddev	.03992	.048732	.0004052	.000294	.178033	.0022816	.0048200
%RSD	.1618964	.9378705	.4925565	1.758077	5.589947	1.016994	.8577472

#1	24.70670	5.151086	.0827289	-.016986	3.331999	.2219068	.5619706
#2	24.63439	5.189257	.0820804	-.016832	3.235688	.2247246	.5667469
#3	24.64121	5.247836	.0819837	-.016417	2.986974	.2264242	.5571070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.652052	3.217666	.3105512	.0069700	1.028595	5.173337	.0186679
Stddev	.038925	.019075	.0027279	.0001542	.013436	.033326	.0014564
%RSD	1.467715	.5928355	.8783904	2.212534	1.306242	.6441858	7.801417

#1	2.695189	3.233695	.3134871	.0068180	1.037358	5.206308	.0191421
#2	2.619550	3.196568	.3080951	.0071263	1.013126	5.174036	.0170335
#3	2.641417	3.222734	.3100714	.0069657	1.035300	5.139667	.0198281

Sample Name: J1863-20 Acquired: 3/14/2018 19:16:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMG6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7808176	.0386131	.0940448
Stddev	.0106026	.0003845	.0002723
%RSD	1.357882	.9957242	.2895983

#1	.7792737	.0389546	.0943141
#2	.7921075	.0381967	.0937695
#3	.7710716	.0386881	.0940506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.799	4737.213	52817.59	7199.079	4362.226
Stddev	8.805	13.354	59.55	15.309	19.725
%RSD	.3877286	.2818999	.1127382	.2126508	.4521680

#1	2260.816	4722.120	52759.86	7195.606	4339.683
#2	2274.127	4747.497	52814.11	7215.826	4376.307
#3	2277.454	4742.022	52878.80	7185.805	4370.689

Sample Name: J1863-21 Acquired: 3/14/2018 19:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1830990	.0262043	1.969661	-.030897	.0137758	103.9037	2.465882
Stddev	.0022636	.0035262	.002562	.002037	.0008311	.4719	.005919
%RSD	1.236283	13.45679	.1300894	6.591418	6.032931	.4541402	.2400241

#1	.1839790	.0223531	1.966993	-.029996	.0130865	103.9418	2.471231
#2	.1805275	.0292747	1.969889	-.029466	.0146987	103.4140	2.466890
#3	.1847904	.0269850	1.972102	-.033228	.0135423	104.3554	2.459523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138081	.0129520	147.2210	.2710558	.2821863	.4255548	331.5864
Stddev	.0001454	.0000759	.0912	.0047066	.0005593	.0013674	.3914
%RSD	1.053291	.5861608	.0619366	1.736409	.1982018	.3213128	.1180326

#1	.0137968	.0129098	147.2871	.2730837	.2822630	.4271050	331.9743
#2	.0136686	.0129066	147.2588	.2656751	.2827033	.4245202	331.5933
#3	.0139588	.0130397	147.1169	.2744085	.2815926	.4250391	331.1917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.40920	7.573621	.1361918	-.025545	5.595864	.2999075	3.591591
Stddev	.06434	.043629	.0002260	.000572	.112126	.0028523	.044991
%RSD	.2187610	.5760659	.1659131	2.238555	2.003727	.9510545	1.252690

#1	29.48331	7.551108	.1361034	-.026149	5.629248	.3031469	3.630181
#2	29.36776	7.623908	.1360234	-.025011	5.687507	.2977728	3.542174
#3	29.37652	7.545848	.1364486	-.025475	5.470838	.2988029	3.602418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.699098	53.01632	.5526232	.0163538	3.246590	4.459577	.0915504
Stddev	.078746	.19395	.0054969	.0002088	.007057	.155367	.0007973
%RSD	2.128777	.3658224	.9946968	1.276848	.2173754	3.483885	.8708856

#1	3.609733	52.82355	.5527720	.0165908	3.243267	4.497408	.0908900
#2	3.758313	53.21142	.5580442	.0162742	3.254695	4.288788	.0913252
#3	3.729250	53.01400	.5470534	.0161966	3.241807	4.592534	.0924361

Sample Name: J1863-21 Acquired: 3/14/2018 19:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.026297	.0802615	.3626579
Stddev	.001903	.0014688	.0002225
%RSD	.1854218	1.829970	.0613392

#1	1.024189	.0805726	.3629139
#2	1.027888	.0786621	.3625486
#3	1.026815	.0815498	.3625113

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.274	4609.561	52390.63	7279.633	4219.345
Stddev	26.177	14.815	720.91	28.395	7.001
%RSD	1.167951	.3213992	1.376035	.3900555	.1659282

#1	2227.011	4621.393	52073.21	7297.657	4227.254
#2	2271.485	4614.344	53215.78	7294.340	4216.841
#3	2225.326	4592.945	51882.89	7246.902	4213.941

Sample Name: J1863-22 Acquired: 3/14/2018 19:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633885	.0333257	2.137470	-.029029	.0122032	98.81731
Stddev	.0018416	.0020725	.019568	.003512	.0018149	.26636
%RSD	1.127113	6.219053	.9154733	12.09647	14.87203	.2695432

#1	.1650651	.0312442	2.159079	-.024975	.0137753	99.12472
#2	.1636829	.0353892	2.132383	-.031133	.0102171	98.65518
#3	.1614174	.0333439	2.120948	-.030979	.0126171	98.67204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.451709	.0152669	.0064066	32.47301	.3301039	.2436075
Stddev	.009133	.0001125	.0001893	.10114	.0014719	.0022585
%RSD	.3725292	.7366815	2.955619	.3114582	.4458823	.9271200

#1	2.442670	.0151875	.0065189	32.41817	.3290028	.2453966
#2	2.451524	.0153956	.0065129	32.41112	.3295333	.2443562
#3	2.460934	.0152175	.0061880	32.58972	.3317757	.2410697

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674607	329.1982	F 38.04561	5.821985	.1211296	-.025458
Stddev	.0032549	.7498	.09875	.030686	.0012481	.000363
%RSD	1.216982	.2277600	.2595599	.5270664	1.030351	1.425612

#1	.2698314	329.1862	38.06094	5.856546	.1224093	-.025630
#2	.2637496	328.4545	37.94009	5.811471	.1210639	-.025704
#3	.2688012	329.9539	38.13580	5.797938	.1199158	-.025041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.937275	.3106936	2.370468	3.129822	6.727268	.5425342
Stddev	.055600	.0051230	.021699	.017440	.041321	.0025551
%RSD	1.412156	1.648902	.9153727	.5572309	.6142302	.4709594

#1	3.949156	.3164941	2.372114	3.117123	6.766289	.5406685
#2	3.985975	.3067877	2.391296	3.122637	6.731536	.5414876
#3	3.876695	.3087991	2.347993	3.149708	6.683978	.5454464

Sample Name: J1863-22 Acquired: 3/14/2018 19:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140944	2.551437	5.245904	.0711016	.9093309	.0682506
Stddev	.0002866	.023562	.016598	.0012459	.0091667	.0003721
%RSD	2.033224	.9234626	.3164088	1.752218	1.008075	.5451672

#1	.0137703	2.573994	5.245650	.0717604	.9195857	.0683055
#2	.0143141	2.553333	5.229434	.0718798	.9064745	.0685922
#3	.0141989	2.526985	5.262628	.0696647	.9019324	.0678541

Elem	Sr4077
Units	ppm
Avg	.1799094
Stddev	.0002443
%RSD	.1357774

#1	.1800280
#2	.1800716
#3	.1796284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.394	4587.174	51569.34	7135.285	4168.756
Stddev	9.553	17.242	92.99	18.395	27.386
%RSD	.4329584	.3758729	.1803272	.2578078	.6569387

#1	2204.610	4567.268	51616.99	7136.281	4138.394
#2	2197.859	4597.467	51462.18	7153.162	4176.279
#3	2216.713	4596.786	51628.86	7116.412	4191.594

Sample Name: CCV045 Acquired: 3/14/2018 19:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928975	4.650701	25.26302	4.930651	4.885706	375.7634	9.843285
Stddev	.009220	.023825	.05494	.010403	.016745	1.8129	.051261
%RSD	.1870537	.5122934	.2174657	.2109859	.3427414	.4824620	.5207726

#1	4.934637	4.630704	25.23021	4.941426	4.887028	377.2215	9.890625
#2	4.918336	4.644338	25.23240	4.929863	4.868338	376.3351	9.850388
#3	4.933951	4.677062	25.32644	4.920665	4.901751	373.7335	9.788843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4687994	2.514841	355.9120	14.56578	2.538166	14.45355	346.6378
Stddev	.0025549	.005734	1.6190	.11794	.008036	.05016	1.0570
%RSD	.5449847	.2280088	.4549003	.8097066	.3165981	.3470663	.3049419

#1	.4665217	2.514100	357.7604	14.53368	2.531657	14.48808	347.8584
#2	.4715620	2.509514	354.7454	14.69645	2.535694	14.47657	346.0254
#3	.4683143	2.520910	355.2301	14.46722	2.547147	14.39601	346.0297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59194	355.4975	2.348541	1.132857	333.0810	2.180835	12.52053
Stddev	.04072	.9295	.004543	.011242	1.8093	.011042	.05463
%RSD	.2995683	.2614632	.1934190	.9923577	.5432106	.5063260	.4363400

#1	13.63654	356.4642	2.346877	1.128002	334.1190	2.177835	12.50513
#2	13.55676	355.4179	2.345066	1.145711	334.1322	2.193068	12.58121
#3	13.58253	354.6104	2.353681	1.124858	330.9918	2.171604	12.47525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.9623	5.143250	5.153458	4.809283	5.205171	4.595574	5.027564
Stddev	.4776	.016453	.013638	.012581	.025562	.022513	.011800
%RSD	.3271813	.3199006	.2646383	.2615880	.4910911	.4898803	.2347135

#1	146.2873	5.131773	5.150824	4.809534	5.188056	4.578157	5.023223
#2	146.1857	5.135878	5.168220	4.796578	5.192903	4.620995	5.018549
#3	145.4140	5.162101	5.141328	4.821736	5.234555	4.587569	5.040920

Sample Name: CCV045 Acquired: 3/14/2018 19:28:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.869664	4.813753	4.946209
Stddev	.018602	.028487	.049297
%RSD	.3819878	.5917923	.9966556

#1	4.889302	4.843375	5.002798
#2	4.867380	4.811328	4.912581
#3	4.852310	4.786555	4.923248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.949	3269.859	38580.49	5631.161	3332.836
Stddev	2.105	6.875	216.28	20.947	8.162
%RSD	.1349300	.2102673	.5605828	.3719865	.2449101

#1	1558.568	3270.524	38599.15	5607.246	3338.010
#2	1558.906	3276.378	38355.49	5646.252	3337.072
#3	1562.371	3262.676	38786.83	5639.985	3323.426

Sample Name: CCB045 Acquired: 3/14/2018 19:31:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000985	.0018847	.0010283	-.002296	-.000995	.0354773	.0010113
Stddev	.002400	.0013712	.0009568	.001254	.000585	.0079233	.0002135
%RSD	243.5668	72.75231	93.04388	54.63303	58.79119	22.33351	21.11560

#1	.001727	.0024049	.0010426	-.002462	-.000467	.0275680	.0010785
#2	-.001850	.0029197	.0019778	-.003459	-.001624	.0354492	.0011831
#3	-.002833	.0003296	.0000645	-.000967	-.000894	.0434146	.0007722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000707	.0001055	.0243910	.0003051	-.000098	.0028872	.0267473
Stddev	.0000540	.0000347	.0139885	.0005228	.000087	.0011685	.0099193
%RSD	76.39951	32.92942	57.35125	171.3674	88.99008	40.47100	37.08508

#1	.0000185	.0001445	.0331740	.0008738	-.000003	.0038788	.0379129
#2	.0001263	.0000943	.0317391	-.000155	-.000115	.0015990	.0189533
#3	.0000673	.0000778	.0082597	.000196	-.000174	.0031837	.0233758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010664	.0448099	-.000370	-.003696	1.961022	.0014356	.0036262
Stddev	.0004527	.0311501	.000107	.000168	.063756	.0017896	.0037269
%RSD	42.45640	69.51610	28.89054	4.551708	3.251137	124.6552	102.7752

#1	.0015712	.0642320	-.000462	-.003870	2.004844	.0010567	.0048752
#2	.0009315	.0088802	-.000397	-.003534	1.990341	.0033843	-.000565
#3	.0006963	.0613173	-.000253	-.003685	1.887881	-.000134	.006568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.116819	.0000939	.0036030	.0004078	-.017202	-.000526	.0001284
Stddev	.038133	.0004619	.0007427	.0002160	.003629	.000373	.0001735
%RSD	32.64249	491.8197	20.61401	52.96355	21.09728	70.90899	135.2045

#1	-.160513	-.000393	.0029965	.0005890	-.013025	-.000503	.0003073
#2	-.099688	.000148	.0044314	.0001688	-.018995	-.000909	-.000039
#3	-.090257	.000526	.0033812	.0004657	-.019585	-.000165	.000117

Sample Name: CCB045 Acquired: 3/14/2018 19:31:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v449) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000194	-.002021	.0003496
Stddev	.000647	.000372	.0000867
%RSD	333.7296	18.42824	24.80537

#1	-.000921	-.001837	.0003972
#2	.000020	-.002449	.0004021
#3	.000319	-.001776	.0002495

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.747	4127.227	45343.86	6069.654	4757.515
Stddev	6.478	30.504	85.19	31.237	32.499
%RSD	.3324273	.7391002	.1878652	.5146383	.6831125

#1	1945.395	4094.485	45324.11	6052.972	4720.318
#2	1956.214	4132.350	45437.19	6050.300	4771.809
#3	1944.632	4154.845	45270.28	6105.690	4780.416