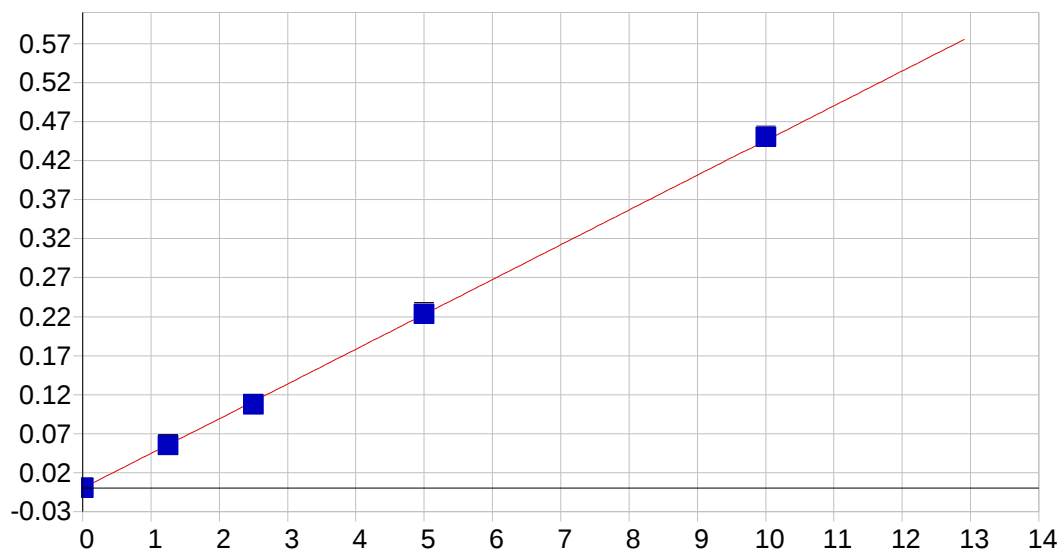


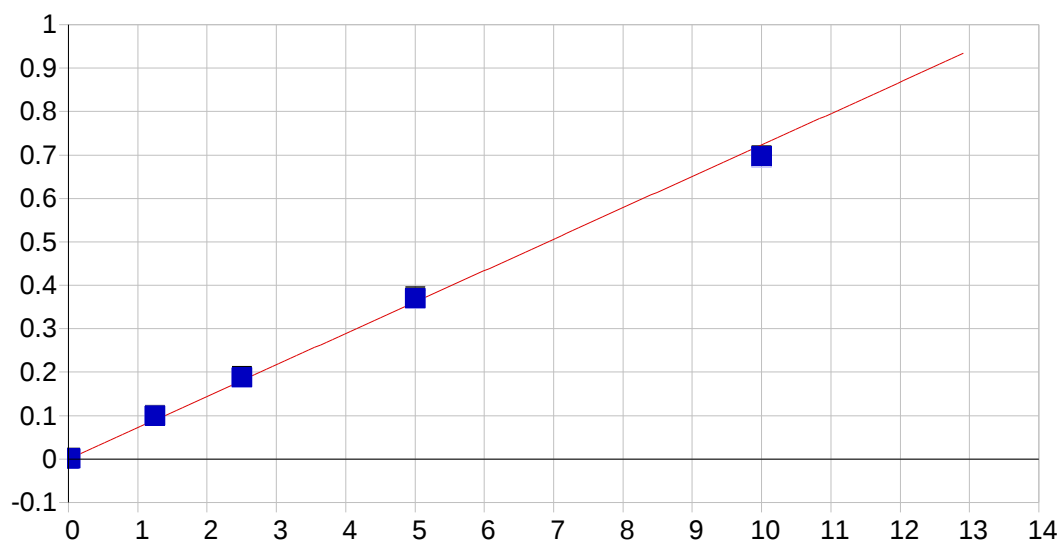


As 189.042 {479}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.044589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002399
 Predicted MQL: 0.007996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.00996	.000	-.385	.00040	.000	1
S2	1.2500	1.2360	-.014	-1.12	.05520	.000	1
S3	2.5000	2.3999	-.100	-4.00	.10723	.000	1
S4	5.0000	5.0129	.013	.257	.22400	.001	1
S5	10.000	10.101	.101	1.01	.45142	.001	1

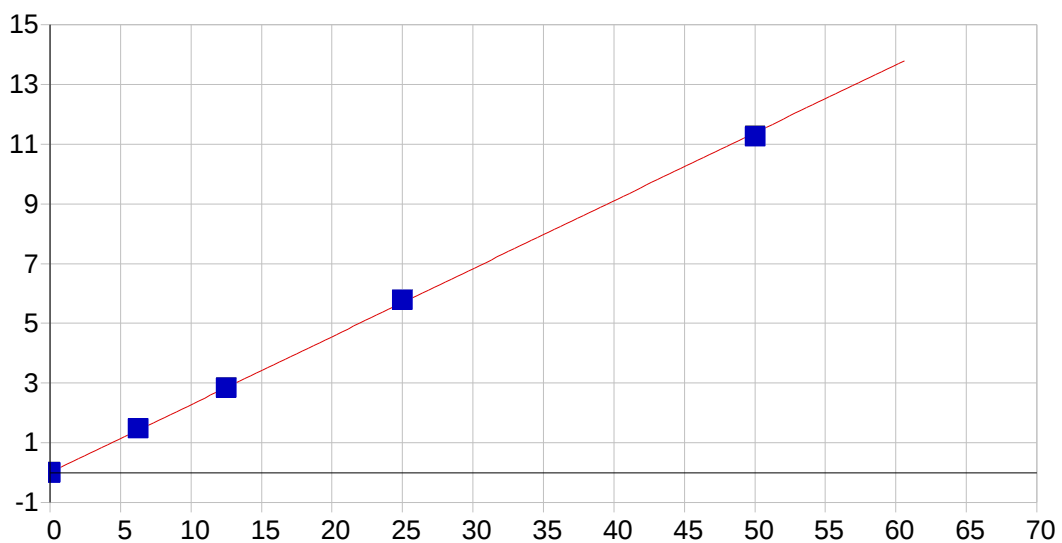


TI 190.856 {477}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.072339 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999093 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001562
 Predicted MQL: 0.005207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.02500	.02575	.001	2.98	.00159	.000	1
S2	1.2500	1.3799	.130	10.4	.09903	.001	1
S3	2.5000	2.6060	.106	4.24	.18718	.002	1
S4	5.0000	5.1206	.121	2.41	.36799	.004	1
S5	10.000	9.6428	-.357	-3.57	.69294	.001	1

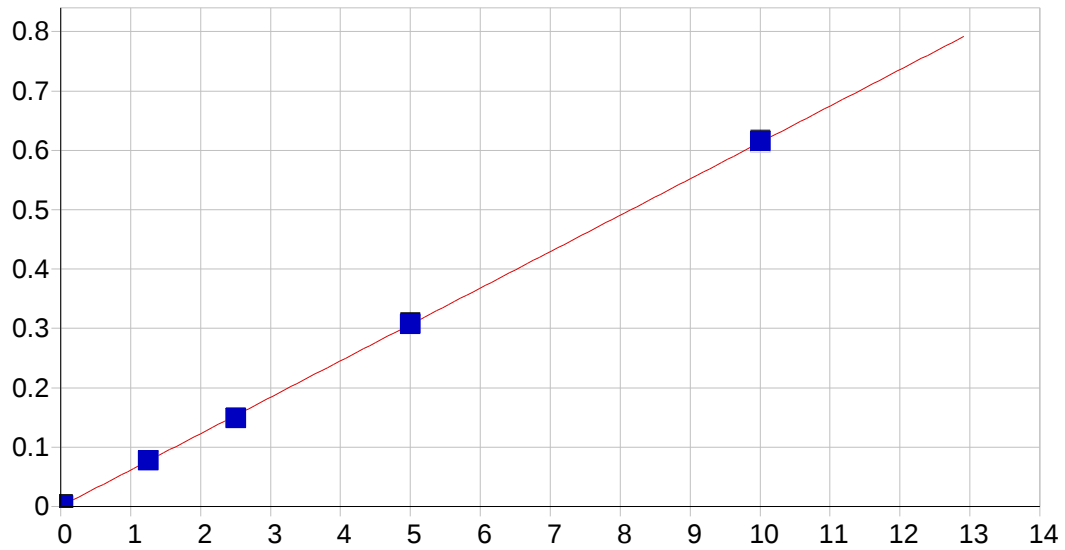


Pb 220.353 {453}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.227635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.001165
 Predicted MQL: 0.003883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.00955	.000	-4.47	.00206	.000	1
S2	6.2500	6.4754	.225	3.61	1.4761	.003	1
S3	12.500	12.441	-.059	-.474	2.8363	.007	1
S4	25.000	25.424	.424	1.69	5.7961	.007	1
S5	50.000	49.411	-.589	-1.18	11.265	.002	1

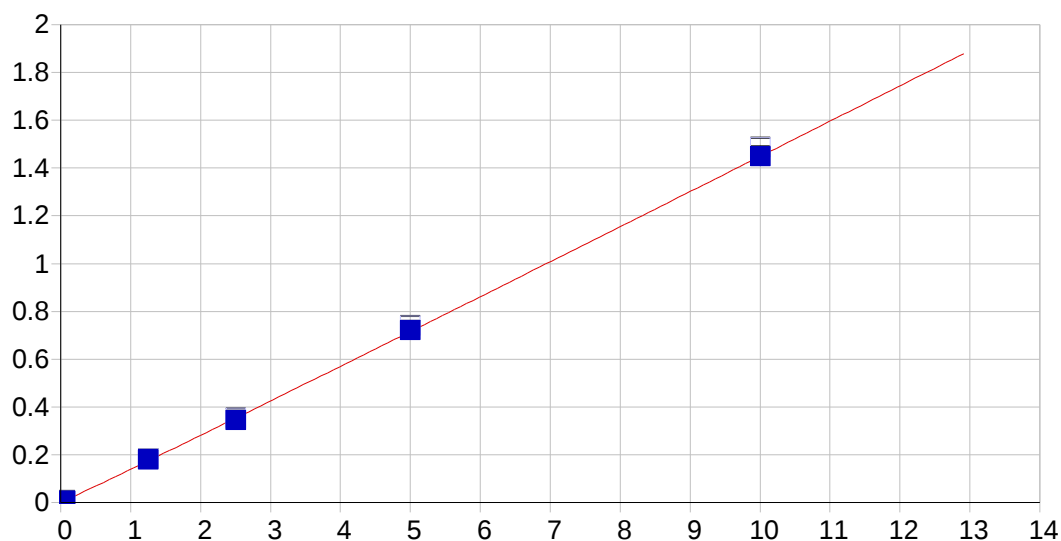


Se 196.090 {472}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000136 Re-Slope: 1.000000
 A1 (Gain): 0.061302 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002437
 Predicted MQL: 0.008123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.03500	.03427	-.001	-2.08	.00224	.000	1
S2	1.2500	1.2581	.008	.646	.07690	.000	1
S3	2.5000	2.4263	-.074	-2.95	.14815	.000	1
S4	5.0000	5.0220	.022	.441	.30656	.002	1
S5	10.000	10.044	.044	.444	.61300	.002	1

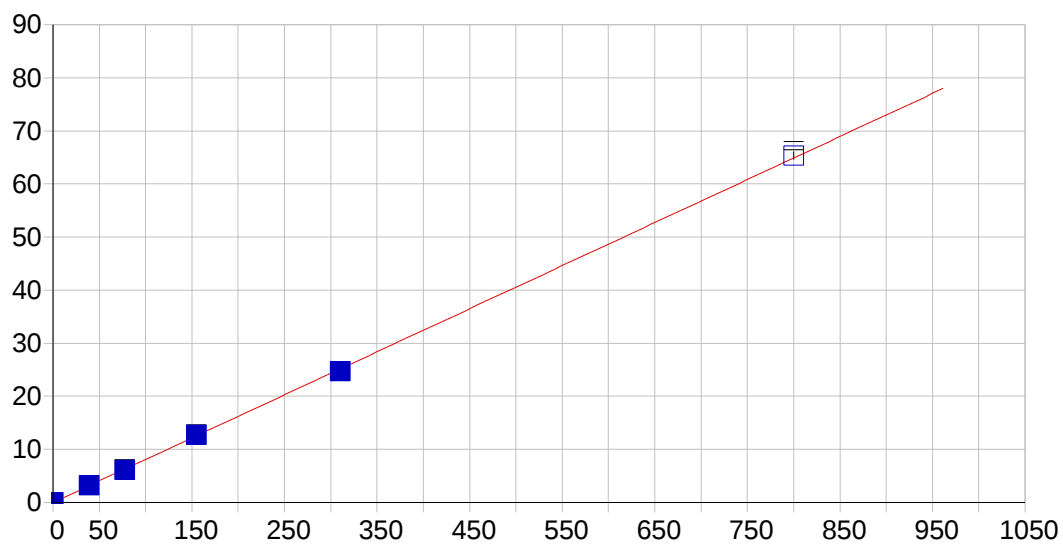


Sb 206.833 {463}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.138628 Y-int: 0.000000
 A2 (Curvature): -0.000029
 n (Exponent): 1.020000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.001372
 Predicted MQL: 0.004573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.06000	.05884	-.001	-1.93	.00796	.000	1
S2	1.2500	1.2837	.034	2.70	.18378	.001	1
S3	2.5000	2.4406	-.059	-2.37	.35395	.001	1
S4	5.0000	5.0326	.033	.652	.73893	.002	1
S5	10.000	9.9943	-.006	-.057	1.4856	.003	1

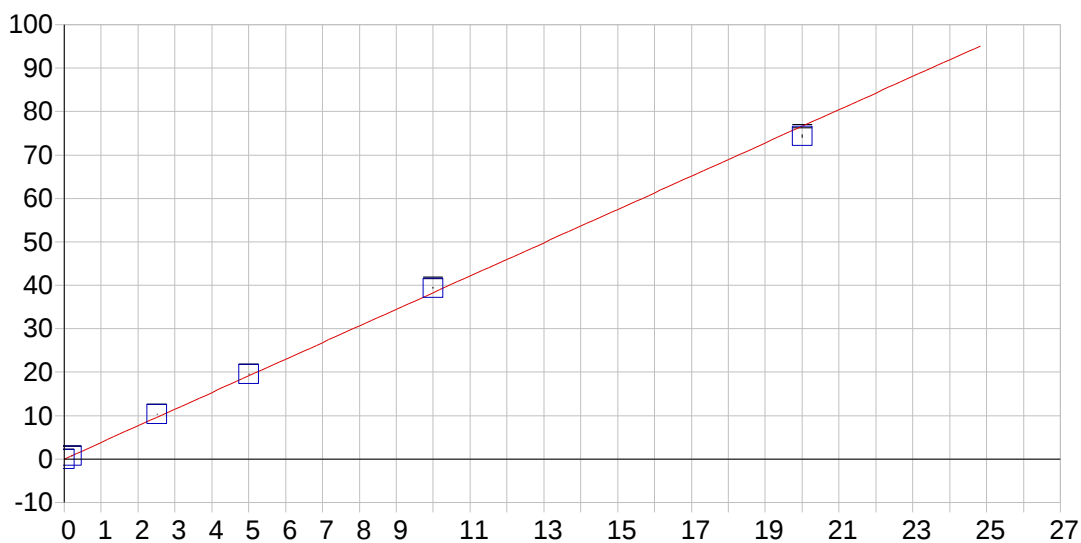


AI 396.152 { 85}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000860 Re-Slope: 1.000000
 A1 (Gain): 0.081099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000640
 Predicted MDL: 0.009898
 Predicted MQL: 0.032993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00086	.000	1
S1	.20000	.19468	-.005	-2.66	.01667	.001	1
S2	38.750	39.587	.837	2.16	3.2143	.024	1
S3	77.500	75.670	-1.83	-2.36	6.1434	.014	1
S4	155.00	156.46	1.46	.943	12.701	.067	1
S5	310.00	304.13	-5.87	-1.89	24.689	.032	1
S6	800.00	805.41	5.41	.676	65.318	.780	1

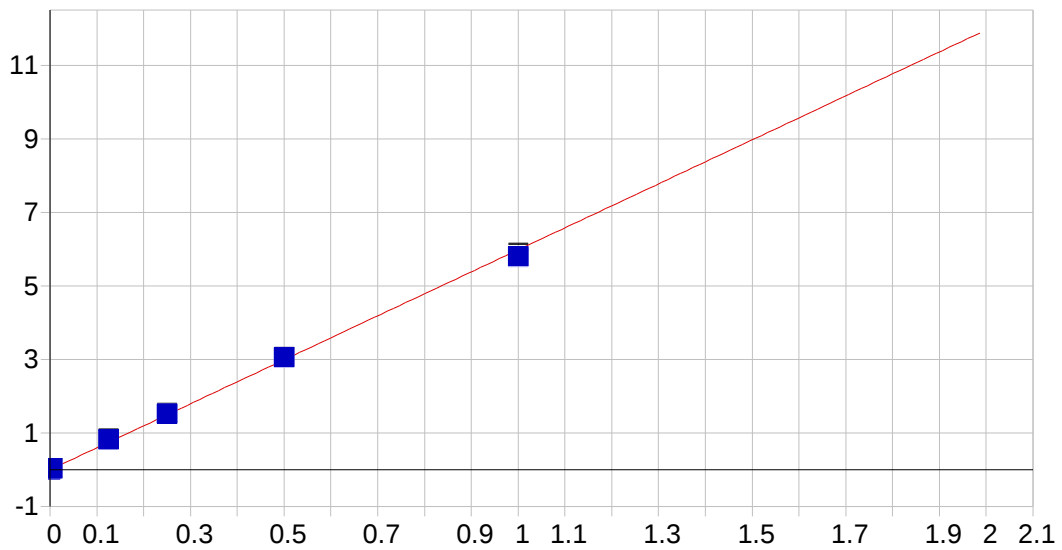


Ba 493.409 { 68}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004826 Re-Slope: 1.000000
 A1 (Gain): 3.830688 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999419 Status: OK.
 Std Error of Est: 0.013880
 Predicted MDL: 0.000521
 Predicted MQL: 0.001736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00490	.002	1
S1	.20000	.19951	.000	-.247	.75942	.005	1
S2	2.5000	2.7024	.202	8.10	10.347	.031	1
S3	5.0000	5.0974	.097	1.95	19.522	.021	1
S4	10.000	10.288	.288	2.88	39.404	.205	1
S5	20.000	19.413	-.587	-2.94	74.360	.437	1



Be 234.861 {144}

Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002453

Re-Slope: 1.000000

A1 (Gain): 5.981523

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999266

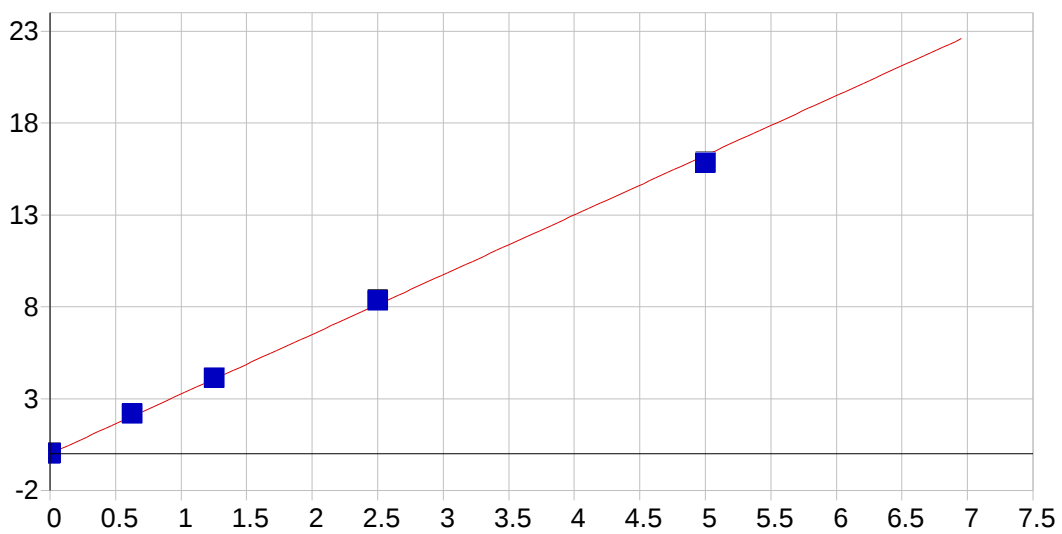
Status: OK.

Std Error of Est: 0.000857

Predicted MDL: 0.000073

Predicted MQL: 0.000243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00246	.000	1
S1	.00500	.00538	.000	7.65	.02972	.000	1
S2	.12500	.13869	.014	10.9	.82383	.008	1
S3	.25000	.25501	.005	2.00	1.5163	.020	1
S4	.50000	.51063	.011	2.13	3.0388	.005	1
S5	1.0000	.97029	-.030	-2.97	5.7752	.085	1

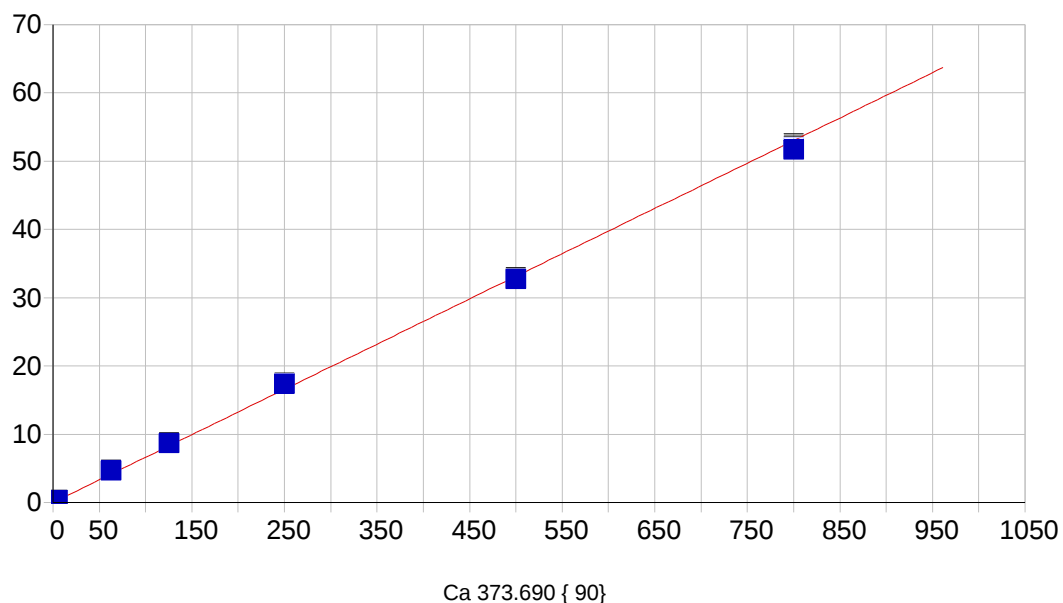


Cd 214.438 {457}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000258 Re-Slope: 1.000000
 A1 (Gain): 3.247776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 0.000815
 Predicted MDL: 0.000058
 Predicted MQL: 0.000193

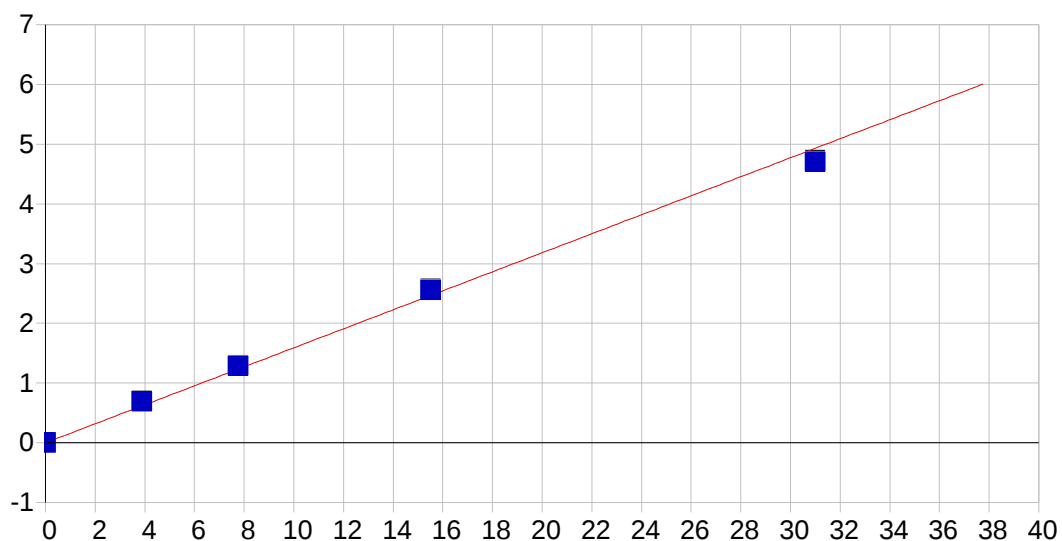
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.00500	.00497	.000	-.697	.01588	.000	1
S2	.62500	.66770	.043	6.83	2.1724	.006	1
S3	1.2500	1.2708	.021	1.66	4.1352	.013	1
S4	2.5000	2.5665	.067	2.66	8.3520	.024	1
S5	5.0000	4.8700	-.130	-2.60	15.850	.022	1



Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002385 Re-Slope: 1.000000
 A1 (Gain): 0.066275 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999276 Status: OK.
 Std Error of Est: 0.008850
 Predicted MDL: 0.011515
 Predicted MQL: 0.038384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00132	-.001	.000	.00230	.000	1
S1	5.0000	5.3723	.372	7.45	.35847	.003	1
S2	62.500	70.715	8.22	13.1	4.7038	.019	1
S3	125.00	131.02	6.02	4.81	8.7151	.013	1
S4	250.00	261.93	11.9	4.77	17.421	.072	1
S5	500.00	493.45	-6.55	-1.31	32.823	.110	1
S6	800.00	780.06	-19.9	-2.49	52.015	.511	1

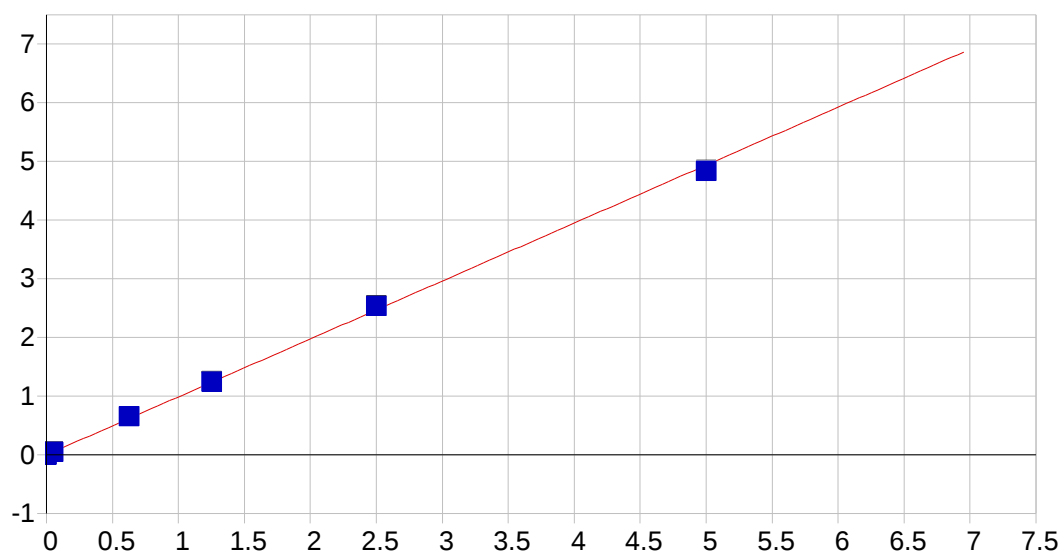


Cr 267.716 {126}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.159085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998631 Status: OK.
 Std Error of Est: 0.000246
 Predicted MDL: 0.000490
 Predicted MQL: 0.001632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01065	.001	6.49	.00168	.000	1
S2	3.8750	4.3488	.474	12.2	.69290	.002	1
S3	7.7500	8.1077	.358	4.62	1.2920	.003	1
S4	15.500	16.077	.577	3.73	2.5620	.013	1
S5	31.000	29.590	-1.41	-4.55	4.7161	.018	1

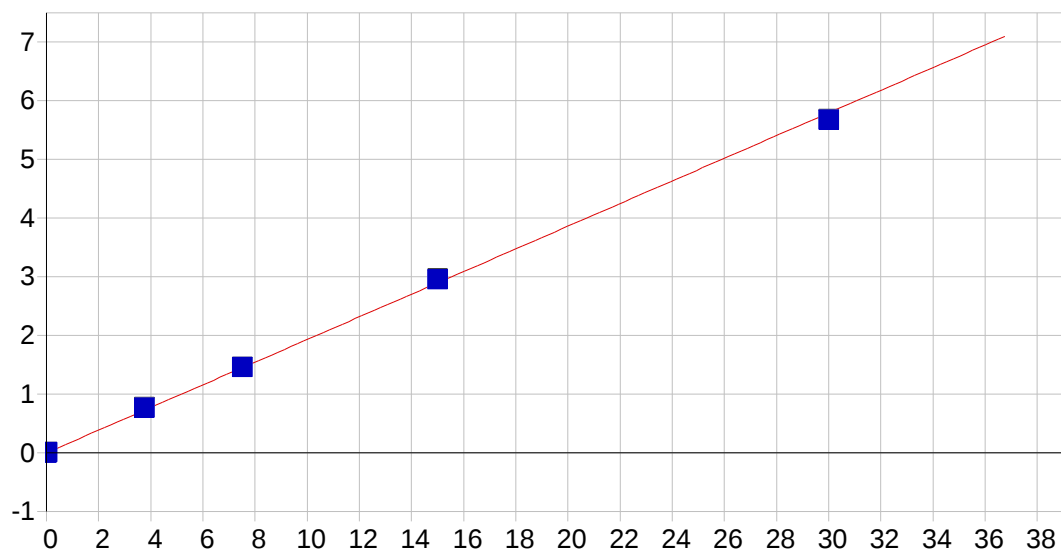


Co 228.616 {448}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.987679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680 Status: OK.
 Std Error of Est: 0.000665
 Predicted MDL: 0.000187
 Predicted MQL: 0.000625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.05000	.04661	-.003	-6.79	.04608	.000	1
S2	.62500	.66015	.035	5.62	.65311	.003	1
S3	1.2500	1.2593	.009	.744	1.2461	.006	1
S4	2.5000	2.5633	.063	2.53	2.5365	.005	1
S5	5.0000	4.8957	-.104	-2.09	4.8450	.006	1

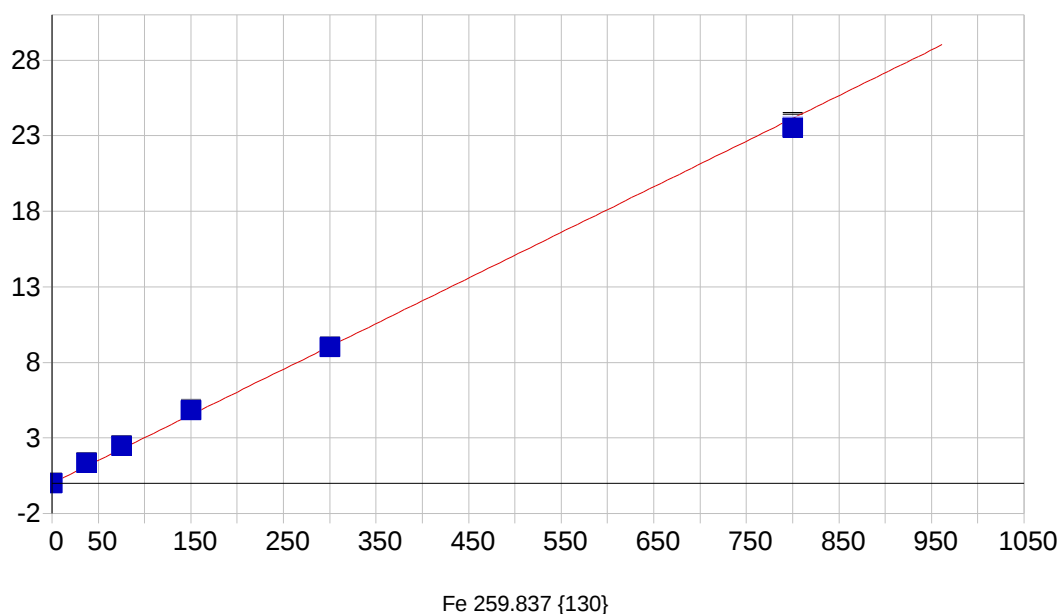


Cu 324.754 {104}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000464 Re-Slope: 1.000000
 A1 (Gain): 0.193111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.002508
 Predicted MQL: 0.008361

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.001	1
S1	.02500	.02630	.001	5.18	.00553	.000	1
S2	3.7500	3.9922	.242	6.46	.77094	.001	1
S3	7.5000	7.5402	.040	.537	1.4557	.003	1
S4	15.000	15.307	.307	2.05	2.9546	.009	1
S5	30.000	29.409	-.591	-1.97	5.6760	.009	1



Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000057

Re-Slope: 1.000000

A1 (Gain): 0.030183

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998959

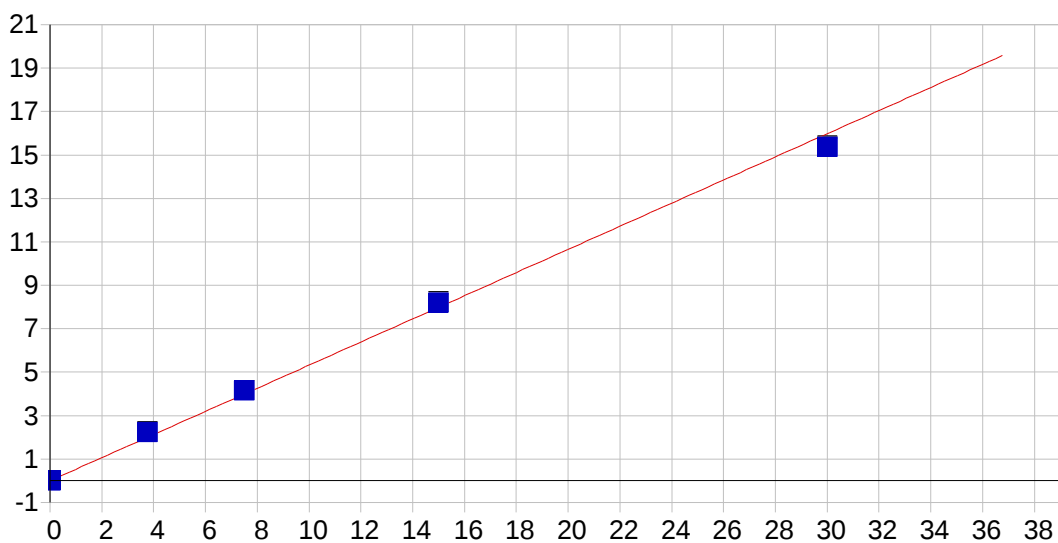
Status: OK.

Std Error of Est: 0.000605

Predicted MDL: 0.008725

Predicted MQL: 0.029083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00006	.000	1
S1	.10000	.10919	.009	9.19	.00342	.000	1
S2	37.500	44.064	6.56	17.5	1.3361	.005	1
S3	75.000	81.344	6.34	8.46	2.4673	.005	1
S4	150.00	159.79	9.79	6.53	4.8472	.035	1
S5	300.00	297.84	-2.16	-.720	9.0381	.016	1
S6	800.00	779.43	-20.6	-2.57	23.635	.263	1



Mn 257.610 {131}

Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000109

Re-Slope: 1.000000

A1 (Gain): 0.532636

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998924

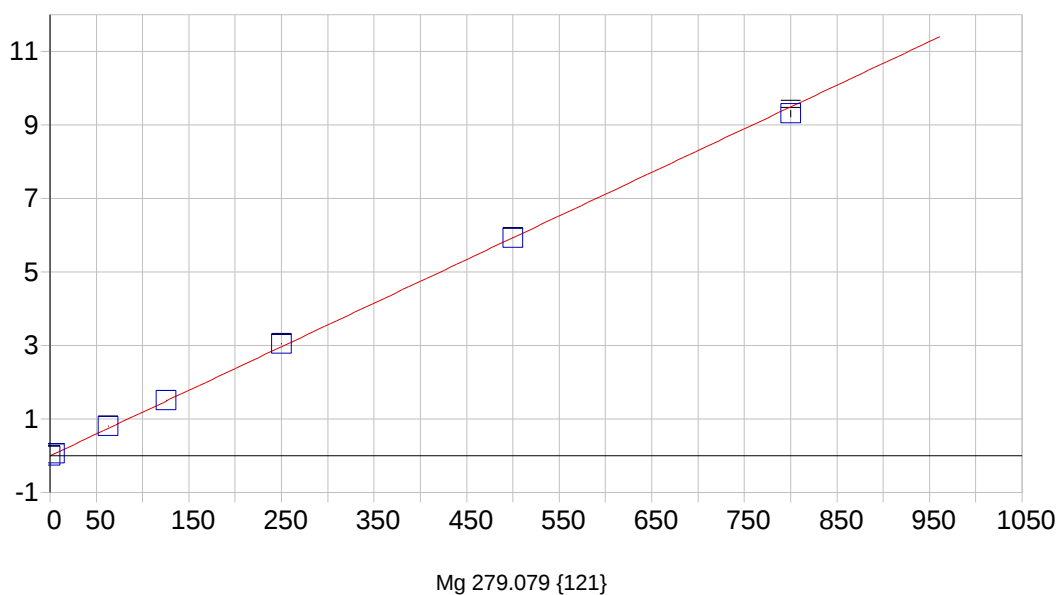
Status: OK.

Std Error of Est: 0.000880

Predicted MDL: 0.000499

Predicted MQL: 0.001664

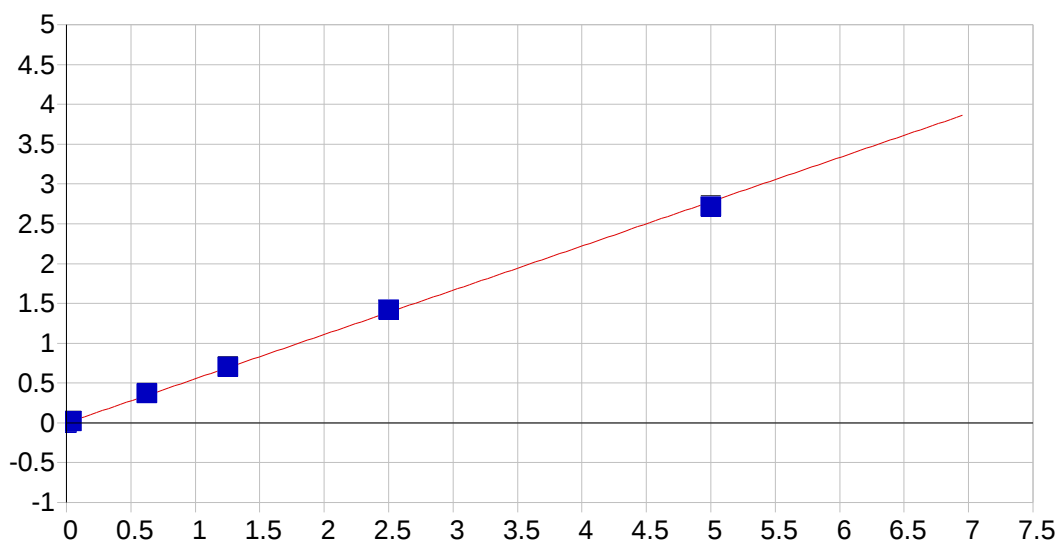
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01500	.01620	.001	7.99	.00852	.000	1
S2	3.7500	4.2104	.460	12.3	2.2430	.006	1
S3	7.5000	7.7959	.296	3.95	4.1532	.002	1
S4	15.000	15.382	.382	2.55	8.1948	.055	1
S5	30.000	28.860	-1.14	-3.80	15.376	.053	1



Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000419 Re-Slope: 1.000000
 A1 (Gain): 0.011862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711 Status: OK.
 Std Error of Est: 0.000995
 Predicted MDL: 0.026557
 Predicted MQL: 0.088523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	-.00043	.000	1
S1	5.0000	5.1228	.123	2.46	.06035	.001	1
S2	62.500	67.868	5.37	8.59	.80464	.001	1
S3	125.00	127.37	2.37	1.90	1.5105	.003	1
S4	250.00	257.33	7.33	2.93	3.0521	.015	1
S5	500.00	499.86	-.144	-.029	5.9289	.006	1
S6	800.00	784.95	-15.0	-1.88	9.3108	.098	1

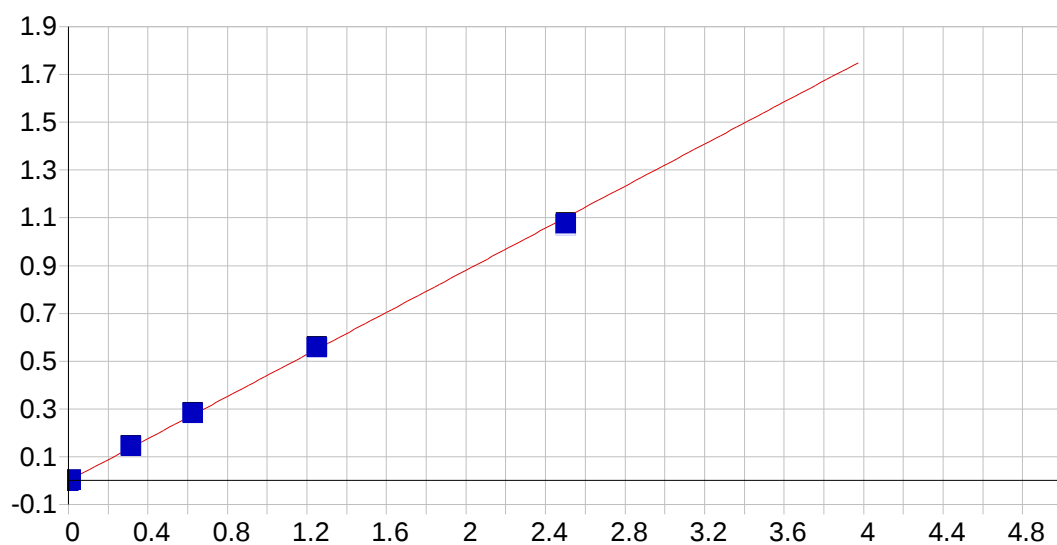


Ni 231.604 {446}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001273 Re-Slope: 1.000000
 A1 (Gain): 0.555568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.000352
 Predicted MDL: 0.000336
 Predicted MQL: 0.001120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.000	1
S1	.04000	.03916	-.001	-2.11	.02049	.000	1
S2	.62500	.66606	.041	6.57	.36948	.001	1
S3	1.2500	1.2652	.015	1.21	.70303	.002	1
S4	2.5000	2.5567	.057	2.27	1.4220	.004	1
S5	5.0000	4.8879	-.112	-2.24	2.7200	.005	1

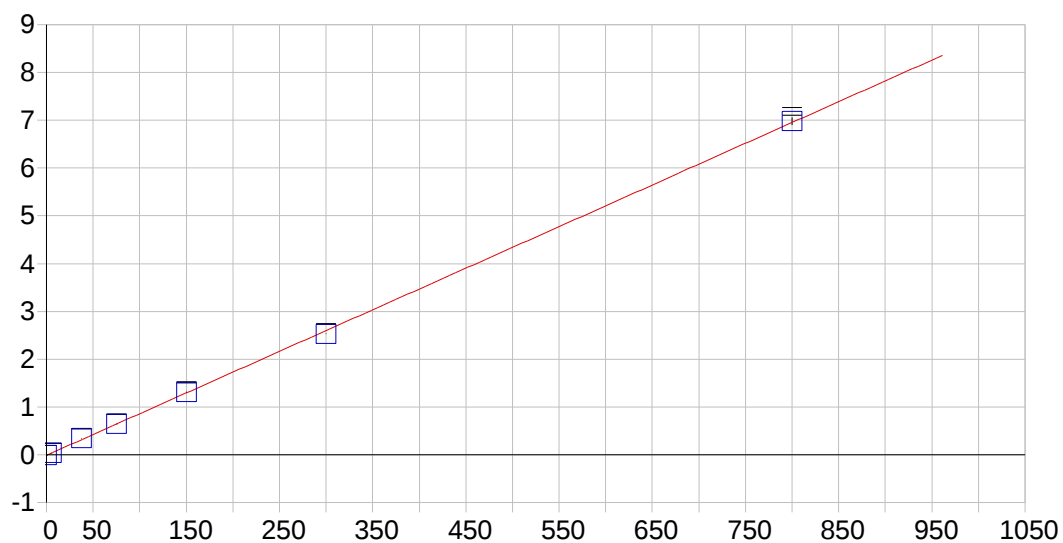


Ag 328.068 {103}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.440294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000355
 Predicted MQL: 0.001183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01029	.000	2.89	.00425	.000	1
S2	.31250	.33089	.018	5.89	.14450	.001	1
S3	.62500	.64593	.021	3.35	.28227	.001	1
S4	1.2500	1.2686	.019	1.49	.55454	.003	1
S5	2.5000	2.4418	-.058	-2.33	1.0674	.006	1



Na 818.326 { 41}

Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.012365

Re-Slope: 1.000000

A1 (Gain): 0.008704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999832

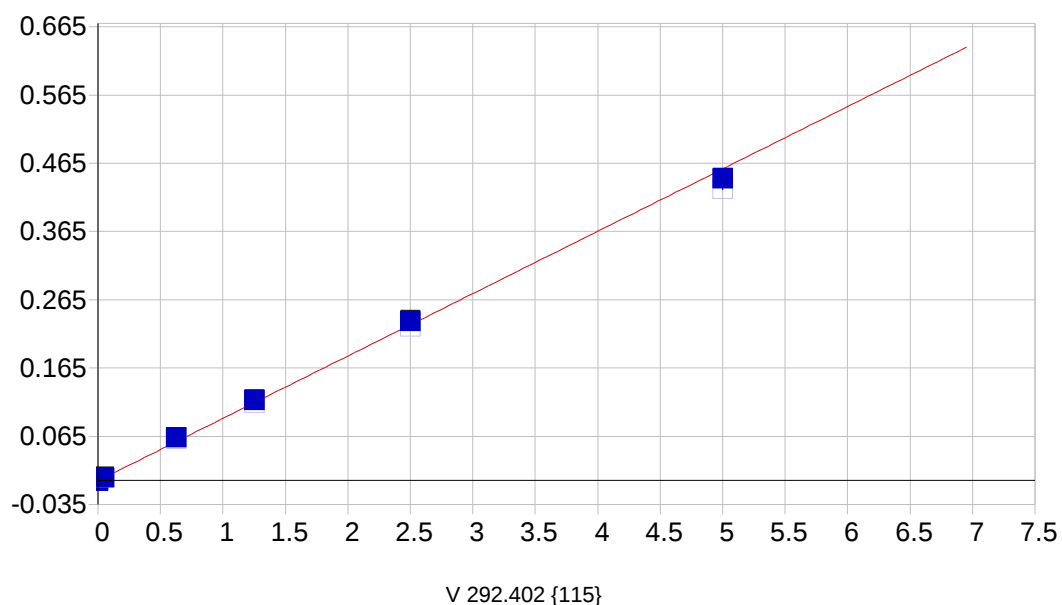
Status: OK.

Std Error of Est: 0.000494

Predicted MDL: 0.205299

Predicted MQL: 0.684330

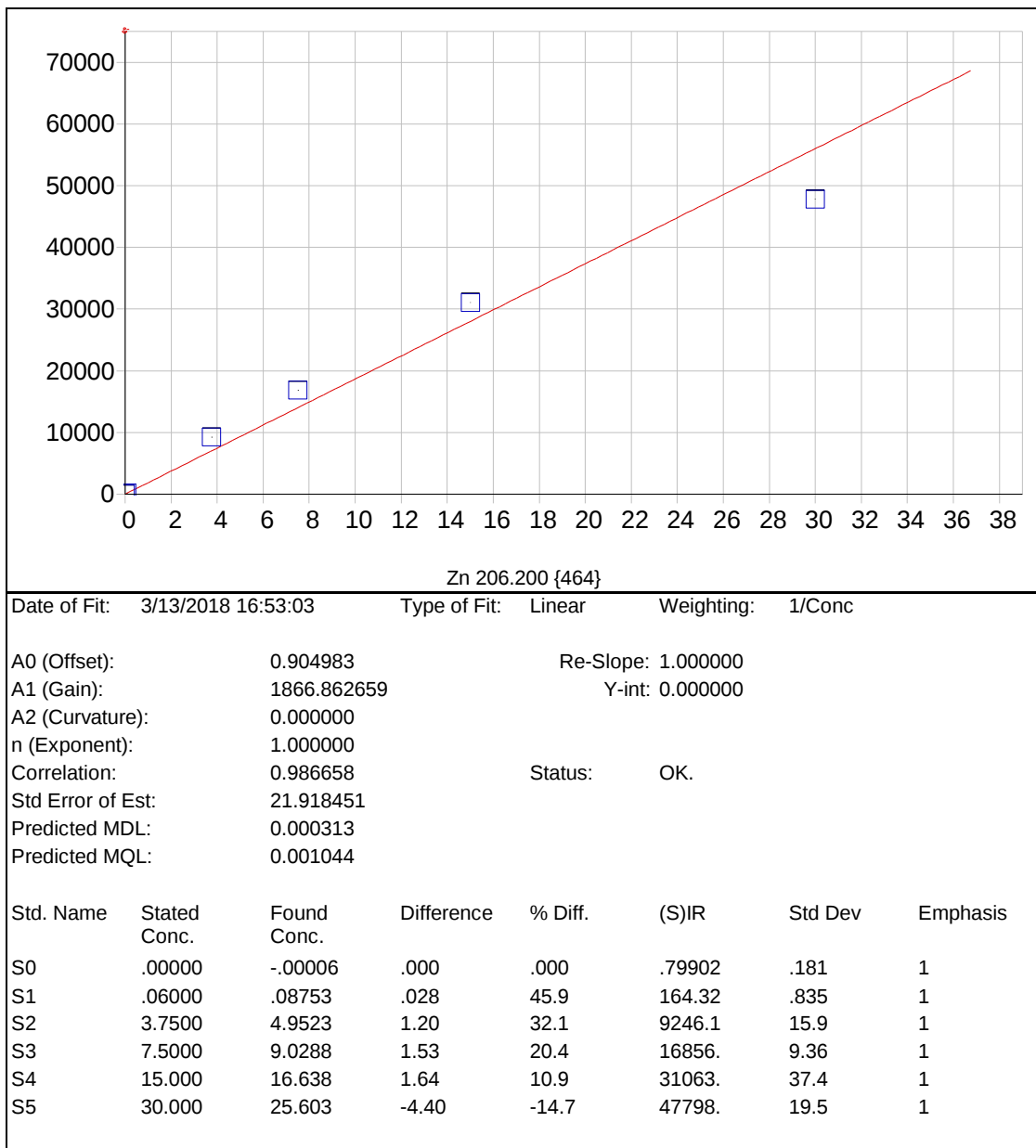
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	.000	.000	-.01237	.001	1
S1	5.0000	5.0830	.083	1.66	.03188	.001	1
S2	37.500	40.266	2.77	7.38	.33812	.003	1
S3	75.000	75.463	.463	.618	.64450	.001	1
S4	150.00	151.66	1.66	1.10	1.3077	.008	1
S5	300.00	291.85	-8.15	-2.72	2.5280	.004	1
S6	800.00	803.18	3.18	.398	6.9789	.082	1

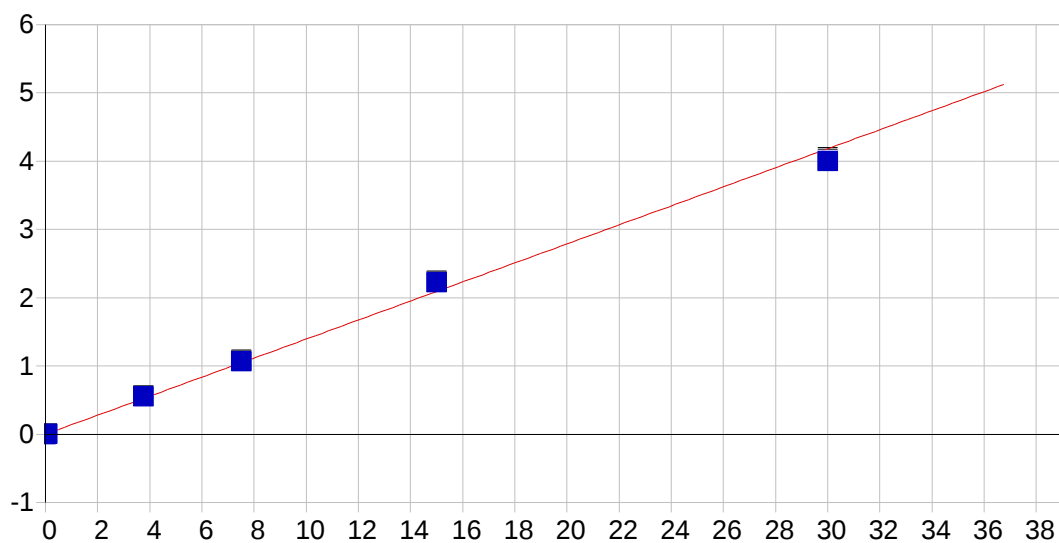


Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.091382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999199 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.003469
 Predicted MQL: 0.011563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00014	.000	1
S1	.05000	.05157	.002	3.14	.00457	.000	1
S2	.62500	.68995	.065	10.4	.06103	.000	1
S3	1.2500	1.2880	.038	3.04	.11379	.001	1
S4	2.5000	2.5539	.054	2.16	.22571	.002	1
S5	5.0000	4.8415	-.159	-3.17	.42722	.001	1





Zn 213.856 {158}

Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000117

Re-Slope: 1.000000

A1 (Gain): 0.139420

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998820

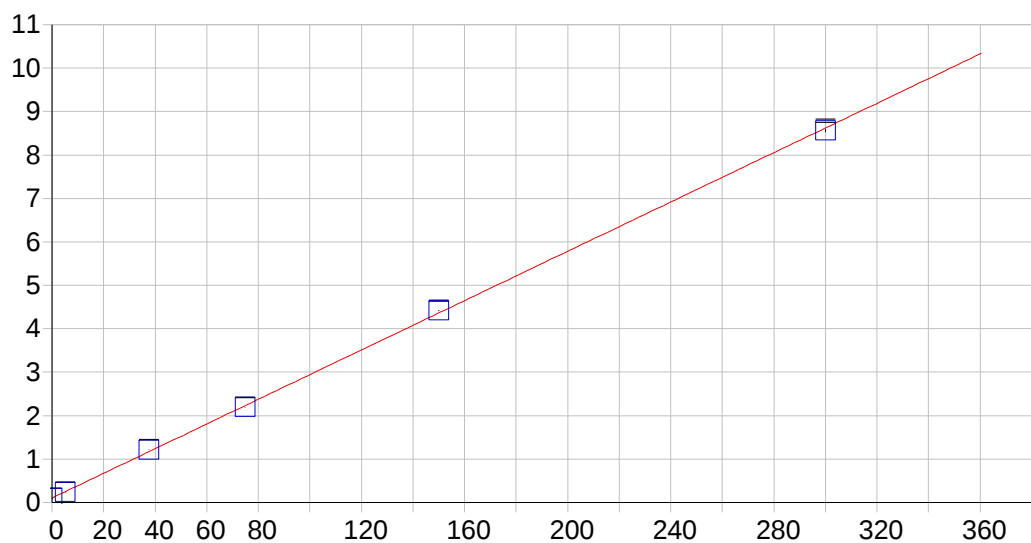
Status: OK.

Std Error of Est: 0.000485

Predicted MDL: 0.003635

Predicted MQL: 0.012116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.001	1
S1	.06000	.05835	-.002	-2.74	.00805	.001	1
S2	3.7500	3.9726	.223	5.93	.55619	.009	1
S3	7.5000	7.6502	.150	2.00	1.0714	.018	1
S4	15.000	15.949	.949	6.33	2.2333	.015	1
S5	30.000	28.680	-1.32	-4.40	4.0181	.033	1

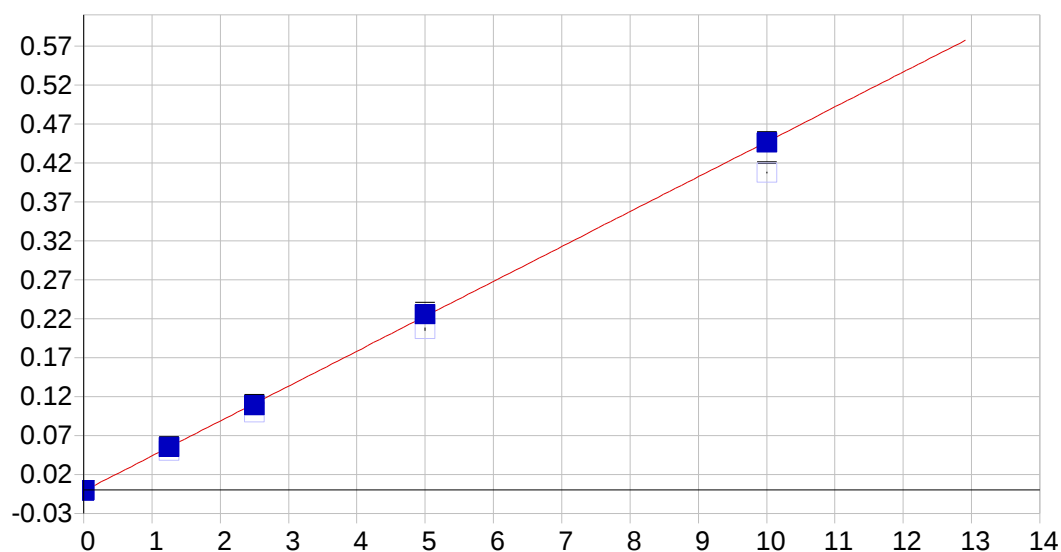


K 769.896 { 44}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.103528 Re-Slope: 1.000000
 A1 (Gain): 0.028397 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000964
 Predicted MDL: 0.055985
 Predicted MQL: 0.186617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.10353	.001	1
S1	5.0000	4.7183	-.282	-5.63	.23751	.002	1
S2	37.500	39.104	1.60	4.28	1.2140	.007	1
S3	75.000	73.588	-1.41	-1.88	2.1932	.006	1
S4	150.00	152.10	2.10	1.40	4.4227	.014	1
S5	300.00	297.99	-2.01	-.670	8.5656	.039	1

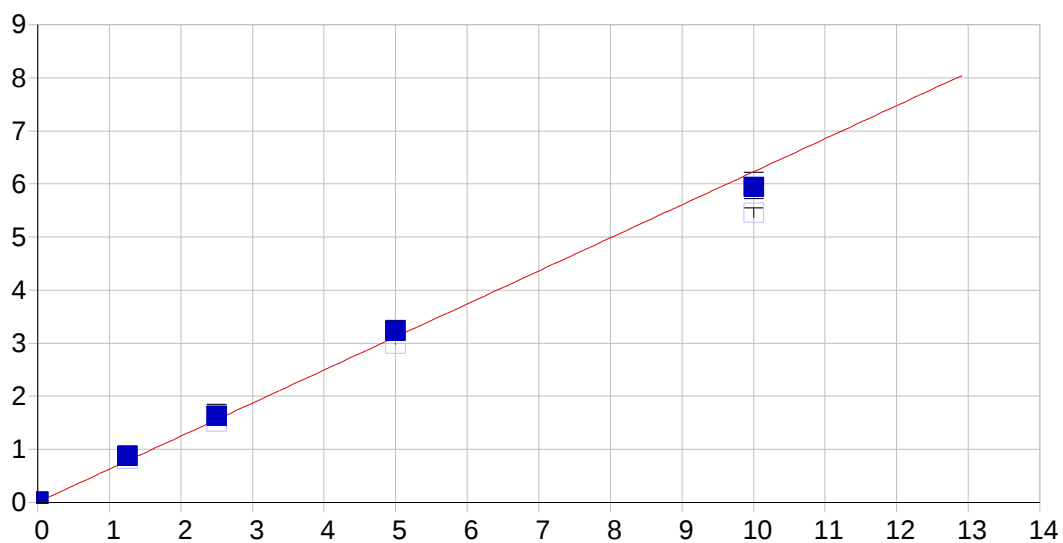


P 177.495 {490}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000878 Re-Slope: 1.000000
 A1 (Gain): 0.044789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001914
 Predicted MQL: 0.006380

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.01155	.002	15.5	-.00039	.000	1
S2	1.2500	1.2510	.001	.079	.05032	.001	1
S3	2.5000	2.4534	-.047	-1.86	.09935	.001	1
S4	5.0000	5.0627	.063	1.25	.20656	.002	1
S5	10.000	9.9813	-.019	-.187	.40755	.001	1

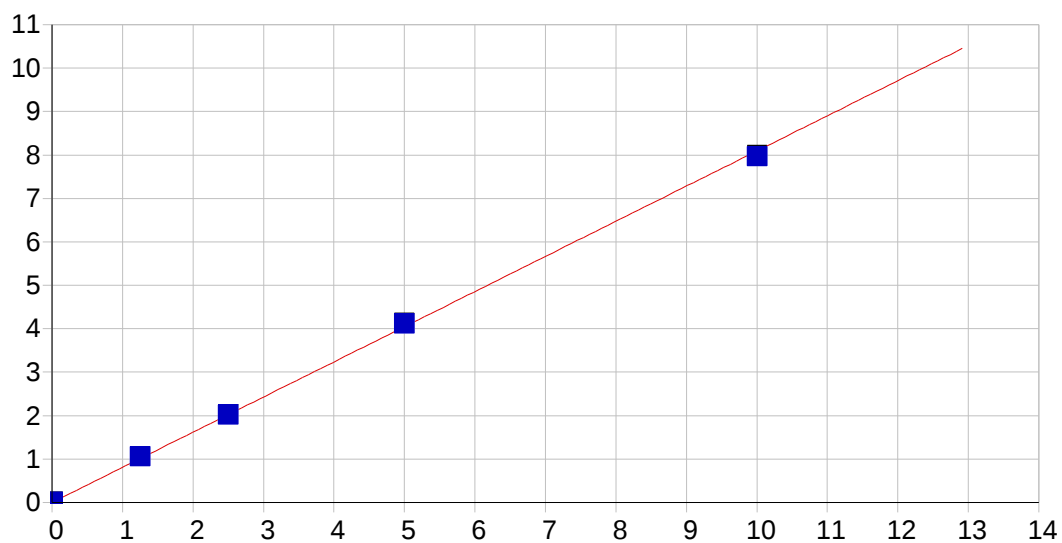


B 249.678 {135}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004635 Re-Slope: 1.000000
 A1 (Gain): 0.622517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998363 Status: OK.
 Std Error of Est: 0.000551
 Predicted MDL: 0.000877
 Predicted MQL: 0.002923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00463	.000	1
S1	.01000	.00820	-.002	-18.0	.00961	.000	1
S2	1.2500	1.4016	.152	12.1	.81552	.005	1
S3	2.5000	2.6226	.123	4.90	1.5140	.026	1
S4	5.0000	5.1834	.183	3.67	2.9848	.009	1
S5	10.000	9.5443	-.456	-4.56	5.4531	.086	1

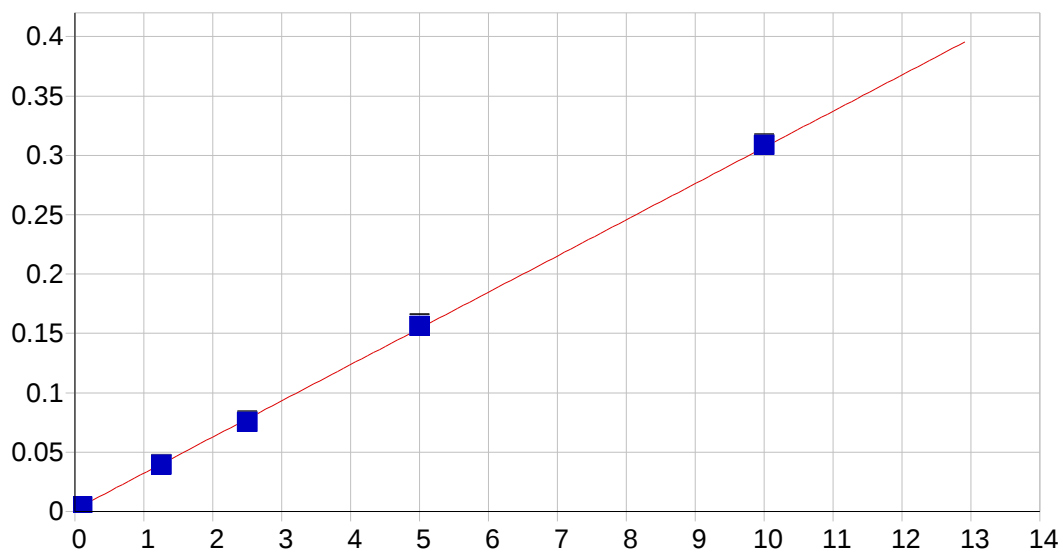


Mo 202.030 {467}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.809305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.000210
 Predicted MQL: 0.000700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.00960	.000	-4.03	.00795	.000	1
S2	1.2500	1.3135	.063	5.08	1.0632	.002	1
S3	2.5000	2.5008	.001	.031	2.0240	.001	1
S4	5.0000	5.0929	.093	1.86	4.1218	.010	1
S5	10.000	9.8432	-.157	-1.57	7.9660	.026	1

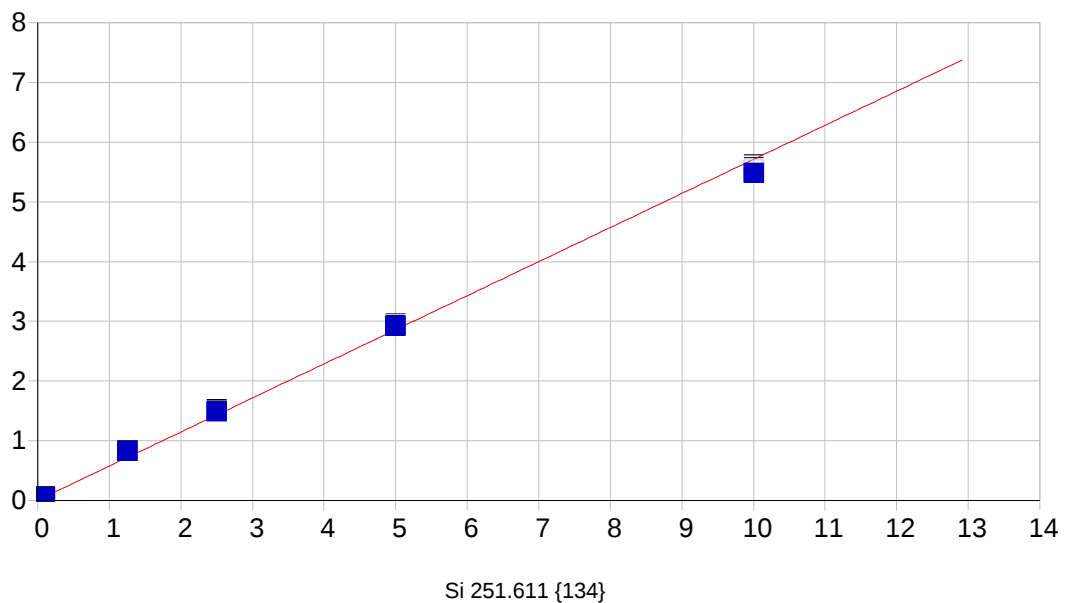


S 182.034 {485}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001704 Re-Slope: 1.000000
 A1 (Gain): 0.030497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003020
 Predicted MQL: 0.010067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00170	.000	1
S1	.10000	.08021	-.020	-19.8	.00415	.000	1
S2	1.2500	1.2302	-.020	-1.58	.03924	.000	1
S3	2.5000	2.4170	-.083	-3.32	.07544	.001	1
S4	5.0000	5.0633	.063	1.27	.15617	.002	1
S5	10.000	10.059	.059	.592	.30859	.001	1



Date of Fit: 3/13/2018 16:53:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004998

Re-Slope: 1.000000

A1 (Gain): 0.570626

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998713

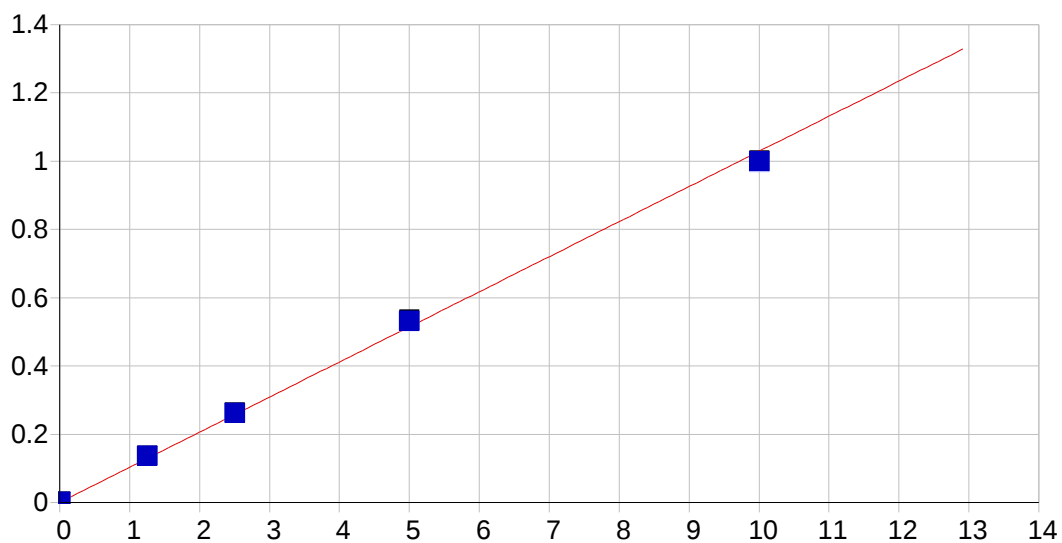
Status: OK.

Std Error of Est: 0.001553

Predicted MDL: 0.000970

Predicted MQL: 0.003232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00499	.001	1
S1	.10000	.09548	-.005	-4.52	.05968	.001	1
S2	1.2500	1.4356	.186	14.8	.83002	.008	1
S3	2.5000	2.5973	.097	3.89	1.4988	.027	1
S4	5.0000	5.1130	.113	2.26	2.9460	.008	1
S5	10.000	9.6086	-.391	-3.91	5.5347	.090	1

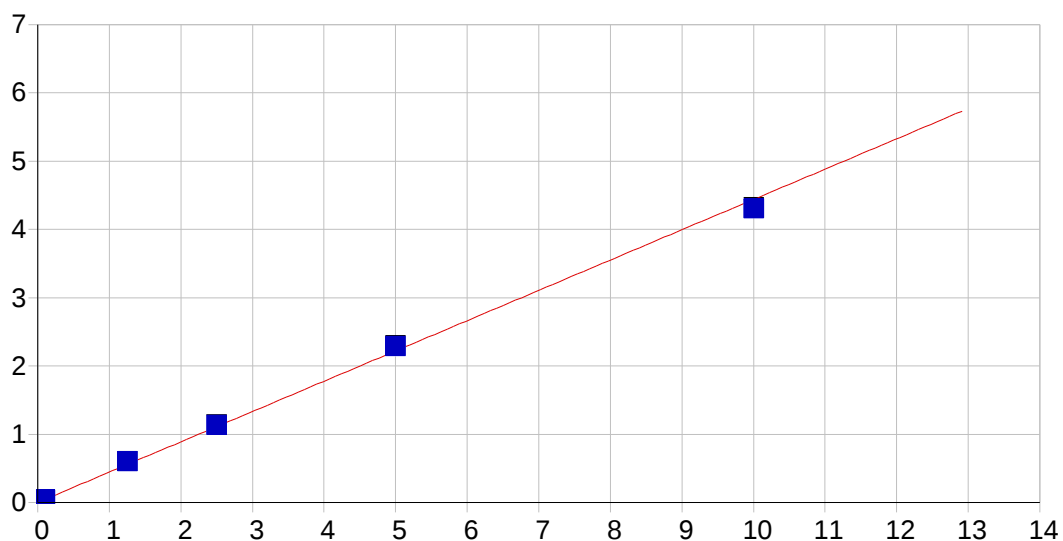


Sn 189.989 {478}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.102864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999487 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.000827
 Predicted MQL: 0.002755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00700	.00667	.000	-4.71	.00087	.000	1
S2	1.2500	1.3221	.072	5.77	.13593	.001	1
S3	2.5000	2.5440	.044	1.76	.26133	.001	1
S4	5.0000	5.1723	.172	3.45	.53112	.003	1
S5	10.000	9.7119	-.288	-2.88	.99694	.001	1

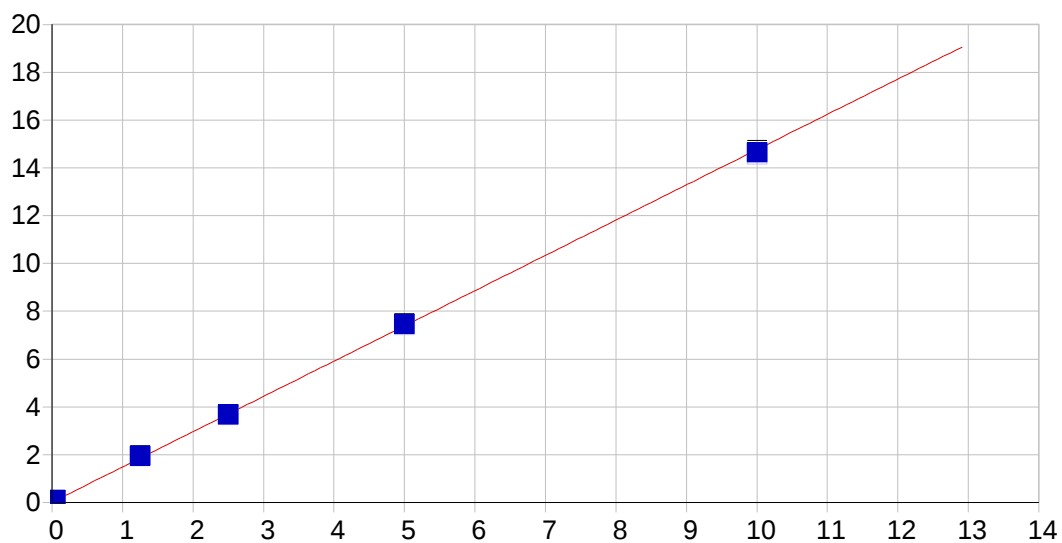


Ti 336.121 {100}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001044 Re-Slope: 1.000000
 A1 (Gain): 0.443866 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.000811
 Predicted MDL: 0.001205
 Predicted MQL: 0.004017

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.10000	.09478	-.005	-5.22	.04310	.000	1
S2	1.2500	1.3474	.097	7.79	.59889	.006	1
S3	2.5000	2.5544	.054	2.18	1.1344	.004	1
S4	5.0000	5.1495	.150	2.99	2.2859	.011	1
S5	10.000	9.7039	-.296	-2.96	4.3066	.015	1



Li 670.784 { 50}

Date of Fit: 3/13/2018 16:53:03 Type of Fit: Linear Weighting: 1/Conc

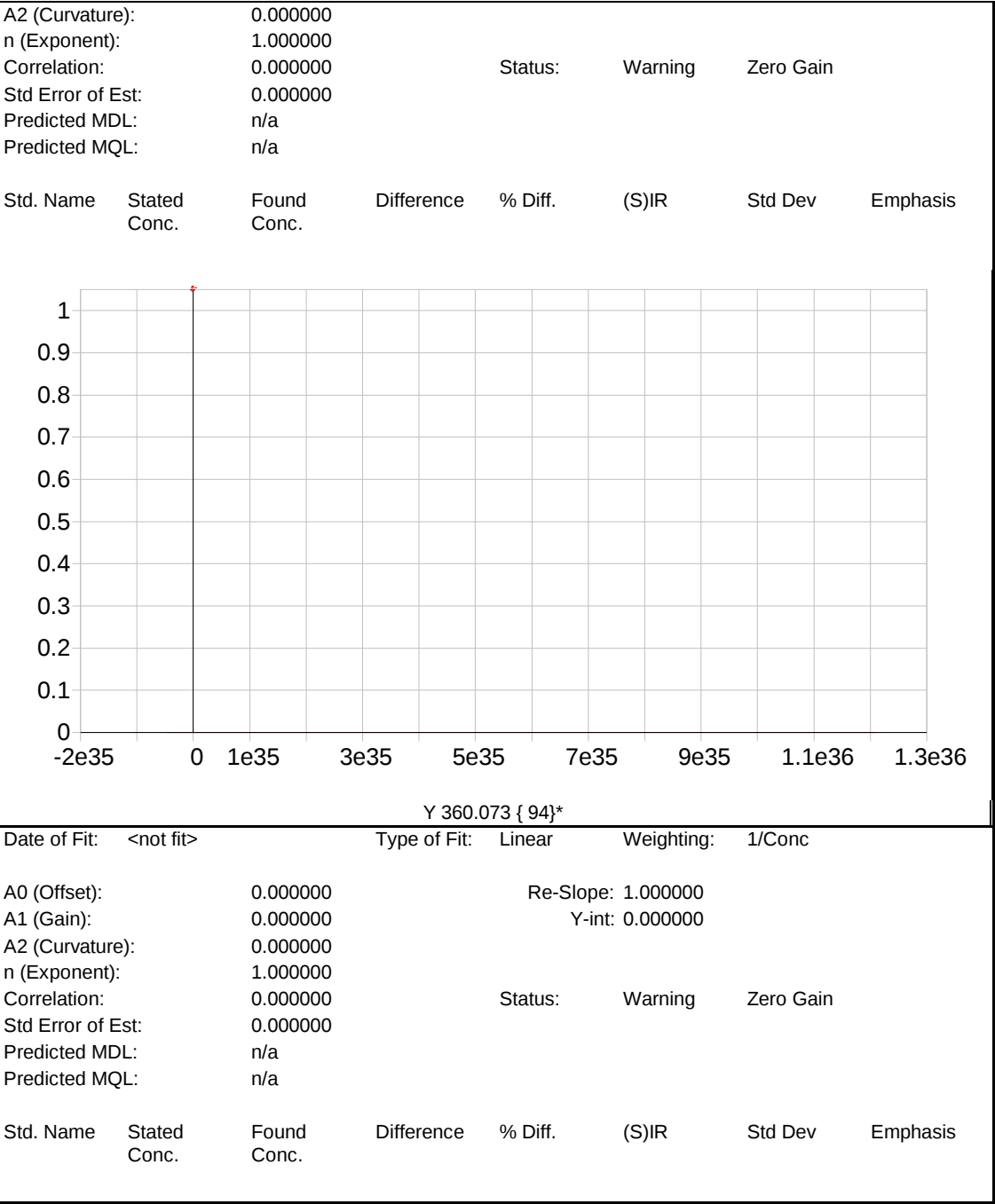
A0 (Offset): 0.012988 Re-Slope: 1.000000
 A1 (Gain): 1.474977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000806
 Predicted MDL: 0.001271
 Predicted MQL: 0.004238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01299	.002	1
S5	10.000	9.9195	-.080	-.805	14.561	.086	1
S4	5.0000	5.0487	.049	.974	7.4183	.027	1
S3	2.5000	2.4780	-.022	-.882	3.6472	.014	1
S2	1.2500	1.3064	.056	4.51	1.9295	.018	1
S1	.05000	.04744	-.003	-5.12	.08282	.001	1



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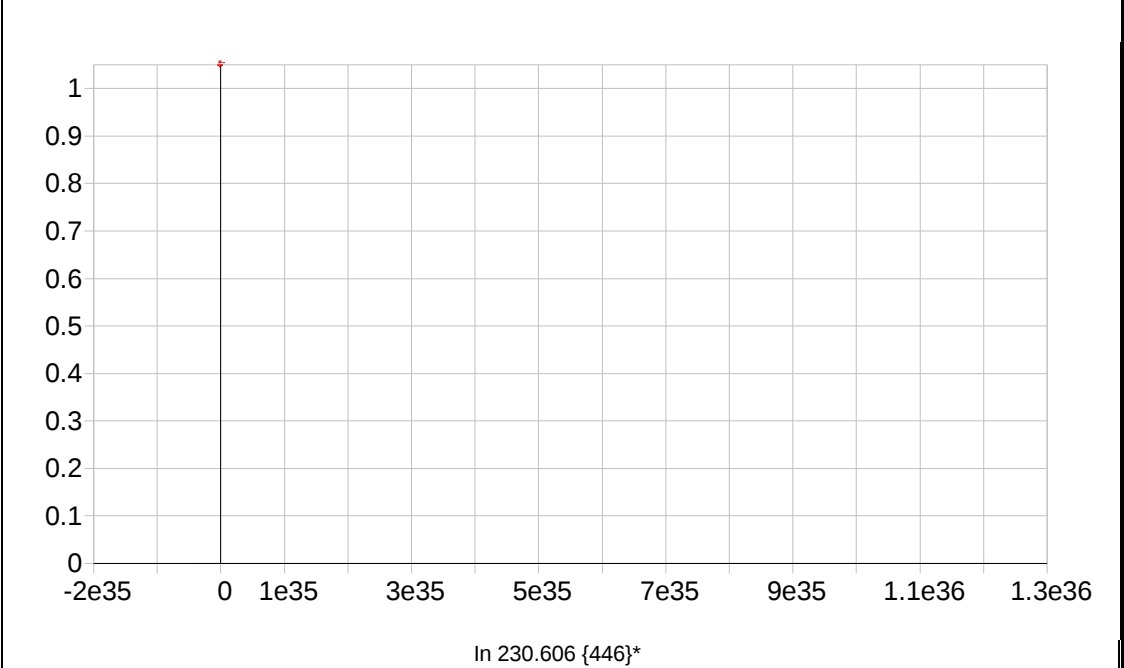




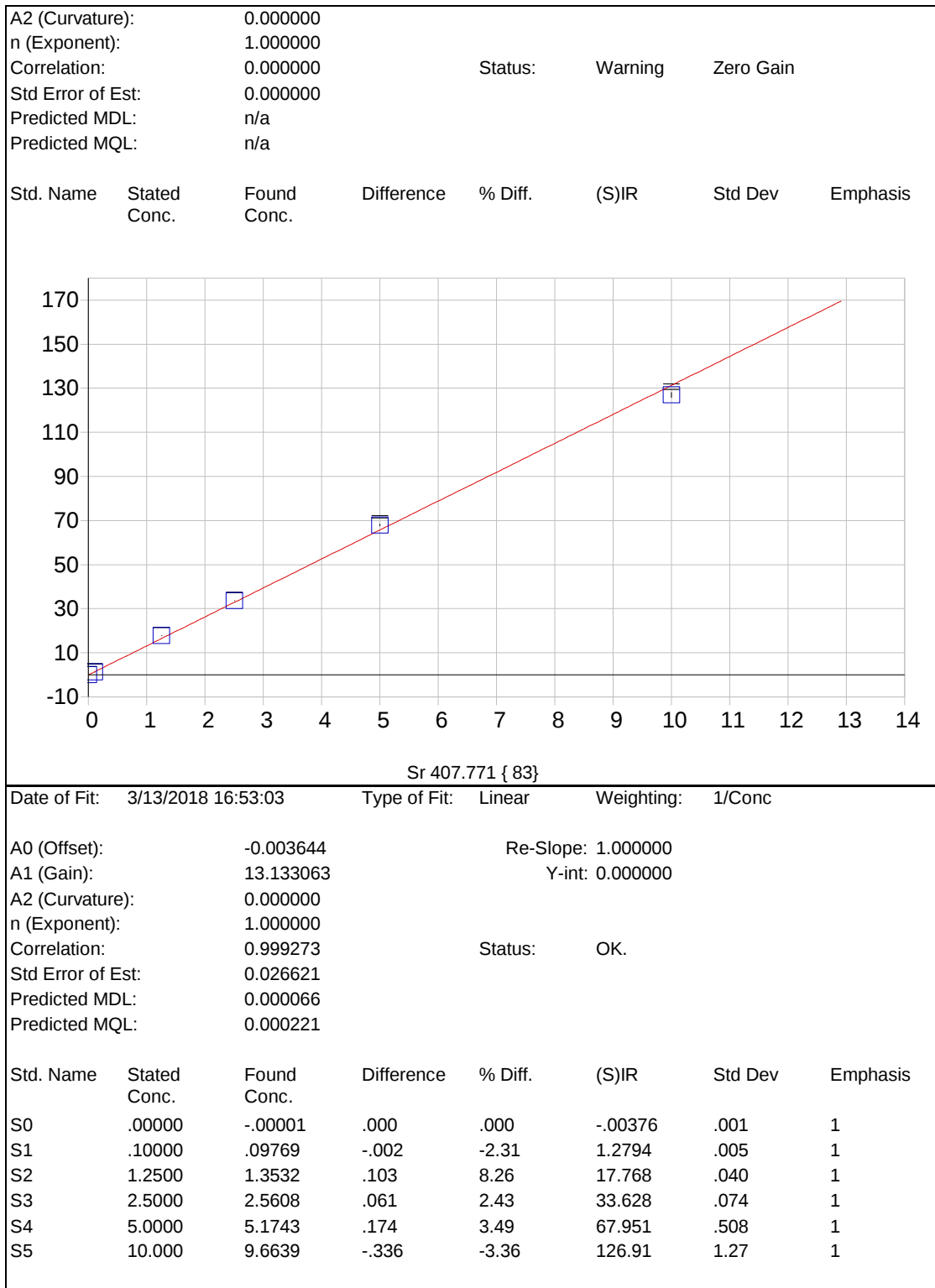


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 3/12/2018 12:01:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00004	-.00024	-.00013	.00014	.00026	.00086	-.00490	-.00246
Stddev	.00012	.00017	.00018	.00012	.00015	.00045	.00222	.00013
%RSD	277.54	71.890	139.75	87.448	57.965	51.962	45.277	5.0864

#1	-.00004	-.00015	.00004	.00018	.00018	.00097	-.00357	-.00245
#2	.00007	-.00013	-.00033	.00000	.00016	.00037	-.00367	-.00234
#3	-.00016	-.00044	-.00011	.00023	.00043	.00124	-.00746	-.00259

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	-.00026	.00230	-.00002	-.00013	.00046	.00006	-.00011	-.00043
Stddev	.00006	.00047	.00001	.00016	.00083	.00012	.00032	.00029
%RSD	23.400	20.291	56.446	122.94	178.41	208.62	283.85	68.311

#1	-.00024	.00274	-.00001	-.00032	-.00020	-.00006	.00023	-.00072
#2	-.00021	.00181	-.00002	-.00006	.00139	.00005	-.00017	-.00013
#3	-.00033	.00234	-.00003	-.00002	.00021	.00018	-.00039	-.00043

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	-.00127	-.00025	-.01237	-.00014	-.00012	.10353	-.00088	.00463
Stddev	.00016	.00005	.00144	.00005	.00058	.00056	.00006	.00010
%RSD	12.893	19.654	11.670	37.874	495.81	.54240	6.5884	2.0727

#1	-.00144	-.00021	-.01335	-.00019	.00053	.10412	-.00091	.00461
#2	-.00111	-.00024	-.01071	-.00009	-.00060	.10300	-.00091	.00456
#3	-.00127	-.00031	-.01304	-.00014	-.00027	.10348	-.00081	.00474

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	.00019	.00170	.00499	.00021	.00104	.01299	-.00376	
Stddev	.00019	.00002	.00089	.00005	.00037	.00191	.00060	
%RSD	98.259	1.4093	17.823	25.585	35.213	14.689	15.849	

#1	.00033	.00168	.00403	.00018	.00064	.01217	-.00325	
#2	-.00002	.00171	.00579	.00018	.00113	.01517	-.00361	
#3	.00026	.00173	.00515	.00028	.00136	.01162	-.00441	

Sample Name: S0 Acquired: 3/12/2018 12:01:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1815.7	4102.8	42167.	5965.0	4846.8
Stddev	10.0	10.4	133.	69.2	15.3
%RSD	.54902	.25289	.31596	1.1603	.31511
#1	1804.3	4107.0	42128.	5903.8	4845.0
#2	1822.5	4091.0	42315.	6040.1	4832.5
#3	1820.4	4110.4	42057.	5951.0	4862.9

Sample Name: S1 Acquired: 3/12/2018 12:05:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.00040	.00159	.00206	.00224	.00796	.01667	.75942	.02972
Stddev	.00005	.00006	.00017	.00011	.00023	.00086	.00532	.00026
%RSD	12.174	3.7421	8.1124	4.9231	2.8590	5.1353	.70033	.87941

#1	.00037	.00155	.00200	.00227	.00782	.01592	.76492	.02945
#2	.00046	.00157	.00192	.00232	.00823	.01760	.75902	.02972
#3	.00037	.00166	.00224	.00211	.00784	.01649	.75431	.02998

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	.01588	.35847	.00168	.04608	.00553	.00342	.00852	.06035
Stddev	.00023	.00285	.00003	.00024	.00037	.00022	.00026	.00072
%RSD	1.4253	.79537	1.7960	.51143	6.7051	6.5361	2.9974	1.1956

#1	.01605	.36040	.00169	.04583	.00510	.00351	.00862	.06069
#2	.01562	.35981	.00165	.04629	.00576	.00316	.00871	.06084
#3	.01596	.35519	.00170	.04613	.00573	.00358	.00823	.05952

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	.02049	.00425	.03188	.00457	.00805	.23751	-.00039	.00961
Stddev	.00017	.00007	.00111	.00033	.00094	.00200	.00006	.00049
%RSD	.82656	1.5481	3.4805	7.1919	11.619	.84077	15.908	5.1005

#1	.02030	.00422	.03279	.00486	.00781	.23817	-.00032	.00933
#2	.02058	.00421	.03221	.00462	.00908	.23527	-.00044	.01018
#3	.02060	.00433	.03064	.00421	.00726	.23910	-.00041	.00933

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	.00795	.00415	.05968	.00087	.04310	.08282	1.2794	
Stddev	.00016	.00012	.00130	.00006	.00022	.00127	.0048	
%RSD	1.9778	2.8993	2.1794	7.0831	.51966	1.5355	.37855	

#1	.00800	.00420	.05818	.00084	.04307	.08425	1.2739	
#2	.00808	.00424	.06029	.00094	.04289	.08239	1.2832	
#3	.00778	.00401	.06055	.00083	.04334	.08181	1.2809	

Sample Name: S1 Acquired: 3/12/2018 12:05:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1819.7	4042.7	41981.	5949.5	4719.7
Stddev	24.2	9.8	401.	65.2	18.5
%RSD	1.3285	.24134	.95429	1.0960	.39177
#1	1846.1	4039.4	42320.	6006.3	4720.0
#2	1814.3	4053.7	42084.	5964.0	4738.0
#3	1798.6	4035.0	41539.	5878.3	4701.0

Sample Name: S2 Acquired: 3/12/2018 12:10:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.05520	.09903	1.4761	.07690	.18378	3.2143	10.347	.82383
Stddev	.00041	.00063	.0034	.00025	.00078	.0245	.030	.00781
%RSD	.74521	.64007	.23314	.32760	.42431	.76200	.29480	.94839

#1	.05563	.09954	1.4795	.07661	.18464	3.2401	10.381	.82606
#2	.05517	.09923	1.4726	.07704	.18312	3.1913	10.322	.81515
#3	.05481	.09832	1.4762	.07705	.18358	3.2114	10.339	.83029

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	2.1724	4.7038	.69290	.65311	.77094	1.3361	2.2430	.80464
Stddev	.0059	.0195	.00206	.00283	.00149	.0046	.0058	.00115
%RSD	.27283	.41427	.29767	.43359	.19353	.34625	.26027	.14235

#1	2.1791	4.7235	.69458	.65626	.77251	1.3358	2.2470	.80502
#2	2.1705	4.6846	.69353	.65076	.76954	1.3316	2.2363	.80336
#3	2.1677	4.7032	.69060	.65232	.77078	1.3408	2.2456	.80555

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	.36948	.14450	.33812	.06103	.55619	1.2140	.05032	.81552
Stddev	.00115	.00061	.00291	.00040	.00880	.0067	.00064	.00485
%RSD	.31254	.42217	.85947	.66129	1.5818	.55174	1.2740	.59416

#1	.37074	.14515	.34118	.06131	.56575	1.2134	.05106	.81699
#2	.36848	.14394	.33781	.06121	.55439	1.2076	.04994	.81011
#3	.36921	.14441	.33539	.06056	.54844	1.2210	.04997	.81947

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	1.0632	.03924	.83002	.13593	.59889	1.9295	17.768
Stddev	.0016	.00031	.00768	.00069	.00595	.0180	.041
%RSD	.15054	.79224	.92540	.50833	.99332	.93169	.22793

#1	1.0642	.03936	.83098	.13668	.60576	1.9478	17.805
#2	1.0640	.03946	.82190	.13579	.59567	1.9119	17.725
#3	1.0613	.03888	.83718	.13532	.59525	1.9287	17.774

Sample Name: S2 Acquired: 3/12/2018 12:10:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1689.9	3724.1	39611.	5699.2	4050.5
Stddev	5.9	13.5	54.	29.0	17.9
%RSD	.34990	.36341	.13683	.50933	.44112
#1	1683.9	3708.6	39603.	5705.5	4030.3
#2	1695.7	3733.6	39562.	5724.6	4064.0
#3	1690.2	3730.0	39670.	5667.6	4057.3

Sample Name: S3 Acquired: 3/12/2018 12:13:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.10723	.18718	2.8363	.14815	.35395	6.1434	19.522	1.5163
Stddev	.00046	.00215	.0067	.00024	.00079	.0143	.021	.0197
%RSD	.43117	1.1508	.23495	.15964	.22367	.23345	.10769	1.2999

#1	.10722	.18962	2.8404	.14788	.35472	6.1548	19.531	1.4995
#2	.10770	.18638	2.8399	.14825	.35400	6.1481	19.537	1.5115
#3	.10678	.18554	2.8286	.14832	.35314	6.1273	19.498	1.5380

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	4.1352	8.7151	1.2920	1.2461	1.4557	2.4673	4.1532	1.5105
Stddev	.0134	.0131	.0031	.0060	.0027	.0054	.0018	.0033
%RSD	.32376	.15018	.23574	.48366	.18709	.21825	.04287	.21820

#1	4.1419	8.7078	1.2912	1.2507	1.4556	2.4711	4.1533	1.5100
#2	4.1439	8.7302	1.2894	1.2483	1.4584	2.4612	4.1549	1.5075
#3	4.1198	8.7072	1.2953	1.2393	1.4530	2.4697	4.1513	1.5140

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	.70303	.28227	.64450	.11379	1.0714	2.1932	.09935	1.5140
Stddev	.00244	.00082	.00143	.00083	.0184	.0063	.00125	.0261
%RSD	.34676	.29226	.22131	.72573	1.7206	.28914	1.2544	1.7264

#1	.70515	.28199	.64327	.11398	1.0829	2.1915	.10077	1.4930
#2	.70357	.28163	.64416	.11451	1.0811	2.1878	.09887	1.5056
#3	.70037	.28320	.64607	.11289	1.0501	2.2002	.09842	1.5433

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.0240	.07544	1.4988	.26133	1.1344	3.6472	33.628	
Stddev	.0014	.00075	.0270	.00132	.0037	.0141	.074	
%RSD	.06962	.99772	1.8013	.50414	.32504	.38560	.21983	

#1	2.0249	.07631	1.4776	.26260	1.1356	3.6623	33.694	
#2	2.0247	.07505	1.4896	.26142	1.1374	3.6448	33.548	
#3	2.0224	.07496	1.5292	.25997	1.1303	3.6344	33.643	

Sample Name: S3 Acquired: 3/12/2018 12:13:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1683.9	3673.8	40170.	5889.7	3930.5
Stddev	15.8	5.7	307.	41.1	14.4
%RSD	.93680	.15544	.76479	.69761	.36609
#1	1676.9	3670.7	39894.	5925.0	3918.3
#2	1672.9	3670.3	40113.	5899.6	3926.8
#3	1702.0	3680.4	40501.	5844.6	3946.4

Sample Name: S4 Acquired: 3/12/2018 12:17:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.22400	.36799	5.7961	.30656	.73893	12.701	39.404	3.0388
Stddev	.00102	.00363	.0073	.00179	.00181	.067	.205	.0054
%RSD	.45670	.98553	.12623	.58265	.24452	.52377	.51941	.17657

#1	.22301	.36385	5.7917	.30466	.73966	12.631	39.600	3.0330
#2	.22505	.36948	5.7920	.30682	.73687	12.763	39.422	3.0399
#3	.22395	.37063	5.8046	.30820	.74025	12.710	39.192	3.0436

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	8.3520	17.421	2.5620	2.5365	2.9546	4.8472	8.1948	3.0521
Stddev	.0238	.072	.0133	.0051	.0086	.0350	.0553	.0151
%RSD	.28505	.41127	.51926	.20156	.29133	.72283	.67425	.49437

#1	8.3435	17.501	2.5723	2.5347	2.9514	4.8859	8.2577	3.0694
#2	8.3337	17.399	2.5470	2.5324	2.9644	4.8177	8.1726	3.0415
#3	8.3789	17.363	2.5667	2.5422	2.9482	4.8380	8.1541	3.0453

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	1.4220	.55454	1.3077	.22571	2.2333	4.4227	.20656	2.9848
Stddev	.0036	.00348	.0079	.00176	.0146	.0137	.00236	.0091
%RSD	.25051	.62835	.60305	.77912	.65558	.31026	1.1438	.30565

#1	1.4208	.55856	1.3166	.22774	2.2456	4.4143	.20384	2.9777
#2	1.4192	.55277	1.3051	.22478	2.2371	4.4385	.20812	2.9817
#3	1.4260	.55230	1.3014	.22461	2.2171	4.4153	.20772	2.9951

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.1218	.15617	2.9460	.53112	2.2859	7.4183	67.951	
Stddev	.0098	.00174	.0080	.00254	.0112	.0275	.508	
%RSD	.23790	1.1156	.27106	.47887	.49099	.37069	.74768	

#1	4.1177	.15417	2.9372	.52840	2.2735	7.3946	68.085	
#2	4.1146	.15733	2.9480	.53153	2.2953	7.4484	67.389	
#3	4.1329	.15702	2.9528	.53343	2.2889	7.4118	68.379	

Sample Name: S4 Acquired: 3/12/2018 12:17:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1567.2	3413.9	38830.	5747.4	3616.8
Stddev	19.1	6.4	266.	17.6	7.6
%RSD	1.2160	.18611	.68578	.30599	.21129
#1	1545.2	3416.1	38523.	5751.7	3623.3
#2	1578.5	3418.9	38993.	5762.3	3618.8
#3	1577.9	3406.7	38975.	5728.0	3608.4

Sample Name: S5 Acquired: 3/12/2018 12:21:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.45142	.69294	11.265	.61300	1.4856	24.689	74.360	5.7752
Stddev	.00055	.00134	.002	.00169	.0033	.032	.437	.0849
%RSD	.12136	.19273	.02170	.27631	.21974	.13036	.58820	1.4694

#1	.45202	.69141	11.268	.61486	1.4883	24.671	73.856	5.8620
#2	.45095	.69389	11.263	.61154	1.4820	24.726	74.643	5.7712
#3	.45128	.69351	11.265	.61261	1.4866	24.670	74.580	5.6924

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	15.850	32.823	4.7161	4.8450	5.6760	9.0381	15.376	5.9289
Stddev	.022	.110	.0181	.0062	.0094	.0158	.053	.0058
%RSD	.13892	.33444	.38292	.12725	.16488	.17524	.34757	.09770

#1	15.872	32.835	4.7339	4.8451	5.6795	9.0342	15.401	5.9314
#2	15.828	32.927	4.6978	4.8388	5.6832	9.0555	15.411	5.9330
#3	15.849	32.708	4.7165	4.8511	5.6654	9.0246	15.314	5.9223

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7200	1.0674	2.5280	.42722	4.0181	8.5656	.40755	5.4531
Stddev	.0051	.0064	.0043	.00132	.0332	.0388	.00106	.0862
%RSD	.18831	.59864	.17085	.30826	.82727	.45297	.26055	1.5801

#1	2.7214	1.0742	2.5280	.42584	3.9799	8.5989	.40838	5.5472
#2	2.7143	1.0664	2.5324	.42847	4.0404	8.5748	.40635	5.4339
#3	2.7243	1.0615	2.5237	.42733	4.0340	8.5230	.40791	5.3781

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.9660	.30859	5.5347	.99694	4.3066	14.561	126.91	
Stddev	.0257	.00101	.0904	.00145	.0153	.086	1.27	
%RSD	.32302	.32573	1.6336	.14589	.35545	.59255	.99855	

#1	7.9884	.30967	5.6248	.99727	4.2915	14.467	126.59	
#2	7.9379	.30840	5.5354	.99535	4.3221	14.635	128.31	
#3	7.9717	.30769	5.4439	.99820	4.3064	14.581	125.84	

Sample Name: S5 Acquired: 3/12/2018 12:21:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	1426.9	3086.3	36975.	5545.9	3299.3
Stddev	6.5	8.5	47.	43.8	4.7
%RSD	.45442	.27587	.12593	.78971	.14111
#1	1419.8	3086.6	37028.	5498.6	3300.8
#2	1428.4	3094.6	36949.	5553.8	3303.1
#3	1432.5	3077.6	36946.	5585.1	3294.1

Sample Name: S6 Acquired: 3/12/2018 12:25:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	65.318	52.015	23.635	9.3108	6.9789
Stddev	.780	.511	.263	.0978	.0821
%RSD	1.1947	.98262	1.1144	1.0502	1.1762

#1	65.489	52.511	23.881	9.4030	7.0614
#2	65.999	52.044	23.668	9.3211	6.9779
#3	64.467	51.490	23.357	9.2082	6.8973

Int. Std.	Y_3710
Units	Cts/S
Avg	5456.3
Stddev	69.8
%RSD	1.2796

#1	5398.9
#2	5435.9
#3	5534.0

Sample Name: ICV Acquired: 3/12/2018 12:29:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.9252685	1.052282	.9541426	.9442126	.9034014	2.417319
Stddev	.0023348	.011450	.0033292	.0026127	.0048266	.011643
%RSD	.2523426	1.088157	.3489198	.2767036	.5342669	.4816698

#1	.9242795	1.039797	.9509211	.9421312	.8996565	2.407590
#2	.9235909	1.062294	.9539368	.9433621	.9016993	2.430219
#3	.9279350	1.054755	.9575699	.9471446	.9088484	2.414147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4916687	.4862952	.4855278	10.45514	.5183968	.4864431
Stddev	.0014649	.0044509	.0032206	.02961	.0027049	.0033765
%RSD	.2979401	.9152691	.6633306	.2832207	.5217825	.6941165

#1	.4900729	.4840929	.4822847	10.45696	.5178595	.4834251
#2	.4919810	.4914179	.4855733	10.42467	.5160008	.4858147
#3	.4929523	.4833748	.4887255	10.48380	.5213300	.4900897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165779	5.352366	.5171027	5.818373	.4962993	.4562465
Stddev	.0017263	.028069	.0028754	.015862	.0028019	.0048418
%RSD	.3341730	.5244168	.5560533	.2726245	.5645525	1.061229

#1	.5179202	5.328987	.5176384	5.829570	.4940774	.4531656
#2	.5146306	5.344616	.5139972	5.800222	.4953736	.4537466
#3	.5171830	5.383496	.5196726	5.825329	.4994469	.4618273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.662384	.4958213	1.017920	9.028448	F .0145300	5.152682
Stddev	.103163	.0035753	.009487	.018244	.0007773	.053743
%RSD	1.067680	.7210862	.9319877	.2020679	5.349573	1.043019

#1	9.763087	.4966268	1.010643	9.014947	.0152744	5.131269
#2	9.556925	.4919120	1.014468	9.049202	.0137236	5.213831
#3	9.667140	.4989252	1.028650	9.021194	.0145920	5.112945

Sample Name: ICV Acquired: 3/12/2018 12:29:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.824749	.0040691	4.645159	4.772763	5.140259	.0055283
Stddev	.026151	.0042461	.055902	.031039	.022132	.0004409
%RSD	.5420197	104.3497	1.203452	.6503302	.4305650	7.975512

#1	4.801927	.0068471	4.617704	4.737076	5.141605	.0058231
#2	4.819034	.0061788	4.709480	4.787729	5.161687	.0050214
#3	4.853284	-.000819	4.608292	4.793482	5.117484	.0057403

Elem	Sr4077
Units	ppm
Avg	.0119509
Stddev	.0001121
%RSD	.9382597

#1	.0118605
#2	.0120764
#3	.0119157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.902	4024.785	44317.75	6074.464	4592.960
Stddev	22.785	14.828	478.45	35.359	16.911
%RSD	1.181258	.3684058	1.079586	.5821004	.3681863

#1	1942.106	4029.270	44452.55	6089.376	4604.862
#2	1942.009	4036.852	44714.34	6034.091	4600.414
#3	1902.592	4008.233	43786.37	6099.924	4573.602

Sample Name: ICB Acquired: 3/12/2018 12:51:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	-.000810	.0000621	.0003772	.0005909	.0008158	.0066853	-.000477
Stddev	.000806	.0009885	.0004525	.0010021	.0012084	.0081780	.000180
%RSD	99.54104	1593.065	119.9465	169.5959	148.1332	122.3280	37.76988

#1	-.000221	.0004281	.0000581	-.000010	.0007711	.0031715	-.000274
#2	-.000480	-.001057	.0001786	.000035	-.000370	.0160330	-.000616
#3	-.001728	.000815	.0008950	.001748	.002046	.0008515	-.000542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000548	.0000345	-.009947	-.000313	-.000107	.0003270	-.000261
Stddev	.0000972	.0000296	.011851	.000413	.000110	.0026602	.010382
%RSD	177.4836	85.89161	119.1465	132.0703	102.6771	813.5904	3977.900

#1	-.000057	.0000241	-.011657	-.000790	-.000176	-.002548	-.011496
#2	.000109	.0000679	-.020850	-.000081	-.000165	.000828	.008979
#3	.000112	.0000114	.002667	-.000068	.000020	.002701	.001734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000548	-.005779	-.000035	.0000919	.1205855	-.001042	-.003593
Stddev	.0002828	.016406	.000058	.0000852	.0728251	.001377	.001003
%RSD	515.7932	283.8898	165.4585	92.69747	60.39288	132.1416	27.91830

#1	.0001406	-.000046	-.000041	.0001068	.0658412	-.002585	-.004729
#2	.0002848	-.024282	.000026	.0000002	.2032368	-.000601	-.002831
#3	-.000261	.006991	-.000090	.0001686	.0926785	.000060	-.003219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.763787	.0007782	-.002809	.0000975	-.003119	-.003677	.0005299
Stddev	.050778	.0017637	.000086	.0000578	.003008	.000493	.0006785
%RSD	6.648140	226.6473	3.073215	59.27148	96.44775	13.40310	128.0308

#1	-.784503	-.000136	-.002908	.0000605	-.000617	-.003900	.0012575
#2	-.705926	.002811	-.002771	.0001642	-.006457	-.003112	-.000085
#3	-.800931	-.000341	-.002748	.0000680	-.002283	-.004018	.000418

Sample Name: ICB Acquired: 3/12/2018 12:51:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	-.000620	.0006000	-.000027
Stddev	.000462	.0013051	.000040
%RSD	74.55879	217.5286	150.0093

#1	-.000760	.0002546	-.000043
#2	-.000997	.0020430	.000019
#3	-.000104	-.000498	-.000055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.036	4183.882	47500.46	6384.446	4963.658
Stddev	12.924	8.549	28.01	18.458	17.204
%RSD	.6258575	.2043211	.0589706	.2891073	.3465925

#1	2059.571	4191.105	47505.67	6381.291	4978.654
#2	2055.741	4186.098	47470.20	6367.768	4967.442
#3	2079.795	4174.444	47525.49	6404.277	4944.877

Sample Name: ICSA Acquired: 3/12/2018 12:55:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058514	.0006715	-.005473	-.002606	.0076670	251.1398	.0050744
Stddev	.0014780	.0013809	.001711	.003517	.0020345	.8195	.0001560
%RSD	25.25930	205.6383	31.26829	134.9741	26.53565	.3263228	3.074995

#1	.0073329	.0007947	-.007332	-.003806	.0089196	250.6104	.0048975
#2	.0043769	-.000767	-.005124	-.005365	.0087618	250.7252	.0051928
#3	.0058445	.001987	-.003963	.001354	.0053195	252.0837	.0051328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011166	-.001236	254.1671	.0536929	-.000407	.0004434	100.6593
Stddev	.0000892	.000030	.9909	.0007269	.000319	.0010830	.3632
%RSD	7.991826	2.437436	.3898689	1.353751	78.37554	244.2503	.3608688

#1	.0011962	-.001203	253.6449	.0533166	-.000727	.0011120	100.4093
#2	.0010201	-.001246	255.3099	.0545307	-.000090	-.000806	101.0760
#3	.0011334	-.001261	253.5465	.0532313	-.000403	.001024	100.4926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113506	249.9821	.0034431	.0010134	-.086161	.0009772	-.019932
Stddev	.0002666	1.6212	.0004481	.0002775	.208942	.0020962	.002804
%RSD	2.348375	.6485169	13.01439	27.38285	242.5021	214.4997	14.06913

#1	.0112544	248.4945	.0030070	.0008182	.048657	-.000768	-.022717
#2	.0111454	251.7101	.0034200	.0013311	.019707	.000397	-.017109
#3	.0116519	249.7417	.0039023	.0008909	-.326847	.003302	-.019971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.985117	-.002046	.0038926	.0019794	.0089561	-.004893	-.000884
Stddev	.034765	.002722	.0019185	.0003797	.0033317	.001024	.000566
%RSD	3.529065	133.0411	49.28585	19.18069	37.20063	20.92028	64.05190

#1	-1.00193	.000213	.0041932	.0020131	.0119153	-.003715	-.000726
#2	-1.00828	-.001283	.0056430	.0023411	.0053475	-.005399	-.000414
#3	-.94514	-.005069	.0018415	.0015840	.0096054	-.005565	-.001513

Sample Name: ICSA Acquired: 3/12/2018 12:55:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001965	.0037495	.1033661
Stddev	.000478	.0006613	.0002843
%RSD	24.34137	17.63761	.2749950

#1	-.002069	.0033248	.1031453
#2	-.001444	.0034122	.1032661
#3	-.002384	.0045114	.1036868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.881	3587.422	40869.30	5813.876	3759.197
Stddev	2.773	11.668	69.69	34.416	9.290
%RSD	.1558055	.3252483	.1705143	.5919635	.2471179

#1	1777.379	3574.699	40790.91	5842.159	3749.580
#2	1779.402	3597.623	40892.74	5823.913	3768.120
#3	1782.862	3589.944	40924.24	5775.558	3759.891

Sample Name: ICSAB Acquired: 3/12/2018 12:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934867	.1037899	.0408622	.0460832	.5822993	239.8288	.4929616
Stddev	.0021887	.0020573	.0014162	.0050788	.0015407	.8917	.0019067
%RSD	2.341140	1.982154	3.465854	11.02086	.2645879	.3718233	.3867845

#1	.0956630	.1019307	.0396060	.0511619	.5837098	240.2118	.4916203
#2	.0912859	.1034389	.0405836	.0410044	.5806551	240.4650	.4951443
#3	.0935113	.1060001	.0423970	.0460832	.5825331	238.8095	.4921202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4781901	.9734788	243.2208	.5554942	.4860831	.5005355	95.79336
Stddev	.0018246	.0042491	.8940	.0016340	.0009915	.0015327	.50721
%RSD	.3815732	.4364890	.3675765	.2941487	.2039788	.3062196	.5294878

#1	.4783034	.9772356	242.4585	.5573730	.4866949	.4989375	95.55464
#2	.4799554	.9743335	244.2048	.5547041	.4866153	.5019934	96.37588
#3	.4763114	.9688673	242.9991	.5544053	.4849391	.5006757	95.44954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051760	237.8782	.9720103	.1834437	-.000101	.4787342	1.022430
Stddev	.0031662	1.2817	.0009970	.0010716	.094039	.0032006	.004725
%RSD	.6267582	.5387876	.1025709	.5841511	93549.33	.6685481	.4621638

#1	.5022747	236.9404	.9728822	.1827153	.037595	.4823943	1.020685
#2	.5085532	239.3386	.9722254	.1846741	.069242	.4764608	1.018825
#3	.5047000	237.3555	.9709233	.1829415	-.107139	.4773476	1.027780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.48654	.0109121	.0055465	.0017311	.0107045	-.004153	-.001868
Stddev	.04568	.0016151	.0017668	.0003589	.0053216	.000890	.000506
%RSD	3.072709	14.80093	31.85356	20.73024	49.71337	21.43186	27.10725

#1	-1.44911	.0093755	.0038548	.0014360	.0127338	-.004737	-.001320
#2	-1.53744	.0107652	.0054049	.0021306	.0046669	-.003129	-.002319
#3	-1.47307	.0125956	.0073799	.0016267	.0147129	-.004594	-.001964

Sample Name: ICSAB Acquired: 3/12/2018 12:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002491	.0022757	.0984904
Stddev	.000616	.0003428	.0002440
%RSD	24.74626	15.06354	.2476982

#1	-.001852	.0026698	.0985853
#2	-.002539	.0020466	.0986727
#3	-.003082	.0021107	.0982133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.911	3739.397	42249.26	6050.032	3928.699
Stddev	6.763	13.199	55.49	15.274	15.160
%RSD	.3675536	.3529842	.1313449	.2524549	.3858673

#1	1841.854	3733.280	42203.12	6034.892	3917.734
#2	1845.489	3730.367	42310.83	6049.768	3922.364
#3	1832.390	3754.546	42233.82	6065.436	3945.998

Sample Name: CCV030 Acquired: 3/12/2018 13:04:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.958204	4.876349	24.53643	4.977312	4.945855	396.7838	9.651059
Stddev	.022893	.009833	.05007	.012433	.005909	1.0558	.021179
%RSD	.4617110	.2016543	.2040697	.2497903	.1194657	.2660905	.2194443

#1	4.958092	4.872247	24.51132	4.989192	4.939766	397.7014	9.632145
#2	4.935368	4.869230	24.59409	4.964391	4.951565	397.0202	9.647091
#3	4.981153	4.887569	24.50389	4.978353	4.946236	395.6299	9.673941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4640139	2.446862	380.8416	15.02137	2.457302	14.94574	378.6300
Stddev	.0029563	.006830	.3216	.02111	.005190	.00168	.6344
%RSD	.6371213	.2791463	.0844424	.1405268	.2111909	.0112170	.1675516

#1	.4638673	2.440157	380.9447	14.99761	2.452784	14.94731	379.0376
#2	.4611336	2.453811	381.0990	15.02856	2.462970	14.94592	377.8990
#3	.4670408	2.446618	380.4811	15.03795	2.456152	14.94397	378.9532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02375	373.4326	2.475652	1.271216	373.8961	2.317220	15.99816
Stddev	.01382	.8696	.005185	.001511	.0337	.002033	.14436
%RSD	.0985429	.2328607	.2094585	.1188582	.0090225	.0877424	.9023486

#1	14.03564	374.1860	2.470676	1.269654	373.9115	2.319502	15.96108
#2	14.00859	372.4811	2.481024	1.271323	373.9194	2.316556	16.15744
#3	14.02703	373.6308	2.475257	1.272670	373.8574	2.315602	15.87595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0563	5.166348	4.596905	4.844859	5.143946	4.450832	4.991611
Stddev	.2267	.021518	.038260	.008138	.034581	.036035	.005543
%RSD	.1510678	.4165051	.8322983	.1679706	.6722739	.8096305	.1110501

#1	150.1591	5.157795	4.599847	4.850880	5.108699	4.451490	4.985582
#2	149.7964	5.150420	4.557259	4.848097	5.145319	4.414473	4.996488
#3	150.2134	5.190827	4.633609	4.835600	5.177821	4.486534	4.992763

Sample Name: CCV030 Acquired: 3/12/2018 13:04:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.064181	5.042257	5.125925
Stddev	.014888	.014754	.047004
%RSD	.2939771	.2925979	.9169949

#1	5.078251	5.048033	5.092390
#2	5.065699	5.053248	5.105733
#3	5.048592	5.025489	5.179651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.649	3386.001	40329.10	6023.728	3495.538
Stddev	6.143	6.449	222.74	18.652	2.711
%RSD	.3719374	.1904640	.5523061	.3096404	.0775425

#1	1657.935	3378.733	40384.83	6008.684	3497.384
#2	1645.659	3388.233	40083.78	6044.598	3492.426
#3	1651.354	3391.038	40518.68	6017.904	3496.804

Sample Name: CCB030 Acquired: 3/12/2018 13:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001220	.0009673	.0003317	.0016073	-.000155	.0087178	-.001192
Stddev	.003109	.0006417	.0006341	.0024094	.000620	.0020405	.000528
%RSD	254.7857	66.34018	191.1523	149.9044	400.0354	23.40601	44.34040

#1	-.004717	.0017080	.0007806	.0039283	.000126	.0098531	-.001582
#2	.001231	.0005829	.0006083	-.000882	-.000866	.0063621	-.000590
#3	-.000174	.0006109	-.000394	.001775	.000275	.0099380	-.001402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000462	.0000782	.0043374	-.000007	.0000367	.0023621	.0090737
Stddev	.0000723	.0000251	.0108768	.000377	.0001332	.0008201	.0139883
%RSD	156.4336	32.16346	250.7663	5591.448	362.6123	34.71998	154.1642

#1	.0001297	.0000557	.0035438	-.000362	.0001187	.0025052	.0247811
#2	.0000064	.0001053	-.006121	.000389	-.000117	.0031012	-.002040
#3	.0000026	.0000735	.015589	-.000046	.000108	.0014798	.004480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003925	-.009795	.0001868	-.000017	.1126637	.0006098	.0000470
Stddev	.0002049	.015208	.0002246	.000181	.1973746	.0017781	.0019894
%RSD	52.19640	155.2658	120.2572	1061.453	175.1892	291.5873	4234.551

#1	.0004188	-.000821	-.000004	-.000214	.2841638	-.001140	-.000040
#2	.0001758	-.001209	.000435	.000143	-.103077	.002415	-.001897
#3	.0005830	-.027353	.000129	.000020	.156904	.000555	.002079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.693302	.0005412	.0025156	-.000098	-.003111	-.002867	.0001397
Stddev	.031661	.0004800	.0003371	.000245	.001513	.000375	.0001360
%RSD	4.566721	88.69203	13.40046	249.9549	48.63646	13.06829	97.33436

#1	-.689464	.0005955	.0028162	.000156	-.004761	-.003257	.0000568
#2	-.663734	.0000364	.0025796	-.000117	-.002783	-.002510	.0002966
#3	-.726707	.0009918	.0021511	-.000332	-.001789	-.002833	.0000657

Sample Name: CCB030 Acquired: 3/12/2018 13:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000097	-.002568	.0001040
Stddev	.000409	.001477	.0000702
%RSD	421.6497	57.52572	67.50052

#1	.000136	-.004203	.0000821
#2	-.000569	-.001328	.0001824
#3	.000142	-.002174	.0000473

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.085	4108.484	47003.67	6429.228	4857.338
Stddev	26.359	16.577	662.34	26.562	11.800
%RSD	1.292039	.4034875	1.409129	.4131481	.2429293

#1	2067.930	4108.908	47712.59	6419.387	4858.779
#2	2036.805	4124.845	46897.77	6408.990	4868.351
#3	2015.519	4091.698	46400.66	6459.306	4844.883

Sample Name: J1729-06 Acquired: 3/12/2018 13:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026687	.0021674	.0010750	-.000448	.0007211	.0361694	.0730415
Stddev	.0034980	.0028546	.0009518	.001175	.0013861	.0022381	.0005897
%RSD	131.0750	131.7056	88.53643	262.1973	192.2141	6.187753	.8072913

#1	.0065533	.0016874	-.000022	.000847	.0017951	.0386777	.0737145
#2	-.000232	.0052315	.001687	-.001445	-.000844	.0343764	.0726152
#3	.001685	-.000417	.001559	-.000747	.001212	.0354541	.0727950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002602	-.000104	48.08989	.0007271	-.000489	.0012335	10.12799
Stddev	.0000390	.000054	.14530	.0003911	.000135	.0011942	.03265
%RSD	14.99942	51.66551	.3021408	53.78545	27.56987	96.81501	.3223332

#1	.0002402	-.000094	48.25766	.0004704	-.000390	.0022136	10.15979
#2	.0002352	-.000163	48.00742	.0005338	-.000435	.0015835	10.09456
#3	.0003051	-.000057	48.00459	.0011773	-.000643	-.000097	10.12962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848774	22.79615	.0011830	.0003699	29.96545	.0001385	-.000148
Stddev	.0001733	.05925	.0003269	.0001340	.19117	.0021816	.000861
%RSD	.2042179	.2598968	27.63153	36.21679	.6379847	1575.264	583.3018

#1	.0847088	22.79741	.0009639	.0004851	29.83789	-.001316	-.000041
#2	.0850551	22.73629	.0015587	.0002229	30.18526	-.000915	-.001057
#3	.0848681	22.85476	.0010264	.0004017	29.87320	.002647	.000655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.08556	-.001051	54.72265	.0000498	6.331741	.6101153	-.001764
Stddev	.00716	.000683	.18573	.0000627	.032492	.0027870	.000612
%RSD	.3433612	64.99327	.3394087	125.8983	.5131579	.4567955	34.70268

#1	-2.07788	-.000301	54.83180	.0001125	6.351097	.6113028	-.001539
#2	-2.08677	-.001638	54.50819	.0000498	6.294229	.6069313	-.002457
#3	-2.09205	-.001213	54.82795	-.000013	6.349897	.6121119	-.001296

Sample Name: J1729-06 Acquired: 3/12/2018 13:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000399	.0015235	.6904647
Stddev	.001270	.0011177	.0007531
%RSD	318.1246	73.36287	.1090676

#1	.001047	.0019032	.6908528
#2	-.001333	.0024018	.6909445
#3	-.000913	.0002654	.6895967

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.134	4137.804	47825.02	6638.381	4733.019
Stddev	1.424	16.945	123.12	23.066	23.031
%RSD	.0682967	.4095223	.2574396	.3474581	.4865993

#1	2085.304	4145.783	47759.82	6615.709	4742.661
#2	2086.465	4149.287	47748.21	6661.820	4749.661
#3	2083.633	4118.342	47967.03	6637.614	4706.734

Sample Name: J1729-07 Acquired: 3/12/2018 13:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101082	.0016169	.0037502	-.001125	.0014018	.0954616	.0896173
Stddev	.0028440	.0018793	.0006288	.002581	.0003311	.0063190	.0001783
%RSD	28.13498	116.2303	16.76770	229.4270	23.61976	6.619422	.1989706

#1	.0112997	.0034157	.0032401	.001307	.0017835	.1018445	.0895747
#2	.0068623	-.000334	.0044528	-.000849	.0011927	.0892084	.0898130
#3	.0121627	.001769	.0035577	-.003834	.0012292	.0953318	.0894641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000767	-.000018	53.08019	.0005845	-.001253	.0032280	3.278614
Stddev	.0000375	.000029	.16557	.0007112	.000207	.0028656	.004497
%RSD	48.80914	163.9087	.3119248	121.6677	16.49584	88.77210	.1371504

#1	.0000341	.000012	53.26177	.0005983	-.001238	.0053147	3.275155
#2	.0000917	-.000047	53.04120	.0012887	-.001054	.0044085	3.276990
#3	.0001044	-.000019	52.93759	-.000133	-.001467	-.000039	3.283697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2596434	15.41546	.0004923	-.000116	117.4098	.0038121	.0024924
Stddev	.0010577	.06442	.0002305	.000140	.4822	.0018045	.0001952
%RSD	.4073632	.4178991	46.81571	120.5185	.4107365	47.33499	7.829949

#1	.2591357	15.39962	.0002262	-.000275	117.8905	.0056980	.0023860
#2	.2589353	15.48633	.0006231	-.000011	117.4130	.0036364	.0023735
#3	.2608592	15.36044	.0006275	-.000062	116.9260	.0021019	.0027176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.55279	.0159645	141.1211	.0938076	15.86518	6.616505	-.000614
Stddev	.00171	.0002085	1.8995	.0004026	.02201	.016704	.000695
%RSD	.0669663	1.305954	1.345995	.4291891	.1387120	.2524635	113.1775

#1	-2.55121	.0160481	142.1214	.0935462	15.84026	6.599132	-.000981
#2	-2.55461	.0157271	138.9305	.0936052	15.87333	6.617936	-.001047
#3	-2.55255	.0161181	142.3113	.0942712	15.88195	6.632448	.000187

Sample Name: J1729-07 Acquired: 3/12/2018 13:16:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000324	.0014818	.6557502
Stddev	.000187	.0009575	.0015920
%RSD	57.61106	64.61635	.2427806

#1	-.000504	.0020277	.6562763
#2	-.000338	.0020415	.6570126
#3	-.000131	.0003762	.6539617

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.486	4056.258	45812.64	6521.385	4516.622
Stddev	6.976	20.609	129.78	16.652	20.230
%RSD	.3468208	.5080838	.2832827	.2553444	.4479085

#1	2004.595	4077.144	45774.83	6515.506	4531.815
#2	2011.319	4055.694	45705.96	6540.179	4524.392
#3	2018.544	4035.937	45957.13	6508.470	4493.658

Sample Name: J1729-08 Acquired: 3/12/2018 13:20:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285404	.0014145	.0036419	-.001916	.0016522	.1789364	.1370195
Stddev	.0027578	.0006558	.0010819	.003127	.0016415	.0021812	.0005820
%RSD	9.662923	46.36407	29.70615	163.2256	99.35313	1.218990	.4247262

#1	.0289126	.0021442	.0025618	.001502	.0006662	.1772124	.1367396
#2	.0310932	.0008743	.0047255	-.004635	.0035471	.1813885	.1376886
#3	.0256153	.0012250	.0036383	-.002615	.0007432	.1782081	.1366304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001300	-.000053	67.18658	.0065851	-.000529	.0039149	1.980005
Stddev	.0000297	.000032	.14494	.0001603	.000123	.0013392	.026515
%RSD	22.86572	60.47700	.2157256	2.434608	23.32178	34.20628	1.339134

#1	.0001058	-.000016	67.19236	.0065262	-.000505	.0032796	2.004493
#2	.0001209	-.000075	67.03884	.0067665	-.000663	.0054535	1.983675
#3	.0001632	-.000068	67.32855	.0064626	-.000420	.0030117	1.951846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616531	32.14140	.0053904	.0002219	20.58108	.0021738	.0160229
Stddev	.0009350	.09952	.0002025	.0001190	.19261	.0013704	.0022054
%RSD	.5783898	.3096353	3.756450	53.64509	.9358408	63.04071	13.76416

#1	.1621072	32.24126	.0051698	.0003273	20.78496	.0034998	.0183136
#2	.1605778	32.04222	.0054334	.0002457	20.55610	.0007630	.0139140
#3	.1622743	32.14071	.0055678	.0000928	20.40218	.0022585	.0158411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.723047	.0246871	10.74707	.0358769	19.84251	8.356042	-.001562
Stddev	.025790	.0008885	.13464	.0000546	.09319	.084452	.000229
%RSD	3.566823	3.598928	1.252813	.1522116	.4696678	1.010675	14.67520

#1	-.739114	.0255227	10.85074	.0358977	19.84795	8.410580	-.001501
#2	-.736728	.0247849	10.79557	.0358149	19.74671	8.398784	-.001369
#3	-.693300	.0237538	10.59490	.0359180	19.93286	8.258763	-.001815

Sample Name: J1729-08 Acquired: 3/12/2018 13:20:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006845	.0014196	2.819660
Stddev	.0002129	.0022048	.016806
%RSD	31.09872	155.3077	.5960266

#1	.0006413	.0005263	2.834876
#2	.0009156	.0039308	2.822483
#3	.0004965	-.000198	2.801622

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.001	4058.676	43663.10	6158.874	4603.499
Stddev	7.038	11.076	143.78	54.383	12.668
%RSD	.3694379	.2728991	.3292941	.8830007	.2751890

#1	1908.352	4048.652	43793.27	6108.722	4594.038
#2	1909.736	4070.567	43687.26	6151.222	4617.892
#3	1896.913	4056.810	43508.77	6216.677	4598.568

Sample Name: J1729-09 Acquired: 3/12/2018 13:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113865	.0023106	.0150201	.0054076	.0023332	2.693805	.5743017
Stddev	.0027235	.0025623	.0006666	.0023500	.0015819	.026382	.0025173
%RSD	23.91844	110.8924	4.438316	43.45859	67.79887	.9793520	.4383298

#1	.0085196	.0052237	.0142720	.0076710	.0034808	2.719833	.5769571
#2	.0139393	.0004058	.0152374	.0055721	.0029903	2.667083	.5719500
#3	.0117006	.0013024	.0155510	.0029796	.0005287	2.694499	.5739980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007719	.0000985	55.87433	.0081761	.0025853	.0292653	4.370876
Stddev	.0000609	.0000323	.20591	.0003711	.0001528	.0033216	.038885
%RSD	7.894799	32.75407	.3685295	4.538350	5.909625	11.34996	.8896397

#1	.0008071	.0001054	56.10136	.0082690	.0026386	.0309866	4.393531
#2	.0007015	.0001268	55.69963	.0077674	.0027043	.0254363	4.325976
#3	.0008070	.0000634	55.82201	.0084919	.0024130	.0313729	4.393121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203718	22.76258	.0072202	.0001207	60.11483	.0111383	.0334152
Stddev	.002989	.16025	.0004112	.0002261	.11851	.0017088	.0027210
%RSD	.2483181	.7040244	5.694577	187.3478	.1971330	15.34152	8.142925

#1	1.207018	22.87091	.0071746	.0000905	59.98136	.0131041	.0303008
#2	1.202945	22.57849	.0068337	-.000089	60.20772	.0100081	.0353315
#3	1.201192	22.83833	.0076523	.000360	60.15540	.0103027	.0346132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.675200	.1089889	36.78570	.0116594	8.991152	10.97341	-.001283
Stddev	.059851	.0024584	.62980	.0001392	.001236	.20344	.000207
%RSD	3.572794	2.255630	1.712068	1.193648	.0137511	1.853938	16.10520

#1	1.612167	.1062353	36.56005	.0116342	8.992261	10.91898	-.001102
#2	1.731258	.1109632	36.29982	.0118094	8.989819	10.80273	-.001239
#3	1.682175	.1097682	37.49724	.0115345	8.991377	11.19853	-.001508

Sample Name: J1729-09 Acquired: 3/12/2018 13:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0197059	.0339886	.7618034
Stddev	.0001249	.0010050	.0049897
%RSD	.6336759	2.956835	.6549858

#1	.0196936	.0339652	.7644498
#2	.0198365	.0329955	.7560480
#3	.0195877	.0350051	.7649125

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.284	4041.633	42303.78	6133.798	4510.182
Stddev	7.184	12.269	205.15	65.280	14.549
%RSD	.3906114	.3035596	.4849464	1.064265	.3225712

#1	1847.128	4029.444	42240.16	6160.295	4505.284
#2	1837.702	4041.474	42137.98	6181.663	4498.715
#3	1833.023	4053.980	42533.21	6059.436	4526.547

Sample Name: J1729-10 Acquired: 3/12/2018 13:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010098	.0006157	.0039160	-.000479	.0014518	.0476261	.3978983
Stddev	.0016735	.0007821	.0006630	.003388	.0004574	.0005924	.0014446
%RSD	165.7276	127.0224	16.93188	707.7132	31.50702	1.243869	.3630536

#1	.0029074	.0003974	.0031789	.002605	.0015841	.0475856	.3990851
#2	-.000255	-.000034	.0041053	.000064	.0018284	.0470549	.3962898
#3	.000377	.001484	.0044638	-.004105	.0009428	.0482377	.3983200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000826	-.000001	37.65375	.0032046	-.000867	.0037566	.2837752
Stddev	.0000495	.000010	.08550	.0001900	.000260	.0008010	.0060970
%RSD	59.90011	939.1036	.2270681	5.929051	30.02971	21.32219	2.148532

#1	.0001230	-.000001	37.71272	.0034238	-.001151	.0031860	.2819950
#2	.0000274	-.000011	37.55569	.0030866	-.000639	.0046723	.2787664
#3	.0000976	.000009	37.69284	.0031034	-.000810	.0034117	.2905642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219996	21.76418	.0016450	.0001379	23.33735	.0026590	.0038384
Stddev	.0002051	.05554	.0004065	.0001550	.06913	.0037131	.0021997
%RSD	.9321726	.2551816	24.71491	112.3986	.2962064	139.6431	57.30897

#1	.0217723	21.79451	.0013938	-.000038	23.34089	.0061554	.0022426
#2	.0221708	21.70008	.0014271	.000255	23.26651	.0030600	.0029249
#3	.0220556	21.79794	.0021140	.000197	23.40463	-.001238	.0063477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.130865	.0620407	4.211305	.0010715	4.527357	7.636649	-.002599
Stddev	.111622	.0016221	.027428	.0001876	.022410	.058761	.000736
%RSD	5.238364	2.614602	.6513061	17.51048	.4949958	.7694608	28.30239

#1	2.132691	.0637834	4.185085	.0010730	4.549310	7.584116	-.003154
#2	2.241563	.0605748	4.239800	.0012583	4.504516	7.700105	-.001765
#3	2.018340	.0617638	4.209029	.0008831	4.528245	7.625726	-.002879

Sample Name: J1729-10 Acquired: 3/12/2018 13:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000643	.0212227	.8300429
Stddev	.000482	.0010041	.0041080
%RSD	74.96536	4.731142	.4949124

#1	-.000734	.0223022	.8298751
#2	-.000122	.0203166	.8260214
#3	-.001073	.0210494	.8342322

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.337	4113.414	43728.73	6239.033	4715.180
Stddev	12.185	27.736	145.15	16.683	28.992
%RSD	.6398547	.6742703	.3319228	.2674030	.6148566

#1	1909.245	4101.278	43724.70	6258.123	4699.283
#2	1890.463	4093.815	43585.64	6231.723	4697.614
#3	1913.302	4145.150	43875.85	6227.252	4748.642

Sample Name: J1729-11 Acquired: 3/12/2018 13:32:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763019	.0025229	.0053458	.0020097	.0019084	.5872019	.1990092
Stddev	.0033654	.0013936	.0007218	.0009598	.0004471	.0027945	.0004287
%RSD	4.410666	55.23726	13.50166	47.75737	23.42659	.4758932	.2154113

#1	.0793930	.0041184	.0061174	.0009345	.0022731	.5883557	.1994479
#2	.0727168	.0019063	.0052327	.0027801	.0014096	.5840154	.1985913
#3	.0767960	.0015439	.0046872	.0023144	.0020424	.5892348	.1989885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002723	.0000029	120.1761	.0098721	.0006080	.0060284	1.400954
Stddev	.0000414	.0000274	.3132	.0002911	.0000957	.0020045	.010491
%RSD	15.22165	942.6986	.2605902	2.948562	15.73737	33.25034	.7488358

#1	.0003199	.0000016	120.2576	.0101991	.0004979	.0045547	1.391224
#2	.0002523	.0000309	120.4404	.0097758	.0006713	.0052196	1.412068
#3	.0002446	-.000024	119.8302	.0096413	.0006548	.0083109	1.399569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8418622	50.38965	.0077900	.0002397	40.50479	.0043909	.0316926
Stddev	.0086973	.26095	.0000938	.0004923	.08490	.0010968	.0014421
%RSD	1.033098	.5178604	1.203547	205.3926	.2095998	24.97871	4.550190

#1	.8450973	50.21413	.0078892	-.000264	40.56975	.0035538	.0303909
#2	.8484783	50.68951	.0077779	.000263	40.40873	.0056325	.0314441
#3	.8320110	50.26529	.0077028	.000720	40.53589	.0039864	.0332427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.45477	.4287097	12.36392	.0199239	14.35031	11.26233	-.001545
Stddev	.04850	.0045791	.05692	.0001859	.07923	.05500	.000985
%RSD	.1704624	1.068101	.4604023	.9330475	.5521068	.4883942	63.73602

#1	28.50397	.4294624	12.38207	.0197549	14.25885	11.30624	-.002403
#2	28.40699	.4238009	12.30013	.0201230	14.39791	11.20064	-.001763
#3	28.45336	.4328657	12.40955	.0198940	14.39418	11.28012	-.000470

Sample Name: J1729-11 Acquired: 3/12/2018 13:32:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011734	.0439389	3.157599
Stddev	.0009106	.0006110	.009693
%RSD	77.60019	1.390625	.3069751

#1	.0003615	.0445063	3.157331
#2	.0021579	.0432920	3.148044
#3	.0010008	.0440184	3.167424

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.020	4009.215	43623.37	6234.485	4450.106
Stddev	8.187	4.639	143.60	30.915	10.113
%RSD	.4315742	.1157178	.3291760	.4958716	.2272593

#1	1887.990	4006.704	43488.37	6266.843	4443.704
#2	1899.112	4006.372	43607.50	6231.362	4444.848
#3	1903.958	4014.569	43774.25	6205.250	4461.765

Sample Name: J1729-12 Acquired: 3/12/2018 13:36:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051109	.0016114	.0030259	-.001872	.0012313	.0467447	.1183573
Stddev	.0021101	.0014163	.0000555	.001831	.0019724	.0026004	.0005946
%RSD	41.28673	87.89205	1.834466	97.80159	160.1848	5.562895	.5024182

#1	.0052554	-.000022	.0030772	.000196	.0033864	.0491902	.1188875
#2	.0071451	.002367	.0030337	-.003288	.0007919	.0470309	.1177143
#3	.0029323	.002490	.0029670	-.002525	-.000484	.0440131	.1184700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001057	.0000047	68.63139	.0031974	-.000710	.0020766	.0326005
Stddev	.0000676	.0000374	.10320	.0004216	.000059	.0016543	.0076622
%RSD	63.91790	796.2683	.1503633	13.18597	8.274019	79.66279	23.50329

#1	.0000307	.0000048	68.68664	.0035221	-.000704	.0002698	.0389009
#2	.0001618	.0000420	68.69520	.0033493	-.000654	.0035168	.0240709
#3	.0001247	-.000033	68.51233	.0027209	-.000771	.0024431	.0348297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033696	28.77150	.0014204	-.000015	16.50678	.0021102	.0068620
Stddev	.0004570	.06551	.0004007	.000214	.00869	.0019291	.0015656
%RSD	13.56375	.2276776	28.20783	1437.017	.0526378	91.41803	22.81569

#1	.0036684	28.70164	.0017278	-.000210	16.51617	.0040837	.0085163
#2	.0035968	28.83154	.0009673	-.000049	16.49902	.0020181	.0054035
#3	.0028435	28.78131	.0015662	.000214	16.50514	.0002288	.0066661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.51328	.0099328	.8882127	.0033869	11.08823	7.707083	-.002162
Stddev	.03751	.0006165	.0072748	.0000746	.20914	.047557	.000077
%RSD	1.492442	6.206736	.8190407	2.203171	1.886155	.6170586	3.574607

#1	-2.48232	.0092737	.8891239	.0034004	11.03001	7.704682	-.002136
#2	-2.55499	.0100293	.8805252	.0033065	10.91437	7.660772	-.002101
#3	-2.50252	.0104954	.8949890	.0034539	11.32031	7.755796	-.002249

Sample Name: J1729-12 Acquired: 3/12/2018 13:36:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000343	.0061111	2.359002
Stddev	.000446	.0011648	.005131
%RSD	130.1888	19.06106	.2175187

#1	.000053	.0072339	2.364881
#2	-.000826	.0061911	2.356700
#3	-.000254	.0049083	2.355424

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.724	4108.979	44295.60	6195.965	4713.463
Stddev	9.931	22.883	171.21	26.893	37.039
%RSD	.5167698	.5568963	.3865180	.4340398	.7858086

#1	1929.042	4118.121	44431.79	6192.119	4722.554
#2	1910.419	4125.878	44103.40	6224.573	4745.110
#3	1925.710	4082.939	44351.61	6171.201	4672.725

Sample Name: J1729-13 Acquired: 3/12/2018 13:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038602	.0020737	.0031801	.0018714	.0004892	.0387369	.1546754
Stddev	.0013971	.0010245	.0014347	.0017209	.0012938	.0046591	.0001521
%RSD	36.19239	49.40579	45.11570	91.95684	264.4398	12.02746	.0983107

#1	.0031649	.0011718	.0015514	.0020779	-.000781	.0426993	.1547032
#2	.0029472	.0031877	.0037322	.0000566	.000443	.0399071	.1545114
#3	.0054685	.0018617	.0042568	.0034797	.001806	.0336043	.1548117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000701	-.000017	51.87594	.0005754	-.000989	.0062043	.3002004
Stddev	.0000596	.000046	.08317	.0000773	.000077	.0015283	.0061649
%RSD	85.00969	272.3279	.1603201	13.43694	7.785743	24.63341	2.053580

#1	.0000021	.000036	51.96363	.0004980	-.001069	.0075234	.2998478
#2	.0001133	-.000043	51.86600	.0005754	-.000916	.0065600	.3065340
#3	.0000950	-.000044	51.79819	.0006527	-.000983	.0045295	.2942194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089055	15.53166	-.000000	.0003199	33.78759	.0016853	.0037824
Stddev	.0000173	.04644	.000268	.0000648	.06370	.0020929	.0014951
%RSD	.1939265	.2990111	506565.2	20.26764	.1885171	124.1847	39.52725

#1	.0088856	15.48354	-.000024	.0002776	33.75907	.0040713	.0039690
#2	.0089158	15.53521	.000280	.0002875	33.74314	.0008247	.0022028
#3	.0089152	15.57622	-.000255	.0003946	33.86056	.0001599	.0051754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.33953	.0210647	23.12204	.0033800	8.967861	6.956292	-.001355
Stddev	.03375	.0019641	.08832	.0000959	.036074	.027573	.000590
%RSD	1.442577	9.324255	.3819626	2.836553	.4022623	.3963797	43.56395

#1	-2.30568	.0206658	23.10186	.0034726	9.006980	6.954032	-.002036
#2	-2.37318	.0231977	23.04556	.0033860	8.935906	6.929918	-.001008
#3	-2.33972	.0193307	23.21870	.0032812	8.960698	6.984926	-.001020

Sample Name: J1729-13 Acquired: 3/12/2018 13:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000657	.0024044	.5628491
Stddev	.001191	.0010963	.0010181
%RSD	181.3756	45.59615	.1808768

#1	-.001179	.0014985	.5628853
#2	-.001496	.0020916	.5618135
#3	.000706	.0036232	.5638486

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.282	4061.229	44711.40	6292.785	4647.146
Stddev	12.502	12.355	75.49	22.146	8.115
%RSD	.6426962	.3042089	.1688461	.3519211	.1746181

#1	1939.261	4062.989	44633.82	6284.888	4648.930
#2	1959.655	4072.609	44715.76	6317.796	4654.220
#3	1936.929	4048.089	44784.61	6275.669	4638.288

Sample Name: J1729-14 Acquired: 3/12/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003899	.0002694	.0010241	-.002183	-.000015	.0274048	.0022957
Stddev	.0003156	.0005872	.0009054	.000670	.000794	.0083285	.0005269
%RSD	80.94422	217.9640	88.41074	30.67990	5367.779	30.39051	22.94995

#1	.0005841	.0008291	.0002011	-.002905	-.000071	.0196920	.0028639
#2	.0000257	.0003211	.0008772	-.001582	.000806	.0262866	.0022001
#3	.0005599	-.000342	.0019940	-.002061	-.000779	.0362359	.0018232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000263	.0000047	.1407225	.0040282	.0000446	.0050061	.0634389
Stddev	.0000456	.0000311	.0101253	.0002213	.0001550	.0025464	.0071613
%RSD	173.4085	656.6335	7.195212	5.494781	347.6751	50.86600	11.28857

#1	.0000197	-.000024	.1309014	.0037809	.0000576	.0052179	.0629923
#2	-.000016	.000038	.1401392	.0042077	.0001926	.0023604	.0708131
#3	.000075	.000000	.1511268	.0040961	-.000117	.0074400	.0565113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026997	.0514014	.0040494	.0000485	-.031999	.0009924	.0029265
Stddev	.0003686	.0119626	.0002888	.0002695	.029754	.0022372	.0016323
%RSD	13.65187	23.27287	7.131413	555.5051	92.98478	225.4334	55.77776

#1	.0030716	.0588275	.0041515	-.000017	-.024035	-.001418	.0010570
#2	.0023345	.0376015	.0037235	-.000182	-.007037	.001393	.0036531
#3	.0026930	.0577751	.0042734	.000345	-.064925	.003002	.0040693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.53705	.0028697	.0498849	.0006253	-.003598	.0245628	.0002312
Stddev	.05723	.0006220	.0008977	.0002417	.002770	.0015129	.0005782
%RSD	1.618097	21.67559	1.799490	38.66429	76.98001	6.159316	250.0496

#1	-3.58197	.0035608	.0509151	.0003978	-.001403	.0235154	.0003977
#2	-3.47261	.0023546	.0494681	.0008792	-.002681	.0262973	.0007079
#3	-3.55656	.0026937	.0492713	.0005988	-.006710	.0238756	-.000412

Sample Name: J1729-14 Acquired: 3/12/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002664	-.005817	.0007414
Stddev	.0002858	.000528	.0000671
%RSD	107.2982	9.074048	9.043847

#1	-.000039	-.005913	.0007227
#2	.000309	-.006290	.0008158
#3	.000528	-.005248	.0006857

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.570	4236.493	46836.91	6373.998	5088.064
Stddev	23.455	11.115	357.06	15.724	5.223
%RSD	1.155070	.2623533	.7623513	.2466963	.1026575

#1	2056.042	4249.216	47249.20	6358.053	5091.723
#2	2009.865	4228.672	46628.69	6389.493	5090.388
#3	2025.804	4231.591	46632.83	6374.448	5082.082

Sample Name: J1729-15 Acquired: 3/12/2018 13:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112797	-.000013	.0050044	-.001623	.0004360	.3054205	.0917183
Stddev	.0006042	.001293	.0004550	.001451	.0014955	.0062325	.0002451
%RSD	5.356787	9745.609	9.090989	89.40927	342.9967	2.040619	.2671742

#1	.0108826	-.001352	.0055210	-.002364	-.000868	.2988064	.0917204
#2	.0109813	.001229	.0048289	.000049	.002068	.3111839	.0919623
#3	.0119750	.000083	.0046634	-.002552	.000107	.3062711	.0914722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001324	-.000030	97.40437	.0103597	.0014048	.0073883	2.622953
Stddev	.0000400	.000051	.81197	.0004403	.0000378	.0023874	.016058
%RSD	30.19472	172.9710	.8336056	4.250223	2.687416	32.31331	.6122173

#1	.0001489	.000001	97.27526	.0108408	.0014420	.0089439	2.631275
#2	.0000868	-.000089	98.27316	.0099767	.0013665	.0085814	2.633142
#3	.0001615	-.000002	96.66469	.0102616	.0014060	.0046395	2.604442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280977	30.10419	.0076335	.0001134	19.01282	.0010759	.0066358
Stddev	.0002801	.17628	.0001912	.0000937	.11185	.0019460	.0031368
%RSD	.9968590	.5855779	2.504664	82.61699	.5883004	180.8790	47.27058

#1	.0278444	30.01617	.0074173	.0001998	18.97768	.0023747	.0074367
#2	.0283985	30.30715	.0077804	.0000138	19.13803	-.001162	.0092946
#3	.0280502	29.98925	.0077029	.0001266	18.92276	.002014	.0031762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.41004	.0202571	.1910022	.0026076	8.602222	6.126127	-.002633
Stddev	.03000	.0012316	.0022623	.0000659	.021704	.076084	.000780
%RSD	1.244723	6.080107	1.184449	2.526293	.2523117	1.241952	29.62521

#1	-2.43454	.0202154	.1912974	.0025827	8.625222	6.129868	-.003183
#2	-2.37658	.0190468	.1931023	.0025579	8.599346	6.200271	-.001740
#3	-2.41900	.0215091	.1886067	.0026823	8.582100	6.048242	-.002976

Sample Name: J1729-15 Acquired: 3/12/2018 13:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001533	.0089063	.9181234
Stddev	.000306	.0008425	.0035362
%RSD	19.93359	9.460216	.3851549

#1	-.001208	.0098514	.9183377
#2	-.001815	.0086335	.9215476
#3	-.001577	.0082339	.9144850

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.274	4107.344	45853.55	6354.102	4660.458
Stddev	8.663	14.408	189.21	3.891	11.440
%RSD	.4324411	.3507948	.4126324	.0612358	.2454714

#1	2010.747	4108.057	45782.19	6352.749	4651.145
#2	1993.779	4092.592	46068.06	6358.488	4657.000
#3	2005.295	4121.382	45710.40	6351.067	4673.228

Sample Name: J1729-16 Acquired: 3/12/2018 13:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029046	.0003891	.0035861	.0007818	-.000171	.2425980	.2051928
Stddev	.0031494	.0011170	.0010058	.0006185	.000391	.0200363	.0025796
%RSD	108.4254	287.0544	28.04774	79.12147	228.9699	8.259065	1.257174

#1	.0056182	.0015168	.0034085	.0002011	-.000621	.2397225	.2065674
#2	.0036445	-.000717	.0026809	.0014322	.000024	.2639167	.2067941
#3	-.000549	.000368	.0046689	.0007120	.000084	.2241548	.2022170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000885	-.000027	47.71159	.0029715	-.000723	.0014278	.2479232
Stddev	.0000126	.000043	.67945	.0003318	.000117	.0013985	.0106340
%RSD	14.29764	157.3267	1.424079	11.16736	16.12802	97.95225	4.289244

#1	.0000744	-.000011	48.28192	.0031950	-.000636	.0000817	.2542654
#2	.0000990	.000005	47.89301	.0025902	-.000678	.0028734	.2538579
#3	.0000921	-.000075	46.95985	.0031294	-.000856	.0013281	.2356463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300794	23.49170	.0014958	.0000703	15.34102	.0024538	.0016081
Stddev	.0005912	.35758	.0003064	.0002336	.40353	.0015280	.0040352
%RSD	1.965287	1.522163	20.48795	332.3605	2.630425	62.26801	250.9248

#1	.0307615	23.84144	.0014186	.0002774	15.63596	.0042180	-.001352
#2	.0297599	23.50690	.0018334	-.000183	15.50596	.0015493	.006204
#3	.0297167	23.12676	.0012353	.000116	14.88114	.0015943	-.000028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.93677	.0208221	3.646621	.0053750	6.329890	7.758974	-.001436
Stddev	.05316	.0009072	.051613	.0000502	.094339	.138385	.000767
%RSD	2.744588	4.356658	1.415359	.9345145	1.490368	1.783547	53.43274

#1	-1.96291	.0198383	3.688199	.0053374	6.227778	7.852899	-.000571
#2	-1.87561	.0216254	3.662810	.0053555	6.413804	7.823966	-.001702
#3	-1.97180	.0210025	3.588855	.0054320	6.348088	7.600056	-.002035

Sample Name: J1729-16 Acquired: 3/12/2018 13:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0077055	.0101536	.5487777
Stddev	.0019530	.0006476	.0065399
%RSD	25.34520	6.377792	1.191716

#1	.0060108	.0104598	.5521178
#2	.0072643	.0105913	.5529730
#3	.0098412	.0094097	.5412423

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.294	4112.949	46394.08	6368.026	4722.362
Stddev	22.391	42.234	195.38	85.927	44.609
%RSD	1.105018	1.026854	.4211398	1.349349	.9446296

#1	2035.690	4161.104	46343.41	6280.191	4773.536
#2	2000.736	4082.201	46229.03	6371.978	4691.689
#3	2042.456	4095.541	46609.81	6451.908	4701.861

Sample Name: J1729-17 Acquired: 3/12/2018 13:57:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049528	.0003388	.0038935	.0021310	.0009378	.1136595	.0799142
Stddev	.0005118	.0009066	.0005776	.0012830	.0011910	.0085571	.0004003
%RSD	10.33310	267.5672	14.83390	60.20528	127.0098	7.528746	.5008484

#1	.0051381	.0000479	.0034364	.0032139	.0022427	.1038278	.0797890
#2	.0043742	-.000387	.0037014	.0024652	.0006615	.1177220	.0795915
#3	.0053461	.001355	.0045426	.0007140	-.000091	.1194287	.0803621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000303	-.000051	48.55604	.0062801	-.000013	.0050009	.5562404
Stddev	.0000566	.000062	.29167	.0001090	.000094	.0009406	.0067156
%RSD	186.5024	121.1116	.6006949	1.735842	719.3298	18.80939	1.207313

#1	-.000020	-.000087	48.23342	.0063288	.000030	.0056580	.5484870
#2	.000019	-.000086	48.63361	.0063563	-.000121	.0054212	.5602245
#3	.000092	.000020	48.80108	.0061552	.000052	.0039233	.5600098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163114	16.71146	.0031726	.0002336	14.02665	.0032684	.0042543
Stddev	.0002950	.11061	.0004591	.0000529	.16847	.0013031	.0016933
%RSD	1.808298	.6618885	14.46969	22.63080	1.201052	39.86832	39.80211

#1	.0160563	16.59841	.0036596	.0002510	14.18324	.0043520	.0056524
#2	.0162435	16.81947	.0027477	.0002756	14.04830	.0018225	.0023715
#3	.0166344	16.71648	.0031107	.0001743	13.84840	.0036308	.0047392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.68179	.0139790	4.339340	.0029431	6.505676	6.953953	-.001735
Stddev	.05315	.0022234	.060566	.0003392	.031307	.112133	.000419
%RSD	1.981818	15.90555	1.395731	11.52467	.4812191	1.612509	24.15967

#1	-2.66838	.0118358	4.353611	.0027025	6.497497	6.982468	-.001322
#2	-2.74036	.0138262	4.391496	.0027957	6.540261	7.049077	-.001722
#3	-2.63663	.0162748	4.272914	.0033310	6.479271	6.830316	-.002160

Sample Name: J1729-17 Acquired: 3/12/2018 13:57:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001439	.0040228	.8708185
Stddev	.000297	.0006100	.0006827
%RSD	20.63781	15.16254	.0783996

#1	-.001557	.0043686	.8711789
#2	-.001658	.0033185	.8712455
#3	-.001101	.0043812	.8700311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.505	4153.741	45773.11	6312.188	4793.667
Stddev	16.111	31.923	285.38	39.005	35.570
%RSD	.8045406	.7685354	.6234570	.6179370	.7420107

#1	2006.095	4129.248	45690.41	6302.228	4764.266
#2	1984.902	4142.130	45538.22	6279.128	4783.531
#3	2016.518	4189.844	46090.71	6355.208	4833.205

Sample Name: J1729-18 Acquired: 3/12/2018 14:01:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013808	.0015463	.0036887	.0014524	.0001313	.0436895	.1557434
Stddev	.0006546	.0008407	.0009258	.0003200	.0004394	.0092198	.0004750
%RSD	47.40499	54.37087	25.09782	22.03200	334.6660	21.10305	.3049903

#1	.0008664	.0014408	.0047486	.0013888	.0005633	.0330763	.1560751
#2	.0011584	.0024347	.0032790	.0017994	.0001458	.0497205	.1551992
#3	.0021175	.0007632	.0030384	.0011689	-.000315	.0482717	.1559557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	-.000047	52.36233	.0011115	-.000991	.0070109	.2908687
Stddev	.0000390	.000037	.13187	.0003603	.000141	.0011536	.0106707
%RSD	486.5220	78.33725	.2518445	32.41716	14.21323	16.45472	3.668560

#1	.0000443	-.000089	52.51354	.0014581	-.000868	.0083293	.2786757
#2	.0000129	-.000035	52.27119	.0011375	-.000960	.0065170	.2985019
#3	-.000033	-.000018	52.30225	.0007388	-.001145	.0061865	.2954286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078852	15.38341	.0000568	.0000851	33.40774	.0042823	.0013047
Stddev	.0001610	.03267	.0002746	.0002413	.21684	.0012631	.0030076
%RSD	2.041706	.2123943	483.2241	283.5925	.6490662	29.49539	230.5173

#1	.0077274	15.38887	.0000036	-.000072	33.64259	.0030681	.0047776
#2	.0080492	15.34835	-.000187	.000363	33.36550	.0041896	-.000444
#3	.0078791	15.41300	.000354	-.000036	33.21513	.0055891	-.000419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.30063	.0197293	23.04297	.0034915	8.659245	6.970445	-.001517
Stddev	.03303	.0005277	.24870	.0001257	.181196	.069546	.000992
%RSD	1.435803	2.674695	1.079290	3.601428	2.092519	.9977238	65.43243

#1	-2.31881	.0196578	23.10971	.0036346	8.823995	6.978905	-.002171
#2	-2.26250	.0202891	22.76771	.0033985	8.688562	6.897055	-.000375
#3	-2.32057	.0192410	23.25149	.0034415	8.465177	7.035373	-.002004

Sample Name: J1729-18 Acquired: 3/12/2018 14:01:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000531	.0023352	.5696561
Stddev	.001399	.0010406	.0011685
%RSD	263.2339	44.56288	.2051193

#1	-.001327	.0034717	.5703220
#2	-.001351	.0014292	.5683069
#3	.001084	.0021047	.5703394

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.528	4113.795	45205.54	6240.323	4691.460
Stddev	21.071	74.584	365.18	33.655	84.328
%RSD	1.061230	1.813029	.8078260	.5393104	1.797477

#1	1994.290	4052.319	45328.36	6263.052	4618.126
#2	1961.490	4092.300	44794.79	6256.256	4672.648
#3	2000.805	4196.767	45493.49	6201.660	4783.605

Sample Name: PB107201BS Acquired: 3/12/2018 14:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.0194998	.0514231	.0186350	.0667916	.1209476	.4049317
Stddev	.0019428	.0017514	.0014823	.0042520	.0012313	.0132813
%RSD	9.963261	3.405941	7.954658	6.366114	1.018078	3.279881

#1	.0179062	.0510760	.0180271	.0623657	.1216479	.3902581
#2	.0189292	.0498712	.0175533	.0671639	.1216691	.4161294
#3	.0216640	.0533221	.0203247	.0708453	.1195258	.4084077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3829719	.0098430	.0098630	10.30462	.0247242	.0936487
Stddev	.0024590	.0000908	.0001387	.08594	.0002984	.0008543
%RSD	.6420719	.9227551	1.406064	.8340054	1.206828	.9121919

#1	.3850213	.0098040	.0097900	10.38150	.0245939	.0939885
#2	.3836491	.0099468	.0100229	10.32051	.0250656	.0942807
#3	.3802453	.0097781	.0097761	10.21183	.0245131	.0926768

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537263	.2317924	.0313942	9.511039	.0796756	.0183054
Stddev	.0009233	.0099567	.0007433	.105741	.0003343	.0001853
%RSD	1.718508	4.295507	2.367661	1.111776	.4195206	1.012119

#1	.0545032	.2409788	.0321854	9.535037	.0797764	.0182870
#2	.0539700	.2212123	.0312868	9.602718	.0799479	.0181300
#3	.0527055	.2331861	.0307105	9.395361	.0793025	.0184992

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.584284	.0966911	.1196912	9.105853	F .0269781	F .0593082
Stddev	.216643	.0033309	.0037569	.055667	.0022304	.0003469
%RSD	2.260401	3.444840	3.138861	.6113370	8.267418	.5848936

#1	9.771031	.1004802	.1155825	9.131059	.0253477	.0596863
#2	9.635059	.0953681	.1229511	9.144459	.0260667	.0590047
#3	9.346763	.0942250	.1205400	9.042041	.0295198	.0592337

Sample Name: PB107201BS Acquired: 3/12/2018 14:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) 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	.0198979	.1735157	.1731927	F .0135231	.1982072	.0953318
Stddev	.0000720	.0058474	.0022148	.0000952	.0018184	.0016009
%RSD	.3616575	3.369967	1.278831	.7041454	.9174166	1.679314

#1	.0199753	.1679854	.1708417	.0135717	.1987217	.0946635
#2	.0198852	.1796356	.1752401	.0134134	.1997129	.0971586
#3	.0198331	.1729260	.1734964	.0135842	.1961870	.0941733

Elem	Sr4077
Units	ppm
Avg	.1982049
Stddev	.0007253
%RSD	.3659549

#1	.1980856
#2	.1989825
#3	.1975466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.444	4112.012	46113.47	6394.039	4741.375
Stddev	18.897	35.754	263.12	21.935	31.549
%RSD	.9371634	.8695133	.5705962	.3430591	.6653888

#1	2011.240	4083.526	45813.42	6370.243	4719.517
#2	2037.398	4100.374	46304.87	6398.421	4727.065
#3	2000.694	4152.136	46222.12	6413.452	4777.542

Sample Name: J1743-03 Acquired: 3/12/2018 14:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001763	.0002987	.0018285	-.001503	.0010143	.0367594	.2371422
Stddev	.0041297	.0005479	.0004300	.002238	.0017776	.0019860	.0001775
%RSD	2341.903	183.4376	23.51719	148.8921	175.2483	5.402695	.0748358

#1	.0046329	-.000117	.0020231	-.003894	.0007221	.0347842	.2373470
#2	-.003521	.000093	.0021267	.000541	.0029199	.0367381	.2370445
#3	-.000583	.000920	.0013356	-.001156	-.000599	.0387560	.2370350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000617	-.000059	52.18451	.0005364	-.000833	.0022807	.4677835
Stddev	.0000622	.000048	.13875	.0002484	.000084	.0022254	.0120958
%RSD	100.7770	81.70899	.2658930	46.31370	10.09789	97.57331	2.585764

#1	.0000219	-.000009	52.31378	.0007110	-.000922	.0006420	.4745537
#2	.0000299	-.000105	52.03790	.0006463	-.000823	.0048142	.4538186
#3	.0001333	-.000063	52.20186	.0002520	-.000755	.0013859	.4749781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195212	27.09570	.0013512	.0003224	54.45246	.0014578	.0050841
Stddev	.0004089	.11021	.0002915	.0003475	.13559	.0005662	.0020994
%RSD	2.094608	.4067605	21.57361	107.7958	.2490117	38.84088	41.29367

#1	.0190517	27.18387	.0016192	.0000876	54.57122	.0017589	.0073884
#2	.0197988	26.97214	.0010408	.0001580	54.30472	.0008046	.0032799
#3	.0197132	27.13109	.0013937	.0007216	54.48144	.0018099	.0045841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.04516	.0037988	.1245710	.0002085	4.280371	3.955933	-.001441
Stddev	.03514	.0012713	.0011201	.0001832	.012136	.041531	.000302
%RSD	1.717984	33.46620	.8991906	87.88868	.2835160	1.049830	20.98965

#1	-2.03829	.0042684	.1234174	.0000522	4.267821	3.908275	-.001117
#2	-2.01396	.0023595	.1246413	.0004102	4.281247	3.975149	-.001717
#3	-2.08322	.0047685	.1256543	.0001631	4.292044	3.984376	-.001488

Sample Name: J1743-03 Acquired: 3/12/2018 14:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000686	.0066212	1.562025
Stddev	.000551	.0003548	.003998
%RSD	80.36214	5.357925	.2559804

#1	-.000105	.0070173	1.564037
#2	-.001201	.0065134	1.557420
#3	-.000752	.0063327	1.564617

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.870	3991.282	44544.69	6149.201	4489.917
Stddev	22.813	23.678	206.75	43.667	25.013
%RSD	1.160460	.5932460	.4641352	.7101206	.5570996

#1	1977.658	4005.582	44484.35	6136.109	4507.193
#2	1939.575	4004.313	44374.82	6197.916	4501.325
#3	1980.378	3963.950	44774.89	6113.578	4461.234

Sample Name: J1743-04 Acquired: 3/12/2018 14:26:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017067	.0012309	.0025163	.0003435	.0015639	.0295768	.2426018
Stddev	.0008339	.0002652	.0010412	.0026501	.0014142	.0025693	.0136758
%RSD	48.85691	21.54791	41.37628	771.5111	90.42595	8.686847	5.637145

#1	.0013958	.0015371	.0023579	-.002257	.0015054	.0301346	.2347082
#2	.0026514	.0010742	.0015634	.003041	.0001799	.0318213	.2347039
#3	.0010730	.0010814	.0036275	.000246	.0030064	.0267744	.2583933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000814	-.000048	53.32922	.0008146	-.000959	.0038507	.4728615
Stddev	.0001044	.000047	2.97413	.0000589	.000202	.0038723	.0380078
%RSD	128.2973	99.28186	5.576924	7.224555	21.02518	100.5609	8.037839

#1	.0000995	-.000095	51.56899	.0007859	-.000878	.0068979	.4465223
#2	-.000031	-.000000	51.65558	.0008823	-.000811	.0051611	.4556290
#3	.000175	-.000048	56.76308	.0007757	-.001189	-.000507	.5164330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199847	27.44112	.0012727	.0000369	55.60625	.0029083	.0050764
Stddev	.0013701	1.50667	.0002221	.0001841	2.80768	.0017458	.0010094
%RSD	6.855614	5.490540	17.45121	498.6472	5.049216	60.02625	19.88360

#1	.0191903	26.70234	.0011954	.0000229	54.08246	.0048713	.0059766
#2	.0191971	26.44644	.0015231	-.000140	53.88990	.0015296	.0039852
#3	.0215667	29.17458	.0010995	.000228	58.84637	.0023241	.0052673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.99122	.0039395	.1200724	.0004195	4.285329	4.000149	-.001574
Stddev	.13646	.0009815	.0051875	.0003041	.052282	.179961	.000347
%RSD	6.853171	24.91482	4.320328	72.48355	1.220014	4.498859	22.05293

#1	-2.05404	.0030147	.1174336	.0001960	4.247952	3.918702	-.001182
#2	-2.08496	.0049693	.1167347	.0002968	4.262962	3.875310	-.001843
#3	-1.83466	.0038346	.1260488	.0007658	4.345073	4.206434	-.001697

Sample Name: J1743-04 Acquired: 3/12/2018 14:26:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002585	.0094358	1.580360
Stddev	.0009676	.0013771	.088744
%RSD	374.3005	14.59407	5.615426

#1	.0000608	.0091312	1.534129
#2	-.000595	.0082366	1.524276
#3	.001310	.0109397	1.682675

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.557	4002.312	44561.54	6117.275	4501.387
Stddev	21.357	10.267	188.07	315.471	16.745
%RSD	1.076714	.2565204	.4220496	5.157052	.3719992

#1	2000.696	4004.989	44719.42	6213.696	4509.565
#2	1959.631	4010.975	44353.46	6373.284	4512.472
#3	1990.343	3990.972	44611.74	5764.846	4482.124

Sample Name: J1743-05 Acquired: 3/12/2018 14:30:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401677	.0533024	.0217602	.0543211	.1082644	2.002699	2.248769
Stddev	.0013582	.0006155	.0009225	.0009744	.0019210	.024910	.011943
%RSD	3.381199	1.154778	4.239375	1.793878	1.774389	1.243797	.5310821

#1	.0397749	.0527632	.0221983	.0533821	.1102618	2.031462	2.262471
#2	.0390492	.0539730	.0223820	.0553275	.1081010	1.988413	2.243271
#3	.0416789	.0531709	.0207003	.0542536	.1064302	1.988223	2.240565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514713	.0517896	50.93406	.2161206	.4942340	.2638569	1.532522
Stddev	.0003117	.0004030	.29007	.0006822	.0045622	.0035947	.001998
%RSD	.6055046	.7781383	.5694996	.3156545	.9230880	1.362388	.1303624

#1	.0514418	.0521960	51.25142	.2163460	.4984834	.2656581	1.534536
#2	.0511756	.0517826	50.68263	.2166616	.4948058	.2661949	1.530541
#3	.0517968	.0513901	50.86813	.2153542	.4894129	.2597176	1.532489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5465964	26.34278	.5029985	.0467927	53.03323	.5184782	.5189044
Stddev	.0014165	.14262	.0047287	.0001990	.34214	.0052235	.0152488
%RSD	.2591423	.5413907	.9401056	.4253514	.6451416	1.007476	2.938649

#1	.5480655	26.19052	.5066233	.0465990	53.31746	.5222860	.5319775
#2	.5464846	26.36455	.5047226	.0467826	53.12875	.5125232	.5225829
#3	.5452392	26.47325	.4976497	.0469966	52.65349	.5206253	.5021529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.97838	.0109117	.6084342	.0005218	4.115261	3.818024	-.001779
Stddev	.01550	.0020101	.0036553	.0000946	.043430	.021451	.000774
%RSD	.7832826	18.42110	.6007654	18.14080	1.055341	.5618256	43.51606

#1	-1.99383	.0095724	.6045383	.0004233	4.150206	3.804692	-.001492
#2	-1.97847	.0099396	.6089760	.0006120	4.128938	3.806611	-.002656
#3	-1.96284	.0132230	.6117883	.0005300	4.066639	3.842768	-.001190

Sample Name: J1743-05 Acquired: 3/12/2018 14:30:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000961	.0082186	1.518542
Stddev	.000429	.0005086	.008316
%RSD	44.59926	6.188464	.5476053

#1	-.000790	.0086103	1.527965
#2	-.000645	.0084017	1.515426
#3	-.001449	.0076438	1.512234

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.535	3960.133	43756.07	6093.528	4455.880
Stddev	7.472	27.348	115.44	33.199	28.248
%RSD	.3890470	.6905759	.2638354	.5448256	.6339387

#1	1911.923	3935.839	43622.80	6090.591	4435.973
#2	1924.401	3954.808	43820.50	6128.097	4443.457
#3	1925.283	3989.751	43824.93	6061.894	4488.210

Sample Name: J1743-03LX5 Acquired: 3/12/2018 14:51:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001841	.0014867	.0004846	.0015055	-.000546	.0015749	.0180657
Stddev	.002023	.0018983	.0010038	.0017144	.000858	.0079982	.0005693
%RSD	109.8795	127.6837	207.1366	113.8785	157.3095	507.8669	3.151034

#1	-.004118	.0035730	-.000098	.0005053	-.000215	.0001739	.0180750
#2	-.001155	.0010255	-.000092	.0034851	.000098	.0101809	.0186302
#3	-.000250	-.000138	.001644	.0005261	-.001520	-.005630	.0174918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000487	-.000013	4.047809	-.000350	-.000281	.0006390	.0367000
Stddev	.0000536	.000032	.019880	.000370	.000120	.0030393	.0066431
%RSD	110.1440	253.9610	.4911326	105.8045	42.87118	475.6165	18.10108

#1	.0000242	-.000030	4.070721	-.000633	-.000375	.0010978	.0349295
#2	.0000117	-.000032	4.035127	-.000485	-.000145	.0034228	.0311215
#3	.0001102	.000024	4.037578	.000069	-.000322	-.002604	.0440489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018911	2.149667	.0000531	-.000022	4.289896	-.000166	.0002315
Stddev	.0005249	.044008	.0001805	.000181	.192344	.001507	.0027133
%RSD	27.75710	2.047206	339.8446	822.9566	4.483655	908.6680	1171.934

#1	.0023976	2.200432	-.000107	.000187	4.485831	.001575	.0030433
#2	.0013496	2.126265	.000018	-.000119	4.282500	-.001034	.0000224
#3	.0019260	2.122305	.000249	-.000134	4.101356	-.001038	-.002371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.294687	.0001997	.0262732	.0001629	.2942594	.3014120	.0001466
Stddev	.020273	.0002386	.0000665	.0001818	.0007267	.0008350	.0004386
%RSD	6.879480	119.4836	.2532084	111.5920	.2469689	.2770433	299.1636

#1	-.278877	-.000059	.0262259	-.000041	.2939940	.3009573	.0006186
#2	-.317543	.000246	.0263493	.000309	.2950816	.3023757	-.000248
#3	-.287641	.000412	.0262444	.000220	.2937027	.3009030	.000070

Sample Name: J1743-03LX5 Acquired: 3/12/2018 14:51:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B93L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000728	-.001598	.1167704
Stddev	.000488	.001531	.0006352
%RSD	67.04159	95.83091	.5440187

#1	-.001288	-.000981	.1173504
#2	-.000388	-.003341	.1168694
#3	-.000510	-.000471	.1160915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.015	4019.973	42006.58	6033.059	4758.794
Stddev	8.191	35.480	207.18	29.020	47.270
%RSD	.4580996	.8825869	.4932051	.4810106	.9933201

#1	1778.946	3991.190	41812.05	6011.719	4726.686
#2	1790.226	4009.116	41983.25	6021.356	4736.622
#3	1794.873	4059.612	42224.43	6066.103	4813.075

Sample Name: CCV031 Acquired: 3/12/2018 14:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.065952	4.962648	24.64299	5.206716	5.081608	401.4544
Stddev	.024478	.022424	.14571	.037910	.037533	2.4584
%RSD	.4831847	.4518484	.5912871	.7280904	.7386011	.6123613

#1	5.091665	4.981526	24.80396	5.236525	5.123828	399.6519
#2	5.063260	4.968556	24.60491	5.219572	5.068972	404.2548
#3	5.042932	4.937862	24.52010	5.164050	5.052024	400.4564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38823	.5057746	2.502822	405.0510	15.51559	2.506797
Stddev	.03394	.0034931	.014352	1.1570	.07639	.017630
%RSD	.3266786	.6906335	.5734197	.2856512	.4923641	.7032882

#1	10.35288	.5021324	2.518188	404.2618	15.60130	2.525507
#2	10.39126	.5090964	2.500513	404.5120	15.49083	2.504388
#3	10.42055	.5060951	2.489764	406.3792	15.45466	2.490495

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20976	416.0943	14.94567	407.4576	2.538746	F 1.390667
Stddev	.04479	1.6467	.02140	1.1455	.016905	.002362
%RSD	.2944831	.3957627	.1432114	.2811451	.6658655	.1698536

#1	15.17326	415.2499	14.93889	406.3936	2.557774	1.389562
#2	15.25974	415.0410	14.92848	407.3090	2.533003	1.393379
#3	15.19628	417.9919	14.96964	408.6702	2.525461	1.389060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.5790	2.526316	16.25741	152.3215	5.321784	5.009489
Stddev	2.0816	.012190	.13384	.7293	.030300	.026723
%RSD	.5057620	.4825204	.8232797	.4787703	.5693530	.5334455

#1	410.1280	2.514849	16.14007	151.8023	5.346762	4.985291
#2	410.6449	2.524980	16.40319	153.1552	5.330511	5.038170
#3	413.9640	2.539119	16.22897	152.0069	5.288078	5.005008

Sample Name: CCV031 Acquired: 3/12/2018 14:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.114699	5.337541	4.784811	5.077550	5.088557	5.321461
Stddev	.030989	.026109	.032550	.032858	.028715	.021709
%RSD	.6058812	.4891577	.6802814	.6471199	.5643091	.4079560

#1	5.146924	5.351396	4.757220	5.112686	5.076375	5.296502
#2	5.112056	5.353802	4.820710	5.072380	5.121355	5.335957
#3	5.085116	5.307425	4.776504	5.047584	5.067941	5.331924

Elem	Sr4077
Units	ppm
Avg	5.301194
Stddev	.035981
%RSD	.6787274

#1	5.295824
#2	5.339558
#3	5.268201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.035	3238.552	36787.71	5659.721	3390.681
Stddev	8.618	19.986	39.37	21.691	19.812
%RSD	.5850663	.6171272	.1070253	.3832574	.5842936

#1	1482.984	3217.533	36756.39	5679.354	3370.057
#2	1468.223	3240.811	36774.83	5636.435	3392.422
#3	1467.896	3257.313	36831.91	5663.374	3409.565

Sample Name: CCB031 Acquired: 3/12/2018 14:59:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000498	.0002778	.0002316	.0015428	-.000269	.0016290	-.000537
Stddev	.0008514	.0014360	.0012519	.0031654	.001096	.0037836	.000407
%RSD	1708.666	516.8635	540.4298	205.1699	406.7607	232.2685	75.82592

#1	-.000536	-.001367	.0011547	-.002092	.000571	.0059537	-.000827
#2	-.000341	.001283	.0007335	.003694	.000130	-.001070	-.000072
#3	.001026	.000918	-.001193	.003026	-.001509	.000003	-.000711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000488	.0000129	.0004594	-.000207	-.000138	.0015413	-.005933
Stddev	.0000147	.0000412	.0085618	.000317	.000097	.0005180	.008699
%RSD	30.13052	320.7452	1863.616	153.0150	70.14139	33.60664	146.6252

#1	.0000485	.0000449	.0065189	-.000109	-.000178	.0015164	-.015664
#2	.0000636	-.000034	.0041948	.000049	-.000208	.0010362	.001092
#3	.0000342	.000027	-.009335	-.000562	-.000028	.0020712	-.003227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003510	.0238617	-.000163	.0003172	.0718667	-.002145	-.002008
Stddev	.0005953	.0115539	.000112	.0002489	.0890183	.000741	.001760
%RSD	169.5809	48.42035	68.43959	78.44991	123.8659	34.54609	87.66832

#1	.0009661	.0274032	-.000048	.0005136	.1715503	-.002811	-.001458
#2	.0003093	.0332302	-.000170	.0000373	.0003077	-.001347	-.000588
#3	-.000222	.0109515	-.000271	.0004007	.0437420	-.002278	-.003977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.281275	-.000948	.0090944	.0001075	-.002731	-.003565	-.000006
Stddev	.062336	.000579	.0002364	.0000960	.003508	.000562	.000441
%RSD	22.16202	61.12148	2.599235	89.23919	128.4705	15.75358	7863.425

#1	-.315734	-.000463	.0088385	.0001986	-.006735	-.002919	.000346
#2	-.318775	-.000791	.0093046	.0000073	-.001259	-.003845	-.000501
#3	-.209317	-.001590	.0091401	.0001167	-.000198	-.003933	.000138

Sample Name: CCB031 Acquired: 3/12/2018 14:59:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001592	-.001929	.0000534
Stddev	.000639	.000353	.0000516
%RSD	40.13857	18.31078	96.67330

#1	-.002180	-.001565	.0001111
#2	-.000912	-.001953	.0000372
#3	-.001685	-.002270	.0000118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.297	4001.547	44080.62	6140.976	4762.358
Stddev	13.722	11.377	124.95	8.509	15.629
%RSD	.7270693	.2843143	.2834541	.1385594	.3281684

#1	1872.656	3998.094	43937.23	6144.141	4750.446
#2	1889.369	3992.297	44166.15	6131.338	4756.573
#3	1899.864	4014.251	44138.48	6147.449	4780.054

Sample Name: J1743-06 Acquired: 3/12/2018 15:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015027	.0010971	.0007172	-.000816	.0008946	.0191699	.0704292
Stddev	.0013159	.0004336	.0005211	.002792	.0004787	.0017876	.0001184
%RSD	87.56764	39.52239	72.66084	342.2515	53.51520	9.324976	.1680549

#1	.0021501	.0014055	.0010683	-.003317	.0006468	.0172174	.0704955
#2	-.000011	.0012845	.0009648	.002196	.0014464	.0207260	.0702926
#3	.002369	.0006013	.0001184	-.001326	.0005905	.0195665	.0704996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000779	.0000034	49.93174	.0007254	-.001108	.0016848	.6109973
Stddev	.0000504	.0000623	.13641	.0003026	.000036	.0033487	.0049974
%RSD	64.66523	1820.144	.2731977	41.71669	3.219488	198.7626	.8179098

#1	.0001293	.0000690	49.84048	.0003769	-.001129	.0039611	.6064154
#2	.0000756	-.000055	49.86619	.0008783	-.001067	-.002160	.6102503
#3	.0000287	-.000004	50.08855	.0009212	-.001128	.003254	.6163261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175195	23.90448	-.000066	.0001783	31.34333	.0017004	-.000059
Stddev	.0003330	.07997	.000620	.0001888	.18514	.0003074	.002959
%RSD	1.900674	.3345604	936.8138	105.8805	.5906923	18.07691	5001.215

#1	.0175454	23.89048	.000559	-.000016	31.12999	.0019530	-.002877
#2	.0178388	23.83243	-.000076	.000190	31.43803	.0013582	.003024
#3	.0171743	23.99053	-.000681	.000361	31.46196	.0017900	-.000325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.13021	.0008117	57.77525	.0003132	6.215829	.4191023	-.001863
Stddev	.02421	.0015286	.48411	.0001620	.046719	.0018026	.000441
%RSD	1.136426	188.3273	.8379111	51.73530	.7516103	.4300979	23.65617

#1	-2.13283	.0017197	58.25779	.0001278	6.243936	.4207085	-.002353
#2	-2.15300	.0016684	57.77835	.0004278	6.241652	.4194457	-.001500
#3	-2.10479	-.000953	57.28960	.0003840	6.161899	.4171528	-.001735

Sample Name: J1743-06 Acquired: 3/12/2018 15:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001802	.0001819	.6824143
Stddev	.000148	.0003269	.0008274
%RSD	8.214183	179.6517	.1212383

#1	-.001969	.0004127	.6828422
#2	-.001747	.0003252	.6814607
#3	-.001689	-.000192	.6829401

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.544	4118.513	45309.88	6309.794	4710.142
Stddev	15.801	10.353	125.89	22.494	6.320
%RSD	.7962134	.2513851	.2778374	.3564910	.1341730

#1	1978.680	4124.283	45374.03	6305.003	4711.577
#2	1972.513	4106.560	45164.84	6290.081	4703.229
#3	2002.439	4124.695	45390.78	6334.297	4715.622

Sample Name: J1743-07 Acquired: 3/12/2018 15:12:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088639	.0023663	.0031740	.0013385	.0010053	.0512246	.0844102
Stddev	.0054723	.0010205	.0007778	.0023015	.0013459	.0027250	.0001170
%RSD	61.73687	43.12625	24.50620	171.9462	133.8772	5.319707	.1386191

#1	.0149029	.0012439	.0039212	.0008654	.0012095	.0487972	.0843250
#2	.0074550	.0032382	.0023688	-.000690	.0022375	.0507044	.0843620
#3	.0042338	.0026169	.0032319	.003840	-.000431	.0541722	.0845436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000727	.0000281	54.74427	.0007382	-.001282	.0030354	1.291544
Stddev	.0000278	.0000281	.36922	.0002845	.000061	.0016123	.003978
%RSD	38.24687	99.99036	.6744383	38.54308	4.747005	53.11561	.3080231

#1	.0000420	.0000489	54.40561	.0004100	-.001223	.0016104	1.287564
#2	.0000798	.0000392	54.68932	.0009151	-.001278	.0027104	1.291549
#3	.0000962	-.000004	55.13788	.0008895	-.001345	.0047855	1.295520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2142616	15.93904	.0003847	-.000122	122.3090	.0021736	-.000634
Stddev	.0011838	.09941	.0000861	.000139	.4806	.0028678	.003480
%RSD	.5525103	.6236915	22.37814	113.9371	.3928987	131.9385	549.2621

#1	.2133050	15.91957	.0004259	-.000283	122.2053	.0004314	.000553
#2	.2138942	15.85081	.0004425	-.000036	121.8888	.0006058	-.004552
#3	.2155855	16.04675	.0002858	-.000048	122.8330	.0054835	.002098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.56835	.0126496	147.4728	.0964802	16.36993	6.732808	-.000565
Stddev	.04145	.0015564	.2016	.0013356	.29600	.118847	.000172
%RSD	1.614048	12.30428	.1367331	1.384288	1.808184	1.765189	30.48053

#1	-2.61090	.0115717	147.3461	.0949801	16.03731	6.626806	-.000433
#2	-2.56606	.0144340	147.3671	.0969205	16.46814	6.710328	-.000502
#3	-2.52809	.0119432	147.7054	.0975400	16.60435	6.861289	-.000760

Sample Name: J1743-07 Acquired: 3/12/2018 15:12:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000267	.0040177	.6547610
Stddev	.000821	.0008116	.0026466
%RSD	307.5916	20.19940	.4042115

#1	-.000578	.0030892	.6517297
#2	-.000888	.0043726	.6559405
#3	.000665	.0045914	.6566128

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.640	4025.676	44677.80	6354.244	4477.826
Stddev	8.142	69.025	317.49	69.778	74.835
%RSD	.4163232	1.714617	.7106279	1.098127	1.671241

#1	1946.329	4102.419	44312.11	6407.772	4561.493
#2	1961.423	4005.943	44838.27	6379.633	4454.707
#3	1959.167	3968.667	44883.03	6275.326	4417.278

Sample Name: J1743-08 Acquired: 3/12/2018 15:17:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252322	.0016464	.0038666	.0030773	.0008727	.0571221	.0945457
Stddev	.0018670	.0013006	.0004169	.0032246	.0006861	.0064879	.0004408
%RSD	7.399364	78.99757	10.78245	104.7865	78.61548	11.35797	.4661832

#1	.0256386	.0013864	.0041227	.0067682	.0000838	.0520637	.0945296
#2	.0231954	.0030574	.0033855	.0016564	.0012048	.0548657	.0941133
#3	.0268625	.0004954	.0040915	.0008072	.0013296	.0644370	.0949943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000727	-.000005	62.76164	.0033445	-.000801	.0026994	1.563663
Stddev	.0000250	.000072	.01752	.0003465	.000059	.0025583	.011806
%RSD	34.38754	1425.940	.0279180	10.36146	7.360658	94.77494	.7550265

#1	.0000999	-.000087	62.77361	.0029700	-.000756	.0056279	1.551237
#2	.0000506	.000020	62.74153	.0036539	-.000868	.0015712	1.574731
#3	.0000677	.000051	62.76979	.0034096	-.000780	.0008990	1.565023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1286920	30.72514	.0029056	.0001766	19.83370	.0019344	.0100103
Stddev	.0007325	.05855	.0001059	.0002476	.04762	.0012598	.0021713
%RSD	.5691927	.1905700	3.645732	140.1881	.2401172	65.12777	21.69097

#1	.1278782	30.79085	.0030274	.0002809	19.78054	.0031113	.0096097
#2	.1292984	30.67851	.0028352	-.000106	19.87245	.0020865	.0123541
#3	.1288995	30.70606	.0028541	.000355	19.84813	.0006054	.0080672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.522083	.0097796	10.24363	.0333707	18.65391	7.712501	-.001876
Stddev	.003974	.0006110	.09391	.0002758	.06418	.062280	.000494
%RSD	.7612303	6.247250	.9167890	.8265595	.3440438	.8075140	26.31092

#1	-.518763	.0095014	10.35157	.0335467	18.66423	7.783287	-.001308
#2	-.526487	.0104802	10.18061	.0335127	18.71230	7.688095	-.002200
#3	-.520999	.0093573	10.19872	.0330528	18.58520	7.666121	-.002121

Sample Name: J1743-08 Acquired: 3/12/2018 15:17:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B96 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002329	.0000133	2.718684
Stddev	.001136	.0008470	.003049
%RSD	48.80266	6394.144	.1121469

#1	-.001154	.0009786	2.719240
#2	-.002409	-.000334	2.715395
#3	-.003423	-.000605	2.721417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.802	4007.962	43693.94	6117.944	4576.683
Stddev	4.478	27.255	38.35	48.344	30.336
%RSD	.2338723	.6800188	.0877744	.7901930	.6628438

#1	1919.366	3992.213	43724.08	6062.438	4562.086
#2	1914.625	3992.240	43650.77	6140.554	4556.405
#3	1910.415	4039.433	43706.97	6150.840	4611.559

Sample Name: J1743-09 Acquired: 3/12/2018 15:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029599	.0021139	.0038871	.0059712	-.000232	.0350488	.0980971
Stddev	.0025633	.0006361	.0007157	.0012845	.001152	.0025616	.0004733
%RSD	86.59988	30.09227	18.41195	21.51112	496.6919	7.308707	.4824719

#1	.0056963	.0024636	.0041374	.0073443	-.001541	.0321471	.0982482
#2	.0025686	.0013796	.0030799	.0047990	.000218	.0360031	.0984765
#3	.0006148	.0024984	.0044440	.0057703	.000627	.0369964	.0975668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000906	-.000048	49.02443	.0013415	-.000857	.0023069	.0084886
Stddev	.0000540	.000025	.13353	.0001118	.000179	.0027848	.0034933
%RSD	59.61203	52.34204	.2723780	8.335644	20.91428	120.7173	41.15331

#1	.0001217	-.000028	49.15595	.0012181	-.000661	.0054001	.0053251
#2	.0000282	-.000040	49.02837	.0013705	-.000896	-.000001	.0122378
#3	.0001220	-.000077	48.88898	.0014361	-.001014	.001521	.0079028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257826	20.11861	.0010876	.0001157	55.66815	.0010602	.0057466
Stddev	.0003517	.07238	.0002320	.0001227	.21304	.0035830	.0025396
%RSD	1.364103	.3597724	21.32758	106.0600	.3826971	337.9481	44.19345

#1	.0255436	20.14682	.0010475	.0000316	55.89892	.0028583	.0086190
#2	.0256177	20.17264	.0013370	.0002565	55.47897	-.003066	.0037988
#3	.0261864	20.03637	.0008783	.0000590	55.62656	.003388	.0048220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5983237	.0092414	34.86412	.0159714	8.627547	6.906635	-.001662
Stddev	.0141924	.0011976	.16723	.0001449	.058242	.010836	.001031
%RSD	2.372020	12.95894	.4796728	.9073666	.6750665	.1568986	62.01598

#1	.5856003	.0105687	34.73102	.0161388	8.694787	6.898318	-.000520
#2	.6136302	.0082416	34.80950	.0158862	8.595034	6.902698	-.001942
#3	.5957405	.0089141	35.05183	.0158893	8.592821	6.918890	-.002523

Sample Name: J1743-09 Acquired: 3/12/2018 15:21:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B97 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000810	.0282526	.6515272
Stddev	.000787	.0004004	.0012360
%RSD	97.13711	1.417363	.1897101

#1	-.001716	.0279227	.6501404
#2	-.000304	.0286982	.6525125
#3	-.000409	.0281370	.6519288

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.853	4044.469	44381.15	6183.286	4579.132
Stddev	26.231	24.639	466.62	29.031	28.584
%RSD	1.348716	.6091990	1.051400	.4695063	.6242168

#1	1929.021	4025.512	43997.84	6195.737	4559.987
#2	1930.408	4035.575	44244.87	6150.107	4565.421
#3	1975.131	4072.320	44900.74	6204.015	4611.988

Sample Name: J1743-10 Acquired: 3/12/2018 15:25:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054529	.0010355	.0025794	.0010375	.0005188	.0308546	.3842313
Stddev	.0011846	.0010338	.0003564	.0007323	.0014693	.0016112	.0010501
%RSD	21.72361	99.84266	13.81825	70.58406	283.2213	5.221750	.2732891

#1	.0068070	.0000511	.0023084	.0003407	.0019011	.0303187	.3854053
#2	.0046085	.0009428	.0029831	.0018009	-.001024	.0295796	.3839068
#3	.0049431	.0021125	.0024466	.0009710	.000679	.0326653	.3833818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000688	-.000018	36.84335	.0032048	-.000704	.0026366	.1336917
Stddev	.0000212	.000031	.06523	.0002115	.000150	.0022849	.0048636
%RSD	30.85798	168.9051	.1770447	6.599921	21.35464	86.66058	3.637920

#1	.0000892	-.000048	36.89800	.0033578	-.000752	.0005445	.1375318
#2	.0000705	.000014	36.86091	.0032932	-.000535	.0050748	.1353207
#3	.0000468	-.000020	36.77114	.0029634	-.000824	.0022905	.1282228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187109	21.15612	.0020515	.0001983	22.32118	.0011308	.0027410
Stddev	.0003671	.10627	.0000215	.0003939	.07823	.0037987	.0052729
%RSD	1.962071	.5023270	1.046154	198.6723	.3504758	335.9151	192.3725

#1	.0191290	21.27590	.0020274	.0005931	22.33009	.0053879	-.002789
#2	.0184416	21.07313	.0020686	-.000195	22.39457	-.000082	.007713
#3	.0185620	21.11933	.0020584	.000196	22.23887	-.001913	.003299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.108424	.0605799	4.201422	.0011590	4.574438	7.391542	-.001057
Stddev	.021896	.0004340	.049100	.0000939	.022475	.087526	.000922
%RSD	1.038496	.7164671	1.168647	8.102425	.4913181	1.184136	87.21092

#1	2.084864	.0605125	4.144799	.0012224	4.597911	7.296122	-.001999
#2	2.128148	.0601835	4.232218	.0012033	4.572289	7.468097	-.001016
#3	2.112260	.0610437	4.227249	.0010511	4.553115	7.410407	-.000156

Sample Name: J1743-10 Acquired: 3/12/2018 15:25:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000723	.0208267	.8312445
Stddev	.001297	.0005642	.0008604
%RSD	179.3415	2.708870	.1035111

#1	.000238	.0202771	.8302528
#2	-.000209	.0214044	.8316882
#3	-.002199	.0207985	.8317925

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.932	4098.802	45554.71	6265.013	4701.083
Stddev	7.562	.991	258.84	42.678	1.935
%RSD	.3775388	.0241862	.5681861	.6812118	.0411520

#1	1999.876	4098.798	45463.04	6309.755	4701.025
#2	2011.544	4097.812	45846.91	6260.532	4703.045
#3	1997.376	4099.795	45354.19	6224.753	4699.177

Sample Name: J1743-11 Acquired: 3/12/2018 15:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639094	.0011972	.0050757	.0038306	.0024938	.0988926	.1643221
Stddev	.0002983	.0019211	.0003495	.0012997	.0018977	.0091926	.0003394
%RSD	.4667349	160.4654	6.886120	33.93035	76.09936	9.295502	.2065326

#1	.0639787	.0026940	.0053684	.0044785	.0029565	.1095048	.1640695
#2	.0635826	-.000969	.0051702	.0046790	.0004075	.0937869	.1641889
#3	.0641670	.001867	.0046887	.0023343	.0041174	.0933862	.1647079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001342	.0000236	113.3030	.0016477	.0003969	.0023992	.8019321
Stddev	.0000078	.0000495	.5898	.0003360	.0001144	.0006441	.0211690
%RSD	5.779861	209.3128	.5205289	20.39169	28.82639	26.84709	2.639747

#1	.0001430	.0000624	112.7130	.0015257	.0002858	.0030067	.7774919
#2	.0001287	-.000032	113.3036	.0013898	.0003907	.0017238	.8137890
#3	.0001307	.000041	113.8925	.0020277	.0005144	.0024670	.8145155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7692972	47.62983	.0060249	.0001943	38.46536	.0022273	.0214171
Stddev	.0045433	.18020	.0002327	.0003253	.13390	.0014597	.0037579
%RSD	.5905812	.3783425	3.862045	167.3870	.3481055	65.53389	17.54633

#1	.7649281	47.43619	.0057928	.0001344	38.61798	.0007498	.0200189
#2	.7689668	47.66069	.0062582	.0005454	38.36757	.0036684	.0256737
#3	.7739967	47.79261	.0060236	-.000097	38.41055	.0022637	.0185588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.09307	.2718574	12.36194	.0192151	13.83913	10.83283	-.002100
Stddev	.14979	.0057484	.23019	.0002036	.14288	.18759	.000983
%RSD	.5148635	2.114504	1.862075	1.059853	1.032408	1.731699	46.79381

#1	28.98114	.2716933	12.46810	.0193548	13.88454	10.91186	-.002290
#2	29.03484	.2776861	12.09783	.0193090	13.95378	10.61866	-.001037
#3	29.26323	.2661928	12.51990	.0189814	13.67907	10.96798	-.002975

Sample Name: J1743-11 Acquired: 3/12/2018 15:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002284	.0426195	3.062395
Stddev	.000340	.0014363	.006986
%RSD	14.87847	3.370106	.2281284

#1	-.002513	.0420736	3.066067
#2	-.001894	.0415363	3.054339
#3	-.002447	.0442488	3.066779

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.137	3991.561	44365.72	6157.932	4437.576
Stddev	10.994	17.850	291.44	71.374	22.930
%RSD	.5666589	.4472024	.6569103	1.159051	.5167173

#1	1939.492	3978.349	44425.31	6108.611	4425.892
#2	1929.480	3984.466	44049.09	6239.774	4422.841
#3	1951.439	4011.868	44622.76	6125.410	4463.994

Sample Name: J1743-12 Acquired: 3/12/2018 15:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063856	.0003895	.0037457	.0019653	-.000433	.0317889	.1085218
Stddev	.0021127	.0011721	.0007255	.0019031	.000368	.0054921	.0002174
%RSD	33.08547	300.9279	19.36846	96.83794	84.97953	17.27678	.2003551

#1	.0039505	.0012101	.0038243	.0028485	-.000514	.0305831	.1086508
#2	.0077302	-.000953	.0044287	-.000219	-.000032	.0377837	.1082708
#3	.0074761	.000911	.0029842	.003266	-.000755	.0269999	.1086439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000876	-.000048	64.63627	.0009056	-.000958	.0012231	-.006404
Stddev	.0000363	.000003	.07273	.0002952	.000052	.0022257	.005130
%RSD	41.46654	6.773606	.1125236	32.59262	5.464057	181.9706	80.10944

#1	.0000985	-.000049	64.67300	.0011374	-.000950	.0037029	-.010248
#2	.0001173	-.000045	64.68332	.0010062	-.001014	-.000602	-.008385
#3	.0000471	-.000051	64.55250	.0005733	-.000911	.000568	-.000579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013627	26.63317	.0009867	.0004241	15.29366	.0016145	.0025327
Stddev	.0005526	.04702	.0003872	.0001076	.27091	.0015263	.0022587
%RSD	40.55628	.1765475	39.23694	25.37304	1.771365	94.53418	89.18294

#1	.0018611	26.65743	.0005398	.0004280	15.10852	.0033404	.0019027
#2	.0007684	26.66310	.0012193	.0005297	15.60460	.0004426	.0006558
#3	.0014585	26.57897	.0012010	.0003146	15.16787	.0010606	.0050394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.58285	.0088145	.8411150	.0031783	10.67041	7.164965	-.001907
Stddev	.02706	.0018994	.0124449	.0002479	.02452	.124505	.000412
%RSD	1.047547	21.54880	1.479566	7.800326	.2297993	1.737698	21.60481

#1	-2.61197	.0099622	.8269027	.0033286	10.67750	7.024236	-.001484
#2	-2.57807	.0098592	.8463822	.0028921	10.69060	7.209874	-.001930
#3	-2.55849	.0066220	.8500602	.0033141	10.64312	7.260786	-.002307

Sample Name: J1743-12 Acquired: 3/12/2018 15:33:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BA0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001597	.0040060	2.220644
Stddev	.000372	.0003125	.005283
%RSD	23.25954	7.801300	.2379197

#1	-.001966	.0041419	2.214758
#2	-.001603	.0036485	2.224977
#3	-.001223	.0042276	2.222196

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.439	4133.400	45640.71	6311.687	4741.502
Stddev	3.998	9.337	176.34	85.675	8.908
%RSD	.1997647	.2259019	.3863699	1.357397	.1878720

#1	2005.419	4123.633	45660.81	6406.921	4732.122
#2	1997.423	4142.239	45455.18	6240.876	4742.536
#3	2001.475	4134.326	45806.14	6287.264	4749.848

Sample Name: J1743-13 Acquired: 3/12/2018 15:37:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015835	.0016944	.0029217	-.001075	.0007369	.0320333	.1554368
Stddev	.0022599	.0006748	.0004384	.000547	.0015264	.0041176	.0005056
%RSD	142.7135	39.82226	15.00412	50.89348	207.1512	12.85425	.3253056

#1	.0013705	.0014172	.0024652	-.001695	.0022108	.0348305	.1550914
#2	.0039423	.0024637	.0029603	-.000872	-.000837	.0339643	.1552019
#3	-.000562	.0012025	.0033394	-.000659	.000837	.0273050	.1560172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000762	.0000022	52.68160	.0005852	-.001069	.0039592	.0624650
Stddev	.0000520	.0000583	.08984	.0003659	.000115	.0021642	.0049968
%RSD	68.15412	2698.846	.1705365	62.51949	10.75636	54.66172	7.999417

#1	.0000467	-.000044	52.70630	.0006446	-.000975	.0015926	.0639254
#2	.0001362	-.000017	52.58199	.0009178	-.001035	.0044474	.0569007
#3	.0000458	.000068	52.75651	.0001933	-.001197	.0058375	.0665689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036040	15.54536	.0002799	.0000517	33.58112	-.000355	-.000958
Stddev	.0002891	.07341	.0000388	.0001975	.17512	.001202	.001925
%RSD	8.021742	.4722026	13.87331	382.0292	.5214964	338.4276	200.8996

#1	.0033279	15.57339	.0002575	.0000334	33.40472	.000584	-.002008
#2	.0039046	15.46207	.0002575	.0002577	33.58369	.000061	.001263
#3	.0035795	15.60062	.0003248	-.000136	33.75494	-.001710	-.002130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.32744	.0183513	23.41001	.0036328	8.926468	7.018724	-.002099
Stddev	.04083	.0001777	.11307	.0001360	.053158	.031001	.000794
%RSD	1.754469	.9683903	.4829837	3.743511	.5955072	.4416941	37.82817

#1	-2.31797	.0183682	23.52802	.0037301	8.982809	7.052292	-.001190
#2	-2.37218	.0181658	23.30264	.0034774	8.919390	6.991172	-.002657
#3	-2.29218	.0185200	23.39937	.0036909	8.877203	7.012707	-.002449

Sample Name: J1743-13 Acquired: 3/12/2018 15:37:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000537	.0015414	.5718579
Stddev	.000057	.0011487	.0008879
%RSD	10.63844	74.52464	.1552699

#1	-.000586	.0003982	.5715634
#2	-.000551	.0026955	.5728556
#3	-.000474	.0015306	.5711546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.725	4086.296	45142.26	6207.733	4662.751
Stddev	38.578	1.839	889.54	26.675	8.289
%RSD	1.940833	.0450057	1.970528	.4297133	.1777683

#1	2024.633	4085.821	46036.50	6228.672	4663.601
#2	1990.872	4084.741	45132.79	6216.827	4670.582
#3	1947.669	4088.326	44257.50	6177.699	4654.070

Sample Name: J1743-14 Acquired: 3/12/2018 15:41:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000427	.0017284	.0009824	.0003647	.0003134	.0150805	.0013109
Stddev	.001065	.0008793	.0002621	.0016112	.0009735	.0091814	.0004787
%RSD	249.2754	50.87297	26.67767	441.7834	310.6102	60.88273	36.51952

#1	.000796	.0014510	.0012846	.0012614	.0006877	.0219557	.0012985
#2	-.001145	.0010212	.0008458	-.001495	-.000792	.0046538	.0017957
#3	-.000933	.0027129	.0008168	.001328	.001044	.0186320	.0008385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000846	-.000032	.0686240	.0019389	-.000074	.0022435	.0174215
Stddev	.0000920	.000054	.0069868	.0003338	.000034	.0017071	.0075392
%RSD	108.8362	170.0586	10.18123	17.21794	46.31092	76.09079	43.27514

#1	.0001765	-.000017	.0644248	.0017090	-.000062	.0018112	.0128612
#2	-.000008	-.000092	.0647578	.0017859	-.000048	.0041252	.0261236
#3	.000085	.000013	.0766893	.0023218	-.000113	.0007941	.0132795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003702	.0364483	.0013599	.0001377	-.102556	.0002827	.0014944
Stddev	.0001131	.0112917	.0001106	.0001759	.205280	.0008791	.0019061
%RSD	30.53712	30.98001	8.130655	127.7864	200.1641	310.9531	127.5530

#1	.0003500	.0437655	.0014301	.0002721	.103385	.0011551	-.000107
#2	.0002686	.0421356	.0014172	-.000061	-.103884	.0002959	.000987
#3	.0004920	.0234438	.0012324	.000202	-.307169	-.000603	.003603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.57055	.0014193	.0553110	.0003998	-.012467	.0014615	-.000388
Stddev	.04175	.0013833	.0005172	.0003277	.000970	.0010886	.000362
%RSD	1.169337	97.46311	.9350074	81.96387	7.784244	74.48228	93.29050

#1	-3.59372	.0004341	.0559060	.0002445	-.011521	.0018238	-.000724
#2	-3.52235	.0030007	.0549699	.0007764	-.012419	.0002380	-.000436
#3	-3.59557	.0008230	.0550570	.0001787	-.013460	.0023228	-.000005

Sample Name: J1743-14 Acquired: 3/12/2018 15:41:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000534	-.008216	.0004433
Stddev	.000444	.000677	.0000192
%RSD	83.07002	8.234189	4.340855

#1	-.000783	-.008604	.0004650
#2	-.000797	-.008609	.0004282
#3	-.000022	-.007435	.0004368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.785	4366.921	48361.21	6446.100	5233.707
Stddev	7.621	37.881	230.83	37.070	34.996
%RSD	.3588594	.8674525	.4773117	.5750760	.6686626

#1	2116.426	4338.390	48203.87	6467.235	5213.912
#2	2123.285	4352.474	48253.55	6467.769	5213.097
#3	2131.644	4409.900	48626.21	6403.297	5274.114

Sample Name: J1743-15 Acquired: 3/12/2018 15:45:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023028	.0001611	.0027162	.0010000	-.000036	.0397379	.0839677
Stddev	.0029935	.0014718	.0007447	.0013666	.001982	.0114557	.0032844
%RSD	129.9936	913.4938	27.41582	136.6581	5505.792	28.82827	3.911514

#1	.0022747	.0007842	.0033555	-.000569	-.001678	.0432689	.0874619
#2	-.000677	-.001520	.0028945	.001930	.002166	.0490124	.0834972
#3	.005310	.001219	.0018986	.001639	-.000596	.0269323	.0809438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000664	-.000031	95.02669	.0033034	-.000633	.0033580	.1224297
Stddev	.0000170	.000015	4.23325	.0001611	.000177	.0011971	.0092663
%RSD	25.55062	47.41295	4.454799	4.876649	27.93614	35.65031	7.568648

#1	.0000468	-.000037	99.62763	.0034363	-.000822	.0043901	.1262113
#2	.0000760	-.000014	94.15588	.0031242	-.000603	.0036381	.1292071
#3	.0000764	-.000041	91.29656	.0033495	-.000473	.0020456	.1118706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031783	28.70683	.0047486	.0001695	18.15984	.0019621	.0023441
Stddev	.0002860	1.30836	.0003508	.0001560	.85486	.0031962	.0025193
%RSD	8.997235	4.557678	7.388340	92.03001	4.707417	162.9004	107.4733

#1	.0035074	30.18994	.0046407	.0001238	19.06640	.0013425	.0034681
#2	.0030366	28.21450	.0044644	.0000415	18.04479	.0054228	-.000542
#3	.0029908	27.71605	.0051407	.0003432	17.36834	-.000879	.004106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.56547	.0041460	.1929173	.0021826	7.749595	5.498288	-.002855
Stddev	.06758	.0004541	.0084610	.0001364	.099049	.209871	.000606
%RSD	2.634091	10.95335	4.385838	6.248613	1.278122	3.817028	21.23164

#1	-2.49625	.0041854	.2022460	.0021141	7.835728	5.729573	-.003369
#2	-2.63127	.0036735	.1907672	.0023397	7.771695	5.445305	-.002187
#3	-2.56888	.0045792	.1857388	.0020941	7.641363	5.319985	-.003011

Sample Name: J1743-15 Acquired: 3/12/2018 15:45:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002413	.0071484	.8917360
Stddev	.001110	.0018656	.0402104
%RSD	46.02893	26.09860	4.509230

#1	-.001315	.0091992	.9358834
#2	-.002388	.0066946	.8821175
#3	-.003535	.0055516	.8572070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.725	4213.178	46624.28	6241.121	4792.576
Stddev	14.906	19.414	134.37	212.498	28.002
%RSD	.7272322	.4607960	.2882035	3.404804	.5842838

#1	2064.860	4191.333	46681.45	6013.797	4762.140
#2	2035.058	4219.743	46470.78	6274.793	4798.341
#3	2049.257	4228.459	46720.61	6434.772	4817.247

Sample Name: J1743-16 Acquired: 3/12/2018 15:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044360	.0002191	.0042934	.0053016	.0008418	.2544356	.2180618
Stddev	.0013683	.0017799	.0006608	.0022624	.0015971	.0110869	.0005722
%RSD	30.84522	812.4226	15.39099	42.67494	189.7307	4.357440	.2624207

#1	.0031712	.0003563	.0037392	.0078085	.0002329	.2544681	.2181726
#2	.0042483	-.001625	.0041163	.0046846	-.000361	.2655061	.2174422
#3	.0058884	.001926	.0050247	.0034116	.002654	.2433324	.2185705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001152	-.000028	46.84160	.0043775	-.000399	.0037333	.3283297
Stddev	.0000104	.000029	.27330	.0002889	.000044	.0017680	.0039639
%RSD	9.016043	105.5382	.5834511	6.598860	11.15110	47.35892	1.207297

#1	.0001039	-.000037	46.93726	.0042501	-.000429	.0040912	.3266692
#2	.0001176	-.000052	46.53334	.0041742	-.000420	.0052950	.3328538
#3	.0001243	.000005	47.05421	.0047082	-.000348	.0018137	.3254660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572017	22.59908	.0021710	.0000014	14.38665	.0006328	.0036351
Stddev	.0011016	.18887	.0000350	.0002787	.23943	.0017610	.0021505
%RSD	1.925826	.8357231	1.611642	20395.87	1.664282	278.2951	59.15955

#1	.0559481	22.51571	.0021485	-.000109	14.58419	.0003587	.0047323
#2	.0576416	22.46624	.0022113	.000318	14.12036	-.000975	.0011573
#3	.0580154	22.81528	.0021533	-.000205	14.45540	.002515	.0050156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.02450	.0266463	3.463325	.0052231	5.948888	7.468628	-.001774
Stddev	.04306	.0011650	.056289	.0003378	.011521	.120157	.000156
%RSD	2.126893	4.372112	1.625285	6.467143	.1936616	1.608829	8.768939

#1	-1.97847	.0279117	3.523570	.0051772	5.949047	7.602821	-.001854
#2	-2.03122	.0264087	3.454327	.0049106	5.937289	7.432063	-.001595
#3	-2.06379	.0256184	3.412077	.0055815	5.960329	7.371001	-.001875

Sample Name: J1743-16 Acquired: 3/12/2018 15:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023495	.0069472	.5284029
Stddev	.0007161	.0007621	.0015724
%RSD	30.47835	10.97036	.2975691

#1	.0015446	.0061235	.5301558
#2	.0025882	.0070907	.5271168
#3	.0029158	.0076273	.5279362

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.070	4230.848	46598.41	6412.429	4845.811
Stddev	11.657	11.439	405.83	56.572	9.361
%RSD	.5663961	.2703678	.8709139	.8822200	.1931715

#1	2057.851	4222.393	46929.21	6366.634	4835.141
#2	2069.834	4226.287	46720.47	6394.984	4849.650
#3	2046.524	4243.863	46145.56	6475.669	4852.642

Sample Name: J1743-17 Acquired: 3/12/2018 15:53:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042441	.0003251	.0036032	.0015377	.0011511	.0325201	.0739871
Stddev	.0007967	.0008211	.0009343	.0007283	.0009043	.0104899	.0001542
%RSD	18.77168	252.5929	25.93069	47.36142	78.56099	32.25649	.2083719

#1	.0038156	.0011435	.0046814	.0023360	.0004661	.0313033	.0741614
#2	.0037533	.0003304	.0030966	.0009096	.0021761	.0435653	.0739312
#3	.0051633	-.000499	.0030316	.0013675	.0008110	.0226918	.0738687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000966	-.000006	47.37772	.0032905	-.000619	.0021301	.0758010
Stddev	.0000168	.000067	.23297	.0003860	.000070	.0017575	.0087545
%RSD	17.33252	1131.642	.4917299	11.72999	11.27470	82.50834	11.54938

#1	.0001149	-.000083	47.38842	.0036913	-.000635	.0015300	.0703495
#2	.0000820	.000041	47.13958	.0032590	-.000679	.0041090	.0711543
#3	.0000930	.000024	47.60515	.0029213	-.000542	.0007512	.0858992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028855	16.16291	.0018689	.0001283	13.24036	-.001169	.0005036
Stddev	.0004588	.09473	.0000558	.0001693	.22556	.001848	.0013656
%RSD	15.89905	.5861034	2.987915	132.0138	1.703583	158.0254	271.1834

#1	.0028814	16.25009	.0018774	.0000171	13.32282	-.000779	.0018499
#2	.0033463	16.06211	.0019200	.0003231	12.98517	.000452	.0005414
#3	.0024288	16.17654	.0018093	.0000446	13.41308	-.003181	-.000881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.74522	.0110559	4.246873	.0027301	6.483788	6.777728	-.001157
Stddev	.04535	.0012321	.020438	.0001424	.046992	.040750	.001324
%RSD	1.651953	11.14443	.4812564	5.216924	.7247690	.6012364	114.4299

#1	-2.69418	.0099429	4.242673	.0025657	6.474297	6.775858	-.002148
#2	-2.78087	.0108449	4.228860	.0028081	6.442265	6.737944	.000347
#3	-2.76062	.0123799	4.269084	.0028164	6.534801	6.819380	-.001670

Sample Name: J1743-17 Acquired: 3/12/2018 15:53:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001298	.0017872	.8431397
Stddev	.000575	.0012730	.0025946
%RSD	44.30706	71.23055	.3077272

#1	-.001718	.0028016	.8438710
#2	-.000643	.0022012	.8452902
#3	-.001534	.0003587	.8402580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.763	4172.396	46396.20	6331.602	4804.520
Stddev	23.418	10.001	303.96	8.605	15.763
%RSD	1.147503	.2396831	.6551341	.1359018	.3280780

#1	2060.824	4178.221	46627.67	6333.542	4819.977
#2	2046.435	4178.118	46508.96	6339.071	4805.115
#3	2015.030	4160.848	46051.98	6322.193	4788.468

Sample Name: J1743-18 Acquired: 3/12/2018 15:58:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038967	.0012090	.0024208	.0011650	.0009489	.0261969	.1542952
Stddev	.0021047	.0005141	.0011223	.0018203	.0013569	.0050799	.0010377
%RSD	54.01271	42.52374	46.36021	156.2428	143.0091	19.39135	.6725385

#1	.0054025	.0013780	.0019346	.0010346	.0015889	.0244074	.1537465
#2	.0047957	.0016173	.0037042	-.000587	.0018674	.0319294	.1554921
#3	.0014918	.0006316	.0016235	.003047	-.000610	.0222539	.1536471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000743	-.000005	52.43361	.0004013	-.000966	.0045268	.0678165
Stddev	.0000460	.000091	.31745	.0002731	.000172	.0018818	.0039343
%RSD	61.84341	2007.039	.6054359	68.06680	17.79361	41.56923	5.801345

#1	.0000622	.000090	52.44915	.0006873	-.000945	.0066174	.0707549
#2	.0001251	-.000092	52.74300	.0003733	-.000806	.0029685	.0633468
#3	.0000357	-.000011	52.10867	.0001432	-.001148	.0039947	.0693478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037014	15.27367	.0000365	.0004529	32.98820	.0006099	.0008965
Stddev	.0002146	.09810	.0001911	.0002358	.37881	.0016650	.0047637
%RSD	5.798365	.6422875	524.0545	52.06703	1.148306	272.9815	531.3452

#1	.0036752	15.30487	.0000456	.0001996	32.58825	.0024711	-.001688
#2	.0039280	15.35237	-.000159	.0004929	33.34155	.0000969	-.002016
#3	.0035011	15.16376	.000223	.0006661	33.03479	-.000738	.006394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.27722	.0186442	23.34259	.0035563	8.715948	7.002653	-.001649
Stddev	.05407	.0014844	.24696	.0002070	.132792	.064612	.001154
%RSD	2.374524	7.961575	1.057999	5.821268	1.523553	.9226802	70.02557

#1	-2.33959	.0200634	23.48265	.0037112	8.632874	7.040595	-.000662
#2	-2.24851	.0171022	23.48768	.0036366	8.869099	7.039314	-.002918
#3	-2.24356	.0187669	23.05743	.0033212	8.645871	6.928049	-.001366

Sample Name: J1743-18 Acquired: 3/12/2018 15:58:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000722	-.000173	.5656718
Stddev	.000889	.000408	.0031450
%RSD	123.1965	236.4585	.5559693

#1	-.001462	-.000430	.5637746
#2	-.000968	-.000386	.5693021
#3	.000265	.000298	.5639388

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.458	4118.801	45650.14	6235.231	4689.079
Stddev	15.521	13.285	153.63	43.823	25.001
%RSD	.7735689	.3225332	.3365488	.7028221	.5331784

#1	2007.139	4115.986	45739.80	6242.983	4684.704
#2	2021.627	4107.151	45737.89	6188.050	4666.553
#3	1990.607	4133.268	45472.74	6274.660	4715.978

Sample Name: PB107201BL Acquired: 3/12/2018 16:02:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000239	.0000903	.0013531	.0020568	.0008973	.0029072
Stddev	.001023	.0011121	.0002233	.0006099	.0016025	.0070800
%RSD	427.6663	1231.346	16.50313	29.65351	178.5930	243.5314

#1	-.001057	.0010741	.0011441	.0023889	.0003128	-.003958
#2	-.000569	.0003132	.0013269	.0024286	.0027099	.002496
#3	.000908	-.001116	.0015884	.0013529	-.000331	.010184

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003429	.0000528	.0000039	.0027578	.0000350	-.000014
Stddev	.0000740	.0000924	.0000079	.0060493	.0005917	.000065
%RSD	21.58141	174.9461	201.2286	219.3540	1691.807	477.0441

#1	.0004146	.0000169	.0000112	-.002743	.0004247	-.000065
#2	.0003473	.0001577	-.000004	.009236	.0003261	-.000034
#3	.0002668	-.000016	.000005	.001781	-.000646	.000059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031961	.0001199	.0002492	.0337255	-.000257	-.000035
Stddev	.0010157	.0062728	.0007067	.0240652	.000091	.000234
%RSD	31.77946	5232.452	283.5380	71.35598	35.47058	661.5994

#1	.0034245	-.005534	-.000352	.0135170	-.000295	-.000270
#2	.0020857	.006868	.001028	.0603477	-.000153	-.000034
#3	.0040782	-.000974	.000072	.0273118	-.000323	.000198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.404679	.0009905	-.001878	-.702050	.0009767	F .0679683
Stddev	.132368	.0038166	.001093	.068547	.0027928	.0013511
%RSD	32.70947	385.3350	58.21740	9.763843	285.9343	1.987894

#1	-.521492	.0046493	-.001808	-.685833	-.002238	.0695093
#2	-.260906	-.002966	-.000821	-.777252	.002359	.0669867
#3	-.431638	.001288	-.003005	-.643066	.002809	.0674088

Sample Name: PB107201BL Acquired: 3/12/2018 16:02:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001429	.0095307	-.004375	-.000025	-.000827	-.004055
Stddev	.0001543	.0033893	.000517	.001111	.000484	.000532
%RSD	107.9899	35.56203	11.80675	4386.907	58.47138	13.12529

#1	.0000846	.0133311	-.003835	-.000992	-.000789	-.004662
#2	.0003178	.0084403	-.004864	-.000272	-.000363	-.003668
#3	.0000262	.0068208	-.004426	.001188	-.001328	-.003835

Elem	Sr4077
Units	ppm
Avg	.0000272
Stddev	.0000605
%RSD	222.4473

#1	.0000580
#2	.0000661
#3	-.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.121	4063.952	45061.07	6103.901	4810.062
Stddev	8.204	21.726	217.78	33.824	30.124
%RSD	.4185222	.5346099	.4833035	.5541440	.6262619

#1	1967.125	4041.209	45125.76	6097.420	4778.486
#2	1951.095	4066.153	44818.27	6140.497	4813.216
#3	1962.142	4084.494	45239.17	6073.787	4838.485

Sample Name: J1836-01 Acquired: 3/12/2018 16:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181202	.0018514	.1281050	.0008845	.0055210	27.62115	.3542207
Stddev	.0025662	.0006630	.0026096	.0014557	.0003135	.02000	.0012462
%RSD	14.16234	35.80832	2.037062	164.5888	5.677836	.0723960	.3518247

#1	.0158869	.0012838	.1311124	-.000679	.0058599	27.60083	.3536893
#2	.0209235	.0016905	.1267644	.001132	.0054615	27.64081	.3533282
#3	.0175501	.0025800	.1264383	.002200	.0052415	27.62181	.3556445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033731	-.000490	259.8515	.0525137	.0322424	.1469375	114.3506
Stddev	.0000820	.000104	.6323	.0002451	.0001070	.0037087	.2603
%RSD	2.431700	21.14049	.2433489	.4666379	.3318480	2.524029	.2275901

#1	.0032930	-.000510	259.7752	.0527612	.0321268	.1432437	114.6071
#2	.0034569	-.000581	259.2608	.0522711	.0323380	.1506610	114.0868
#3	.0033694	-.000377	260.5186	.0525088	.0322623	.1469078	114.3578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553612	20.37145	.0474814	.0004138	.1878934	.1004249	.2381544
Stddev	.009952	.02783	.0004053	.0002365	.0420964	.0005480	.0018854
%RSD	.3897254	.1365973	.8535291	57.13998	22.40442	.5456575	.7916542

#1	2.551844	20.35138	.0471236	.0004366	.2222877	.1002473	.2393676
#2	2.544662	20.35976	.0479215	.0006381	.2004432	.1010397	.2391133
#3	2.564329	20.40321	.0473992	.0001668	.1409493	.0999878	.2359824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146414	.9934537	.0664870	.0013484	1.193627	1.748438	.0010873
Stddev	.037527	.0094314	.0019174	.0001705	.002314	.011334	.0012017
%RSD	3.273428	.9493506	2.883899	12.64139	.1938502	.6482142	110.5280

#1	1.104880	.9930025	.0666950	.0015365	1.196213	1.760518	.0022565
#2	1.177880	1.003103	.0644741	.0012041	1.191751	1.746758	.0011500
#3	1.156481	.984256	.0682920	.0013047	1.192918	1.738038	-.000145

Sample Name: J1836-01 Acquired: 3/12/2018 16:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2500423	.0172836	.9457874
Stddev	.0010899	.0008538	.0016274
%RSD	.4358877	4.939815	.1720715

#1	.2508769	.0166092	.9456385
#2	.2488092	.0182435	.9474842
#3	.2504408	.0169980	.9442396

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.317	4033.524	45730.50	6440.617	4282.146
Stddev	8.903	6.914	57.07	30.639	4.102
%RSD	.4482349	.1714154	.1247959	.4757144	.0957884

#1	1990.857	4031.872	45780.70	6418.251	4277.504
#2	1992.036	4041.114	45668.43	6428.061	4283.653
#3	1976.059	4027.585	45742.38	6475.540	4285.281

Sample Name: J1836-02 Acquired: 3/12/2018 16:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125440	.0029898	.4638218	.0059559	.0059610	35.74179	.3701013
Stddev	.0048599	.0028709	.0047941	.0051230	.0016072	3.16578	.0335249
%RSD	38.74313	96.02194	1.033603	86.01683	26.96215	8.857375	9.058310

#1	.0122321	.0061258	.4592451	.0105741	.0078047	39.10247	.4066355
#2	.0078475	.0023525	.4634132	.0068482	.0052235	35.30706	.3629186
#3	.0175523	.0004912	.4688071	.0004453	.0048550	32.81584	.3407499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049220	.0024464	23.13010	.1230543	.0286694	.1170786	210.2227
Stddev	.0004087	.0007830	2.17419	.0030318	.0002231	.0097445	19.8330
%RSD	8.304143	32.00498	9.399828	2.463790	.7782287	8.323039	9.434273

#1	.0053391	.0016191	25.47485	.1198559	.0284470	.1273675	231.7558
#2	.0049046	.0025444	22.73472	.1234209	.0286679	.1158784	206.2086
#3	.0045222	.0031758	21.18073	.1258861	.0288932	.1079897	192.7039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894720	8.085596	.0508367	.0020472	.3780022	.1286808	1.427822
Stddev	.172909	.737517	.0001388	.0011596	.1985677	.0125744	.008793
%RSD	9.125835	9.121374	.2730385	56.64364	52.53083	9.771743	.6158573

#1	2.080941	8.900920	.0506769	.0033597	.2438808	.1420242	1.434416
#2	1.863971	7.890931	.0509060	.0016208	.2840110	.1269669	1.431211
#3	1.739248	7.464938	.0509271	.0011612	.6061148	.1170513	1.417838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.821167	.6676857	.0844725	.0025106	1.483577	7.782948	.0047798
Stddev	.448081	.0128807	.0153302	.0002991	.025339	.626166	.0012124
%RSD	24.60406	1.929162	18.14811	11.91193	1.707936	8.045362	25.36485

#1	2.307738	.6528140	.1021464	.0021795	1.461862	8.417094	.0034412
#2	1.730239	.6749252	.0764943	.0027610	1.477452	7.766673	.0058040
#3	1.425524	.6753178	.0747768	.0025914	1.511416	7.165078	.0050942

Sample Name: J1836-02 Acquired: 3/12/2018 16:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3250107	.0161673	.1012061
Stddev	.0299009	.0025723	.0090836
%RSD	9.199978	15.91058	8.975344

#1	.3562937	.0187155	.1109731
#2	.3220221	.0162149	.0996341
#3	.2967164	.0135716	.0930111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.336	4321.264	50107.54	6480.492	4742.302
Stddev	9.227	28.177	328.72	513.625	31.718
%RSD	.4251389	.6520633	.6560386	7.925714	.6688277

#1	2178.555	4348.572	50404.40	5947.530	4776.767
#2	2172.098	4322.929	50163.96	6521.640	4735.799
#3	2160.355	4292.291	49754.25	6972.305	4714.339

Sample Name: J1836-03 Acquired: 3/12/2018 16:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137528	.0002521	.0371204	.0001833	.0016209	19.07016	.1636673
Stddev	.0018120	.0013256	.0010726	.0034637	.0005403	.08051	.0003237
%RSD	13.17516	525.8615	2.889491	1890.124	33.33512	.4221993	.1977571

#1	.0145422	-.001266	.0373489	-.003586	.0020980	18.97750	.1634111
#2	.0150361	.001182	.0380604	.000909	.0017306	19.10986	.1640311
#3	.0116800	.000840	.0359520	.003226	.0010342	19.12311	.1635598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023776	-.000294	3.249838	.0428232	.0236466	.0244910	41.33321
Stddev	.0000647	.000023	.018586	.0005605	.0003347	.0022718	.30173
%RSD	2.722147	7.784358	.5718928	1.308924	1.415547	9.276047	.7299876

#1	.0023485	-.000302	3.231532	.0433002	.0239815	.0269652	41.15593
#2	.0023324	-.000312	3.268691	.0429636	.0236464	.0224990	41.68159
#3	.0024517	-.000268	3.249291	.0422058	.0233120	.0240087	41.16209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2497770	2.577811	.0299838	.0005435	.0139310	.0646270	.0638091
Stddev	.0015751	.039024	.0001514	.0001118	.0530992	.0014268	.0018404
%RSD	.6305881	1.513856	.5048992	20.57485	381.1573	2.207689	2.884238

#1	.2489426	2.563454	.0300537	.0004574	-.045667	.0630013	.0640015
#2	.2515937	2.621980	.0300877	.0005032	.056204	.0652091	.0655457
#3	.2487946	2.547998	.0298102	.0006698	.031256	.0656708	.0618800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122772	.3140301	.0594850	.0012397	.4792908	4.715759	.0019921
Stddev	.039975	.0056328	.0001092	.0001674	.0053015	.024868	.0005963
%RSD	32.56070	1.793706	.1835410	13.50164	1.106119	.5273323	29.93310

#1	-.150017	.3189149	.0593878	.0011114	.4852343	4.693444	.0024186
#2	-.076880	.3153068	.0596031	.0011787	.4775887	4.742567	.0022471
#3	-.141418	.3078685	.0594640	.0014290	.4750494	4.711265	.0013107

Sample Name: J1836-03 Acquired: 3/12/2018 16:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2509365	.0091903	.0365511
Stddev	.0030303	.0011689	.0001664
%RSD	1.207606	12.71861	.4552076

#1	.2479379	.0088363	.0363618
#2	.2508742	.0104952	.0366175
#3	.2539976	.0082393	.0366741

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.528	4127.201	47619.82	6541.659	4690.466
Stddev	3.064	15.055	105.67	26.116	24.616
%RSD	.1490389	.3647681	.2218940	.3992251	.5248025

#1	2057.457	4118.739	47625.69	6568.511	4675.620
#2	2051.996	4118.282	47511.35	6516.347	4676.897
#3	2057.132	4144.583	47722.43	6540.121	4718.880

Sample Name: J1836-04 Acquired: 3/12/2018 16:18:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072099	.0014607	.0096128	.0018162	.0016227	26.31709	.1629094
Stddev	.0018751	.0007945	.0005633	.0008354	.0007475	.04539	.0007604
%RSD	26.00783	54.39167	5.860172	45.99822	46.06505	.1724785	.4667424

#1	.0054344	.0005845	.0098003	.0009172	.0013216	26.27532	.1632640
#2	.0070243	.0016634	.0089796	.0019626	.0024737	26.36540	.1634276
#3	.0091709	.0021342	.0100585	.0025686	.0010727	26.31055	.1620365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029915	-.000473	4.519158	.0834776	.0370927	.0702857	30.79136
Stddev	.0000951	.000040	.016638	.0001763	.0013586	.0011967	.09446
%RSD	3.179948	8.546337	.3681559	.2112106	3.662651	1.702599	.3067759

#1	.0029149	-.000511	4.535758	.0836213	.0386601	.0690114	30.89750
#2	.0030980	-.000431	4.519234	.0832809	.0363649	.0704601	30.76009
#3	.0029615	-.000479	4.502483	.0835306	.0362530	.0713857	30.71650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1570194	5.281880	.0525552	.0004563	.2773239	.0384799	.1165622
Stddev	.0008234	.053686	.0020971	.0004166	.2644552	.0008994	.0033843
%RSD	.5243791	1.016414	3.990222	91.29494	95.35970	2.337425	2.903402

#1	.1575748	5.340005	.0549754	-.000004	.2969496	.0384017	.1140583
#2	.1574100	5.271480	.0514119	.000808	.0036026	.0376221	.1204125
#3	.1560734	5.234156	.0512782	.000564	.5314196	.0394159	.1152159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067192	.1700741	.0573551	.0076101	.4392594	1.872520	.0023340
Stddev	.015275	.0083507	.0005397	.0002095	.0193805	.009866	.0008040
%RSD	.7389229	4.910048	.9409830	2.753332	4.412094	.5268799	34.44902

#1	2.080809	.1796041	.0579412	.0077888	.4616377	1.875210	.0026031
#2	2.050675	.1640368	.0568787	.0073795	.4281876	1.880763	.0014299
#3	2.070092	.1665814	.0572455	.0076620	.4279529	1.861589	.0029691

Sample Name: J1836-04 Acquired: 3/12/2018 16:18:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1025428	.0152464	.0442305
Stddev	.0013912	.0007223	.0000828
%RSD	1.356717	4.737678	.1871704

#1	.1033387	.0144127	.0442005
#2	.1033533	.0156854	.0443241
#3	.1009364	.0156410	.0441668

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.974	4281.063	46376.51	6443.407	4815.012
Stddev	3.628	135.962	128.59	4.813	158.461
%RSD	.1829743	3.175891	.2772699	.0746984	3.290987

#1	1979.031	4124.262	46258.45	6446.356	4632.414
#2	1983.720	4352.703	46513.52	6437.853	4896.140
#3	1986.172	4366.224	46357.54	6446.012	4916.482

Sample Name: J1836-05 Acquired: 3/12/2018 16:22:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427589	.0039011	.0979338	.0032392	.0041333	73.00709	.4127316
Stddev	.0014138	.0011325	.0009496	.0022495	.0011969	.45135	.0019108
%RSD	3.306431	29.03019	.9696162	69.44500	28.95787	.6182263	.4629704

#1	.0442727	.0045322	.0989018	.0014963	.0055050	73.50932	.4122124
#2	.0414727	.0045775	.0978958	.0057786	.0035942	72.63540	.4148484
#3	.0425314	.0025937	.0970038	.0024428	.0033008	72.87655	.4111340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058306	-.001099	8.612504	.1292617	.1328151	.0712157	117.8444
Stddev	.0000536	.000061	.024350	.0004184	.0001525	.0014602	.3713
%RSD	.9199389	5.571265	.2827312	.3237143	.1148471	2.050382	.3150543

#1	.0057742	-.001029	8.637224	.1288038	.1326471	.0711101	117.7743
#2	.0058810	-.001140	8.588541	.1296242	.1328533	.0727259	118.2458
#3	.0058364	-.001129	8.611747	.1293571	.1329449	.0698113	117.5132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.234480	6.484042	.0554429	.0010967	.2036891	.1918696	.0888409
Stddev	.022098	.078680	.0011122	.0003180	.0153758	.0010260	.0033885
%RSD	.5218504	1.213444	2.006014	28.99936	7.548667	.5347112	3.814111

#1	4.234271	6.494872	.0542143	.0014610	.2206322	.1919214	.0852275
#2	4.256682	6.556745	.0563811	.0009543	.1906225	.1908187	.0893479
#3	4.212488	6.400507	.0557332	.0008747	.1998127	.1928687	.0919473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375043	1.001565	.0603670	.0014535	.5665125	3.983694	.0038168
Stddev	.062454	.007029	.0019402	.0004551	.0060880	.013617	.0006407
%RSD	1.427513	.7017653	3.213937	31.30827	1.074642	.3418152	16.78727

#1	4.412286	.995027	.0595368	.0019161	.5662930	3.972891	.0033277
#2	4.302940	1.008999	.0625841	.0014380	.5727073	3.979202	.0045421
#3	4.409902	1.000669	.0589801	.0010064	.5605373	3.998990	.0035807

Sample Name: J1836-05 Acquired: 3/12/2018 16:22:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2673459	.0311528	.0581498
Stddev	.0018798	.0004140	.0003253
%RSD	.7031260	1.329017	.5594612

#1	.2688448	.0307220	.0585169
#2	.2652369	.0315477	.0578972
#3	.2679560	.0311886	.0580354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.615	4186.956	48529.96	6776.046	4473.456
Stddev	9.949	6.373	252.54	24.465	4.146
%RSD	.4763268	.1522011	.5203806	.3610530	.0926782

#1	2096.660	4193.467	48732.69	6755.640	4474.166
#2	2091.695	4186.671	48610.13	6803.168	4477.201
#3	2077.491	4180.731	48247.07	6769.330	4469.001

Sample Name: J1836-06 Acquired: 3/12/2018 16:26:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810240	.0015218	.0467238	.0032137	.0057890	43.34049	.5098717
Stddev	.0007365	.0015358	.0014394	.0031066	.0021465	.12766	.0012634
%RSD	.9089268	100.9155	3.080713	96.66996	37.07895	.2945578	.2477970

#1	.0811172	-.000068	.0480212	.0032745	.0079674	43.19444	.5090998
#2	.0817095	.001636	.0469749	.0062895	.0057234	43.39613	.5091855
#3	.0802454	.002998	.0451754	.0000771	.0036760	43.43088	.5113297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115116	-.003421	-1.96422	.1025242	.2301628	.1940510	224.0360
Stddev	.0001594	.000105	.04765	.0040817	.0011458	.0017391	.7478
%RSD	1.384482	3.062591	2.425772	3.981237	.4978262	.8962164	.3337851

#1	.0116010	-.003309	-1.97467	.1028009	.2314588	.1921607	224.8770
#2	.0113276	-.003517	-1.91222	.0983112	.2297454	.1955832	223.4461
#3	.0116063	-.003436	-2.00578	.1064606	.2292842	.1944090	223.7848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.973693	4.415819	.0555656	.0010906	.4288687	.2522866	-.011406
Stddev	.010309	.042287	.0006308	.0005691	.0376562	.0004017	.003962
%RSD	.3466567	.9576365	1.135183	52.18523	8.780348	.1592124	34.73938

#1	2.979119	4.464544	.0561387	.0009843	.4641974	.2525905	-.015342
#2	2.961805	4.388694	.0548898	.0017053	.4331566	.2524382	-.011459
#3	2.980156	4.394219	.0556684	.0005820	.3892522	.2518312	-.007418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.010870	1.880529	.0609120	.0005358	.4099352	4.269063	.0023295
Stddev	.039454	.007716	.0021324	.0001754	.0054650	.054339	.0004083
%RSD	1.962045	.4103117	3.500741	32.73318	1.333134	1.272849	17.52976

#1	2.040526	1.889380	.0586904	.0006520	.4146641	4.319345	.0027342
#2	1.966092	1.876985	.0629423	.0006214	.4111894	4.211419	.0023366
#3	2.025993	1.875222	.0611034	.0003341	.4039522	4.276427	.0019176

Sample Name: J1836-06 Acquired: 3/12/2018 16:26:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1849594	.0144962	.0401696
Stddev	.0008124	.0005504	.0000254
%RSD	.4392486	3.797005	.0633483

#1	.1849185	.0146126	.0401531
#2	.1857915	.0138969	.0401569
#3	.1841682	.0149792	.0401989

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.155	4261.963	47254.26	6695.038	4494.603
Stddev	60.793	3.516	1480.57	29.638	20.274
%RSD	3.003399	.0824929	3.133197	.4426896	.4510789

#1	2031.027	4260.025	47353.81	6663.825	4471.203
#2	2081.220	4259.843	48682.54	6722.799	4505.674
#3	1960.218	4266.022	45726.42	6698.490	4506.931

Sample Name: CCV032 Acquired: 3/12/2018 16:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.807298	4.824705	23.72296	4.863523	4.915979	393.8486
Stddev	.036490	.049512	.13425	.030926	.028894	2.8655
%RSD	.7590560	1.026209	.5659262	.6358673	.5877643	.7275517

#1	4.834503	4.862212	23.74990	4.891851	4.930128	397.1322
#2	4.821560	4.843319	23.84170	4.868188	4.935073	391.8546
#3	4.765831	4.768585	23.57727	4.830530	4.882738	392.5589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24700	.5127612	2.398565	408.9803	14.73078	2.414051
Stddev	.08848	.0044937	.013825	3.5356	.24879	.013730
%RSD	.8634618	.8763755	.5763790	.8644998	1.688895	.5687425

#1	10.34838	.5171383	2.403038	413.0627	14.92768	2.417575
#2	10.20725	.5129861	2.409599	406.9728	14.45118	2.425675
#3	10.18536	.5081594	2.383057	406.9053	14.81349	2.398903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78745	420.8632	14.92219	408.4626	2.433183	1.284005
Stddev	.07232	3.1280	.12414	2.8097	.012184	.018558
%RSD	.4890598	.7432316	.8318841	.6878797	.5007235	1.445326

#1	14.86737	424.1470	15.05305	411.5128	2.438123	1.299954
#2	14.76843	420.5240	14.90744	407.8949	2.442120	1.263636
#3	14.72653	417.9187	14.80610	405.9801	2.419305	1.288424

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.8383	2.528873	F 13.39226	148.9154	5.095082	5.022247
Stddev	3.3940	.022033	.28333	.7836	.061028	.040521
%RSD	.8084035	.8712462	2.115632	.5262262	1.197776	.8068392

#1	423.6920	2.541786	13.62928	149.8202	5.134612	5.067125
#2	418.5287	2.541401	13.07845	148.4743	5.125839	5.011274
#3	417.2943	2.503433	13.46904	148.4518	5.024796	4.988342

Sample Name: CCV032 Acquired: 3/12/2018 16:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789855	4.982071	4.967642	4.814352	4.823450	4.988417
Stddev	.025195	.035177	.053574	.022341	.039014	.051942
%RSD	.5260051	.7060737	1.078451	.4640519	.8088492	1.041249

#1	4.810303	5.006765	5.023755	4.821969	4.868430	5.046477
#2	4.797553	4.997655	4.962136	4.831889	4.798790	4.946359
#3	4.761709	4.941794	4.917033	4.789199	4.803130	4.972414

Elem	Sr4077
Units	ppm
Avg	4.946718
Stddev	.044929
%RSD	.9082633

#1	4.995322
#2	4.938129
#3	4.906704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.847	3254.358	35910.80	5451.643	3388.788
Stddev	21.586	12.926	448.11	32.827	16.329
%RSD	1.491940	.3971863	1.247836	.6021400	.4818491

#1	1427.000	3243.270	35534.51	5420.882	3381.089
#2	1469.830	3251.249	36406.52	5447.843	3377.732
#3	1443.711	3268.555	35791.38	5486.205	3407.543

Sample Name: CCB032 Acquired: 3/12/2018 16:56:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001365	.0008978	-.000012	.0013797	.0003988	.0011937	-.000430
Stddev	.001229	.0020333	.001351	.0024100	.0007126	.0095441	.000158
%RSD	89.99456	226.4690	11635.84	174.6735	178.6895	799.5459	36.64240

#1	-.002529	-.001237	-.001482	.0003707	.0002087	-.007284	-.000250
#2	-.001486	.001120	.000271	.0041303	-.000199	.011530	-.000494
#3	-.000081	.002811	.001175	-.000362	.001187	-.000665	-.000545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000629	.0000275	-.001840	.0000864	-.000116	.0021811	.0000185
Stddev	.0000313	.0000551	.010574	.0000717	.000094	.0012131	.0035909
%RSD	49.67188	200.5927	574.6631	82.91188	80.90404	55.61957	19456.90

#1	.0000357	.0000898	-.011181	.0001629	-.000155	.0012440	.0038733
#2	.0000971	-.000015	-.003978	.0000757	-.000009	.0017480	-.000586
#3	.0000560	.000008	.009640	.0000208	-.000185	.0035513	-.003232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002153	.0134120	-.000031	.0001920	.1412853	-.001432	-.002515
Stddev	.0000950	.0087270	.000160	.0002519	.1151775	.002582	.000468
%RSD	44.13177	65.06893	510.2087	131.2168	81.52120	180.3329	18.61356

#1	.0002051	.0234399	-.000212	.0004532	.0637745	-.004310	-.003046
#2	.0001258	.0092592	.000027	.0001723	.2736350	.000682	-.002336
#3	.0003151	.0075368	.000091	-.000049	.0864463	-.000667	-.002162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.392264	-.000303	.0086130	.0000566	-.006617	-.004176	-.000284
Stddev	.118698	.000513	.0004124	.0001588	.003285	.001350	.001103
%RSD	30.25983	169.4909	4.787840	280.5034	49.64257	32.31880	387.8848

#1	-.514429	-.000757	.0088456	.0000175	-.010255	-.004083	.000954
#2	-.384998	.000254	.0088565	-.000079	-.005726	-.002875	-.001162
#3	-.277366	-.000406	.0081368	.000231	-.003869	-.005570	-.000645

Sample Name: CCB032 Acquired: 3/12/2018 16:56:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000343	-.003975	-.000061
Stddev	.001025	.000581	.000031
%RSD	299.0814	14.60761	50.31352

#1	.000526	-.003556	-.000031
#2	-.001473	-.003731	-.000093
#3	-.000081	-.004638	-.000060

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.455	4085.419	44810.49	6175.495	4843.781
Stddev	12.912	27.090	156.60	41.497	28.721
%RSD	.6702346	.6630979	.3494685	.6719576	.5929481

#1	1940.752	4106.828	44971.40	6223.395	4867.859
#2	1922.970	4094.466	44658.59	6152.617	4851.492
#3	1915.644	4054.963	44801.49	6150.473	4811.991

Sample Name: J1836-07 Acquired: 3/12/2018 17:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233000	.0018978	.1259060	.0007436	.0027014	27.77174	.4984115
Stddev	.0012431	.0010152	.0014280	.0009499	.0006044	.07943	.0027976
%RSD	5.335237	53.49450	1.134198	127.7431	22.37452	.2859958	.5613106

#1	.0222442	.0007268	.1253056	-.000174	.0031309	27.85960	.4953406
#2	.0246701	.0025309	.1275362	.000683	.0020102	27.75056	.5008153
#3	.0229856	.0024356	.1248762	.001723	.0029632	27.70504	.4990787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023761	.0010066	234.6406	.0686506	.0218251	.0900584	54.81746
Stddev	.0000530	.0000129	.8499	.0003246	.0000989	.0014140	.32840
%RSD	2.232270	1.278026	.3622229	.4728500	.4529523	1.570049	.5990800

#1	.0023191	.0009918	233.6635	.0690082	.0218687	.0886973	54.44895
#2	.0024239	.0010135	235.2087	.0683746	.0217119	.0899581	55.07915
#3	.0023853	.0010145	235.0495	.0685688	.0218946	.0915198	54.92427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.182716	20.94204	.0395604	.0008525	.4543333	.0869794	.3207052
Stddev	.009708	.16531	.0004583	.0002521	.1138138	.0029117	.0099976
%RSD	.4447468	.7893849	1.158586	29.57480	25.05074	3.347627	3.117372

#1	2.174269	20.75144	.0399656	.0008835	.5442797	.0847497	.3232492
#2	2.193321	21.04644	.0396525	.0010877	.3263792	.0859149	.3096814
#3	2.180559	21.02823	.0390629	.0005863	.4923409	.0902736	.3291851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.573181	2.197670	.0576683	.0031552	4.068935	5.930730	.0062655
Stddev	.044409	.011308	.0022561	.0000829	.008033	.015515	.0007380
%RSD	1.725852	.5145513	3.912201	2.627838	.1974214	.2615979	11.77969

#1	2.572353	2.184812	.0552200	.0032508	4.060022	5.948620	.0065725
#2	2.617999	2.202131	.0581215	.0031119	4.075615	5.922606	.0054235
#3	2.529192	2.206068	.0596634	.0031029	4.071170	5.920965	.0068005

Sample Name: J1836-07 Acquired: 3/12/2018 17:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5989234	.0192568	.8013222
Stddev	.0013643	.0004686	.0009393
%RSD	.2277957	2.433523	.1172173

#1	.5999022	.0197958	.8008994
#2	.5995029	.0189461	.8023986
#3	.5973650	.0190285	.8006687

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.952	3885.493	43293.31	6274.298	4185.033
Stddev	10.397	14.406	128.68	29.873	20.324
%RSD	.5625980	.3707695	.2972314	.4761199	.4856392

#1	1859.895	3872.884	43242.56	6239.907	4171.237
#2	1840.922	3882.402	43197.75	6289.187	4175.489
#3	1843.041	3901.194	43439.63	6293.802	4208.372

Sample Name: J1836-08 Acquired: 3/12/2018 17:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135638	.0002695	.0375681	.0009904	.0015053	28.38823	.1875413
Stddev	.0005831	.0015211	.0011280	.0018334	.0015857	.13235	.0005131
%RSD	4.298610	564.5146	3.002443	185.1129	105.3432	.4662124	.2735823

#1	.0140385	-.000265	.0375951	-.001117	-.000128	28.32983	.1869748
#2	.0129130	-.000913	.0364269	.002215	.001604	28.29513	.1879747
#3	.0137399	.001986	.0386823	.001874	.003039	28.53974	.1876743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028005	-.000653	25.09506	.0648122	.0103264	.0723479	61.80893
Stddev	.0001009	.000069	.08160	.0003143	.0000970	.0014897	.14649
%RSD	3.602544	10.62588	.3251734	.4849896	.9396668	2.059098	.2370022

#1	.0028891	-.000587	25.04928	.0645666	.0104286	.0712031	61.69214
#2	.0026907	-.000646	25.04662	.0647037	.0102356	.0718084	61.76136
#3	.0028218	-.000726	25.18927	.0651665	.0103149	.0740322	61.97329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4682776	4.106620	.0238754	.0005239	.3061555	.0989089	.0614970
Stddev	.0011517	.009534	.0001942	.0001719	.1052383	.0016299	.0033288
%RSD	.2459497	.2321629	.8134541	32.80880	34.37413	1.647832	5.412950

#1	.4669479	4.100089	.0240218	.0007020	.3704688	.0970337	.0581799
#2	.4689249	4.102209	.0239494	.0003590	.1847075	.0997082	.0614736
#3	.4689601	4.117560	.0236551	.0005108	.3632901	.0999849	.0648374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.156101	.8065808	.0298652	.0019075	.5632952	1.721838	.0012496
Stddev	.053976	.0114084	.0009381	.0001445	.0093148	.012930	.0006135
%RSD	2.503430	1.414420	3.141033	7.574068	1.653625	.7509335	49.09661

#1	2.095493	.8182806	.0289208	.0018067	.5738587	1.736739	.0016397
#2	2.173814	.8059737	.0307968	.0018428	.5562599	1.713586	.0005424
#3	2.198995	.7954880	.0298779	.0020730	.5597671	1.715188	.0015666

Sample Name: J1836-08 Acquired: 3/12/2018 17:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2167118	.0147014	.1131886
Stddev	.0011803	.0006994	.0003902
%RSD	.5446394	4.757519	.3447499

#1	.2176683	.0142707	.1130741
#2	.2153927	.0155084	.1128685
#3	.2170744	.0143252	.1136233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.303	4105.704	45573.21	6416.137	4587.903
Stddev	2.120	16.997	145.38	9.336	21.454
%RSD	.1086438	.4139952	.3190034	.1455107	.4676126

#1	1953.229	4088.696	45582.61	6405.365	4565.721
#2	1951.650	4105.725	45713.65	6421.884	4589.444
#3	1949.031	4122.691	45423.35	6421.163	4608.545

Sample Name: J1836-09 Acquired: 3/12/2018 17:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194209	.0025056	.0288328	.0014539	.0026306	29.12823	.2326033
Stddev	.0021968	.0010043	.0004607	.0016052	.0008017	.04297	.0004153
%RSD	11.31167	40.08138	1.597930	110.4086	30.47541	.1475320	.1785353

#1	.0184688	.0028190	.0285434	.0013102	.0017337	29.16917	.2328321
#2	.0219332	.0033159	.0293641	-.000075	.0032775	29.13206	.2328539
#3	.0178607	.0013820	.0285909	.003126	.0028807	29.08347	.2321240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038378	-.001681	4.527832	.0583518	.0365620	.0983752	109.4993
Stddev	.0001198	.000022	.036783	.0007582	.0001781	.0005962	.4367
%RSD	3.120720	1.285893	.8123754	1.299404	.4870899	.6059926	.3988120

#1	.0037015	-.001705	4.569205	.0576427	.0367603	.0990618	109.8591
#2	.0039262	-.001675	4.498828	.0582617	.0365099	.0980739	109.6254
#3	.0038856	-.001663	4.515464	.0591511	.0364157	.0979898	109.0134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143597	2.455419	.0254257	.0008167	.4334819	.1295392	.0028142
Stddev	.006930	.004076	.0003908	.0002428	.2459631	.0040493	.0023680
%RSD	.6059880	.1659818	1.537011	29.73294	56.74126	3.125935	84.14250

#1	1.146765	2.458560	.0253384	.0010339	.6417938	.1294240	.0009260
#2	1.148377	2.450813	.0258527	.0008616	.1621361	.1336449	.0020457
#3	1.135650	2.456883	.0250859	.0005545	.4965157	.1255487	.0054710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.892978	.5381757	.0316442	.0019314	.1774331	6.488417	.0014809
Stddev	.030970	.0051222	.0024902	.0002393	.0054184	.038253	.0002424
%RSD	1.070533	.9517711	7.869527	12.39190	3.053751	.5895550	16.36828

#1	2.892063	.5386461	.0345119	.0020069	.1824003	6.446223	.0017133
#2	2.924396	.5430464	.0300268	.0021238	.1782440	6.498200	.0014998
#3	2.862475	.5328345	.0303940	.0016634	.1716550	6.520828	.0012296

Sample Name: J1836-09 Acquired: 3/12/2018 17:09:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2444114	.0170398	.0600949
Stddev	.0026330	.0010432	.0002489
%RSD	1.077292	6.122051	.4141302

#1	.2444082	.0164938	.0599596
#2	.2417800	.0163829	.0603821
#3	.2470460	.0182426	.0599430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.422	4324.514	47635.93	6677.780	4763.181
Stddev	12.464	20.439	233.67	41.617	23.863
%RSD	.6046154	.4726246	.4905387	.6232114	.5009978

#1	2066.390	4304.166	47702.07	6688.495	4743.704
#2	2070.635	4324.333	47829.40	6631.854	4756.039
#3	2047.240	4345.042	47376.31	6712.992	4789.800

Sample Name: J1836-10 Acquired: 3/12/2018 17:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169854	.0018527	.0421110	.0019990	.0017413	34.66074	.2597512
Stddev	.0041038	.0002477	.0011130	.0027445	.0014065	.17434	.0016415
%RSD	24.16078	13.36928	2.643094	137.2914	80.77262	.5029938	.6319302

#1	.0215231	.0018246	.0418087	-.001170	.0013876	34.62190	.2615047
#2	.0158991	.0016202	.0411804	.003553	.0032910	34.50909	.2582513
#3	.0135340	.0021132	.0433440	.003613	.0005455	34.85122	.2594975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044174	-.001561	5.995750	.0599779	.0586354	.1066641	103.2589
Stddev	.0000715	.000031	.025983	.0002340	.0005082	.0012494	.4099
%RSD	1.618395	1.959169	.4333549	.3901466	.8667162	1.171329	.3969964

#1	.0043440	-.001533	6.017912	.0602449	.0589883	.1079154	103.6572
#2	.0044869	-.001594	6.002183	.0598804	.0588649	.1066602	103.2813
#3	.0044214	-.001558	5.967155	.0598084	.0580529	.1054166	102.8383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.038831	3.444809	.0325458	.0009130	.5608013	.1383641	.0089819
Stddev	.010175	.018557	.0007159	.0002563	.1272671	.0038106	.0017658
%RSD	.4990622	.5386977	2.199733	28.07311	22.69380	2.754029	19.65992

#1	2.049339	3.453065	.0325490	.0008523	.4213515	.1380830	.0080245
#2	2.038128	3.423556	.0332602	.0006926	.6706789	.1423075	.0110197
#3	2.029025	3.457805	.0318283	.0011943	.5903736	.1347019	.0079015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.811396	.7552648	.0354360	.0017815	.3387168	3.999739	.0017984
Stddev	.014566	.0084215	.0015276	.0002054	.0058166	.018177	.0006802
%RSD	.3821643	1.115036	4.310870	11.53012	1.717254	.4544539	37.82016

#1	3.801080	.7620001	.0367127	.0016412	.3442900	4.005352	.0024966
#2	3.828058	.7579714	.0358519	.0016860	.3391763	3.979418	.0011378
#3	3.805050	.7458228	.0337436	.0020172	.3326840	4.014448	.0017607

Sample Name: J1836-10 Acquired: 3/12/2018 17:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2621829	.0209235	.0676761
Stddev	.0018973	.0006474	.0001763
%RSD	.7236355	3.094157	.2604408

#1	.2619120	.0201817	.0676696
#2	.2604356	.0212145	.0675032
#3	.2642010	.0213744	.0678555

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.562	4128.544	45195.80	6308.993	4569.377
Stddev	5.920	54.617	154.15	17.393	65.224
%RSD	.3031986	1.322911	.3410815	.2756888	1.427406

#1	1945.798	4091.367	45019.83	6303.139	4522.250
#2	1956.802	4103.015	45260.51	6328.557	4542.065
#3	1955.087	4191.251	45307.04	6295.281	4643.817

Sample Name: J1836-11 Acquired: 3/12/2018 17:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1287193	.0014514	.0545611	.0095869	.0058909	56.54051	.5086816
Stddev	.0022939	.0019281	.0016474	.0018594	.0014395	.65631	.0058962
%RSD	1.782077	132.8413	3.019288	19.39550	24.43528	1.160770	1.159118

#1	.1304708	.0005768	.0558095	.0105008	.0052655	56.74652	.5067567
#2	.1261228	.0001156	.0551799	.0074474	.0048700	55.80592	.5039884
#3	.1295643	.0036618	.0526940	.0108126	.0075374	57.06910	.5152997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117138	-.003891	-2.10246	.1177023	.2775360	.2155710	292.7474
Stddev	.0001263	.000096	.07159	.0010248	.0020073	.0014390	3.5550
%RSD	1.077856	2.477618	3.405265	.8706876	.7232638	.6675219	1.214350

#1	.0118498	-.003867	-2.03211	.1188774	.2795559	.2159534	292.2131
#2	.0116913	-.003809	-2.17524	.1172351	.2775104	.2139794	289.4898
#3	.0116004	-.003997	-2.10004	.1169943	.2755415	.2167801	296.5392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.868625	4.717680	.0607296	.0029031	.5689906	.3067827	-.017325
Stddev	.046964	.080561	.0006341	.0004982	.0675113	.0017102	.005446
%RSD	1.213978	1.707643	1.044080	17.16070	11.86510	.5574691	31.43654

#1	3.857616	4.752742	.0613942	.0023905	.4910353	.3064816	-.014631
#2	3.828143	4.625529	.0606631	.0029335	.6080624	.3052431	-.013751
#3	3.920115	4.774769	.0601314	.0033855	.6078740	.3086235	-.023594

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.164996	1.354027	.0565846	.0017829	.5971477	3.413397	.0011834
Stddev	.085019	.010262	.0098923	.0002040	.0033255	.029869	.0003376
%RSD	3.926978	.7578907	17.48231	11.43913	.5569032	.8750407	28.52534

#1	2.109724	1.360071	.0489767	.0020177	.5949975	3.447881	.0008069
#2	2.122368	1.359832	.0530097	.0016812	.6009781	3.395601	.0014591
#3	2.262896	1.342178	.0677674	.0016497	.5954674	3.396710	.0012843

Sample Name: J1836-11 Acquired: 3/12/2018 17:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2374704	.0196897	.0411660
Stddev	.0026526	.0005243	.0005979
%RSD	1.117041	2.663044	1.452424

#1	.2389614	.0192472	.0413794
#2	.2344078	.0195529	.0404907
#3	.2390421	.0202688	.0416280

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.683	4393.383	48659.99	6832.698	4615.299
Stddev	10.727	19.860	220.24	37.513	22.221
%RSD	.5140630	.4520539	.4526140	.5490222	.4814677

#1	2079.981	4376.968	48434.70	6804.047	4593.869
#2	2081.013	4387.721	48670.47	6875.159	4613.795
#3	2099.055	4415.459	48874.81	6818.890	4638.235

Sample Name: J1836-12 Acquired: 3/12/2018 17:21:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347769	-.000186	.0787021	.0069260	.0042971	110.0970	.6645064
Stddev	.0007078	.002866	.0011591	.0025005	.0015939	.1601	.0006632
%RSD	2.035193	1538.728	1.472766	36.10237	37.09250	.1454611	.0997975

#1	.0349348	.003082	.0796609	.0071728	.0043788	109.9192	.6640802
#2	.0353924	-.002271	.0774140	.0043113	.0026640	110.1418	.6652705
#3	.0340035	-.001370	.0790314	.0092939	.0058487	110.2300	.6641686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074972	-.002112	9.833980	.1123232	.0319342	.0780398	151.3855
Stddev	.0001569	.000071	.047254	.0037188	.0002698	.0012722	.1872
%RSD	2.092376	3.361010	.4805140	3.310828	.8449047	1.630150	.1236292

#1	.0073287	-.002044	9.818144	.1144709	.0321309	.0791273	151.2938
#2	.0075238	-.002186	9.887118	.1144697	.0320450	.0766408	151.6008
#3	.0076391	-.002107	9.796679	.1080291	.0316266	.0783512	151.2618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8618718	10.78503	.0573048	.0016725	.5693637	.2303123	.1187775
Stddev	.0009122	.04898	.0002119	.0000702	.1547805	.0007117	.0089405
%RSD	.1058356	.4541761	.3696831	4.195482	27.18483	.3090319	7.527075

#1	.8624230	10.73749	.0573662	.0016811	.6037676	.2304114	.1273551
#2	.8623735	10.83533	.0574792	.0017379	.4002759	.2295562	.1194637
#3	.8608189	10.78227	.0570691	.0015984	.7040475	.2309693	.1095137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.147643	.7816561	.0319603	.0033089	.5170637	4.347050	.0052157
Stddev	.044826	.0033527	.0018177	.0001696	.0042560	.032328	.0008071
%RSD	.8708029	.4289289	5.687527	5.126666	.8231189	.7436833	15.47542

#1	5.096296	.7833759	.0338478	.0034924	.5217312	4.316272	.0059390
#2	5.178970	.7838000	.0318118	.0031578	.5160620	4.344147	.0053630
#3	5.167665	.7777924	.0302214	.0032766	.5133978	4.380733	.0043450

Sample Name: J1836-12 Acquired: 3/12/2018 17:21:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4364864	.0354341	.1005937
Stddev	.0008143	.0007254	.0004305
%RSD	.1865506	2.047046	.4279551

#1	.4373310	.0361364	.1004257
#2	.4364218	.0354783	.1010829
#3	.4357063	.0346877	.1002725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.652	4282.466	47288.38	6597.151	4482.618
Stddev	63.387	13.214	1387.18	14.316	19.000
%RSD	3.089568	.3085517	2.933454	.2169959	.4238541

#1	1998.141	4273.003	46232.08	6596.827	4473.407
#2	2035.161	4276.831	46773.71	6611.626	4469.980
#3	2121.655	4297.563	48859.34	6583.000	4504.468

Sample Name: J1836-13 Acquired: 3/12/2018 17:25:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255203	.0018267	.0620238	.0032659	.0050688	81.06747	.4603458
Stddev	.0001544	.0016817	.0007913	.0032489	.0010352	.24840	.0010810
%RSD	.6052077	92.06466	1.275826	99.47860	20.42197	.3064122	.2348249

#1	.0256802	.0021721	.0625070	.0061147	.0039807	80.97550	.4613356
#2	.0255089	-.000001	.0624538	.0039552	.0060414	80.87817	.4591923
#3	.0253719	.003309	.0611106	-.000272	.0051844	81.34874	.4605095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055172	-.001910	3.540354	.0776751	.0364367	.0585927	122.4564
Stddev	.0000689	.000056	.013793	.0001884	.0002323	.0014607	.1364
%RSD	1.248242	2.955041	.3896017	.2425742	.6375481	2.492988	.1114134

#1	.0054422	-.001922	3.527598	.0778842	.0365111	.0584659	122.5746
#2	.0055319	-.001849	3.538472	.0775186	.0366226	.0571996	122.3071
#3	.0055776	-.001960	3.554991	.0776224	.0361763	.0601128	122.4876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7076166	7.105810	.0473326	.0009504	.4431601	.1873675	.0668024
Stddev	.0016790	.040456	.0001568	.0003648	.0729980	.0049945	.0027100
%RSD	.2372698	.5693348	.3313188	38.38587	16.47215	2.665593	4.056702

#1	.7057533	7.063781	.0474890	.0012796	.3668389	.1818215	.0647686
#2	.7080845	7.109164	.0473336	.0010134	.4503366	.1887710	.0698789
#3	.7090120	7.144484	.0471753	.0005582	.5123047	.1915101	.0657598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.940501	.5067179	.0311563	.0020357	.3925748	11.72021	.0044234
Stddev	.020422	.0038728	.0044887	.0000208	.0026754	.15825	.0001832
%RSD	.6944921	.7642824	14.40692	1.020640	.6814997	1.350191	4.142055

#1	2.957509	.5090404	.0355399	.0020580	.3944288	11.60414	.0046217
#2	2.917851	.5088662	.0313594	.0020169	.3937880	11.65602	.0042604
#3	2.946142	.5022472	.0265695	.0020322	.3895078	11.90046	.0043882

Sample Name: J1836-13 Acquired: 3/12/2018 17:25:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5763289	.0259115	.0627893
Stddev	.0016508	.0011876	.0001661
%RSD	.2864284	4.583232	.2645641

#1	.5751025	.0255262	.0627955
#2	.5756783	.0249644	.0626202
#3	.5782058	.0272439	.0629523

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.018	4247.224	46522.16	6544.525	4537.912
Stddev	26.359	16.961	307.63	39.501	24.087
%RSD	1.311377	.3993397	.6612491	.6035694	.5308008

#1	1990.531	4232.355	46219.05	6562.049	4526.324
#2	2040.009	4243.622	46834.11	6572.232	4521.808
#3	1999.513	4265.697	46513.31	6499.294	4565.603

Sample Name: J1836-14 Acquired: 3/12/2018 17:29:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496006	.0030074	.0302940	.0033147	.0027195	49.14329	.5546768
Stddev	.0018204	.0009108	.0022819	.0004457	.0011079	.13320	.0011930
%RSD	3.670031	30.28553	7.532333	13.44686	40.73818	.2710362	.2150856

#1	.0516901	.0020829	.0276869	.0034167	.0039987	49.00885	.5558193
#2	.0483583	.0030355	.0312674	.0037005	.0020796	49.14582	.5534390
#3	.0487533	.0039039	.0319278	.0028268	.0020801	49.27521	.5547720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057904	-.002425	2.167361	.1618367	.0547013	.1091310	164.2825
Stddev	.0001234	.000100	.066935	.0010189	.0000906	.0013694	.7713
%RSD	2.131636	4.133715	3.088304	.6296089	.1657250	1.254849	.4694836

#1	.0056525	-.002528	2.116554	.1629369	.0546115	.1077005	165.1630
#2	.0058282	-.002421	2.142323	.1609255	.0547928	.1104298	163.7265
#3	.0058905	-.002327	2.243205	.1616478	.0546997	.1092626	163.9580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.116701	4.065962	.0431411	.0011348	.3144421	.2043797	.0239993
Stddev	.022329	.038703	.0003115	.0002486	.2194673	.0026242	.0063615
%RSD	.5424123	.9518812	.7221346	21.91040	69.79576	1.283997	26.50700

#1	4.141240	4.071571	.0434838	.0014206	.1324606	.2073416	.0312514
#2	4.111286	4.024760	.0428751	.0010149	.5581677	.2023445	.0193613
#3	4.097577	4.101554	.0430643	.0009688	.2526981	.2034532	.0213853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580548	.5753858	.0291982	.0037113	.4333611	7.047465	.0019079
Stddev	.012136	.0040249	.0049426	.0001937	.0011677	.102005	.0003240
%RSD	.7678555	.6995098	16.92763	5.218877	.2694442	1.447396	16.98411

#1	1.584735	.5708167	.0343558	.0039338	.4345828	6.948648	.0017886
#2	1.566873	.5769343	.0287355	.0035807	.4332444	7.041363	.0022747
#3	1.590037	.5784065	.0245032	.0036194	.4322562	7.152384	.0016604

Sample Name: J1836-14 Acquired: 3/12/2018 17:29:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2793786	.0142605	.0517289
Stddev	.0027921	.0010497	.0001046
%RSD	.9994101	7.360798	.2021239

#1	.2790823	.0144211	.0517537
#2	.2767465	.0131397	.0518188
#3	.2823071	.0152205	.0516142

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.436	4325.728	47651.20	6630.898	4689.144
Stddev	13.133	13.167	256.63	36.918	7.694
%RSD	.6377179	.3043786	.5385662	.5567634	.1640787

#1	2045.563	4337.444	47358.51	6646.743	4694.460
#2	2071.677	4328.262	47837.65	6657.249	4692.650
#3	2061.067	4311.479	47757.45	6588.702	4680.321

Sample Name: J1836-15 Acquired: 3/12/2018 17:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518384	.0027798	.0302081	.0064098	.0047118	51.10961	.5734745
Stddev	.0015381	.0021149	.0007343	.0040990	.0017503	.39769	.0012385
%RSD	2.967107	76.08265	2.430929	63.94895	37.14664	.7781034	.2159738

#1	.0508246	.0047312	.0305290	.0023121	.0046576	51.53560	.5729784
#2	.0536082	.0030756	.0307274	.0105100	.0029893	51.04509	.5748842
#3	.0510824	.0005325	.0293680	.0064072	.0064886	50.74812	.5725609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058356	-.002361	2.303380	.1681989	.0564919	.1131556	169.3669
Stddev	.0001072	.000049	.043756	.0007724	.0004770	.0019677	.5721
%RSD	1.837145	2.086576	1.899640	.4592374	.8443650	1.738956	.3377815

#1	.0058953	-.002313	2.338650	.1690838	.0567741	.1149070	169.0784
#2	.0057118	-.002411	2.317074	.1678535	.0567604	.1110264	168.9965
#3	.0058997	-.002359	2.254414	.1676594	.0559412	.1135333	170.0258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.229709	4.197633	.0447053	.0017530	.3108922	.2119922	.0226424
Stddev	.014343	.031101	.0005213	.0000788	.1242864	.0031283	.0041416
%RSD	.3390990	.7409262	1.165977	4.495814	39.97735	1.475644	18.29129

#1	4.218062	4.163111	.0448473	.0016629	.4150999	.2087912	.0274128
#2	4.225335	4.223467	.0451408	.0018091	.3442441	.2121433	.0205487
#3	4.245729	4.206319	.0441277	.0017869	.1733326	.2150422	.0199656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.687705	.5864055	.0333540	.0039448	.4492655	7.152667	.0024150
Stddev	.000772	.0127819	.0012954	.0003730	.0073974	.036512	.0008116
%RSD	.0457318	2.179707	3.883802	9.455754	1.646565	.5104693	33.60758

#1	1.687793	.5945679	.0321029	.0041341	.4534852	7.136071	.0024763
#2	1.688429	.5929737	.0346896	.0035151	.4535874	7.127401	.0015745
#3	1.686893	.5716750	.0332694	.0041852	.4407238	7.194529	.0031943

Sample Name: J1836-15 Acquired: 3/12/2018 17:33:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F18D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2891748	.0162737	.0538735
Stddev	.0022477	.0004163	.0001436
%RSD	.7772793	2.558369	.2665790

#1	.2915742	.0158080	.0540221
#2	.2888321	.0164033	.0538631
#3	.2871181	.0166098	.0537354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.701	4200.853	46325.64	6497.501	4550.759
Stddev	11.679	43.207	110.98	30.788	55.146
%RSD	.5837247	1.028525	.2395667	.4738365	1.211803

#1	2007.268	4183.378	46447.36	6511.062	4521.017
#2	1987.217	4169.120	46230.06	6519.180	4516.869
#3	2007.618	4250.060	46299.49	6462.261	4614.391

Sample Name: J1836-16 Acquired: 3/12/2018 17:37:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1237727	.1079955	.0681697	.1019917	.2034423	52.94404	4.466015
Stddev	.0049814	.0009951	.0006197	.0025806	.0025481	.23641	.017898
%RSD	4.024650	.9214326	.9089845	2.530198	1.252482	.4465288	.4007612

#1	.1258863	.1068712	.0683333	.1029150	.2063516	53.08670	4.481591
#2	.1273488	.1083521	.0674846	.1039835	.2023681	52.67115	4.469991
#3	.1180829	.1087631	.0686911	.0990764	.2016072	53.07428	4.446463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993547	.0991911	2.158931	.5654001	1.050031	.5991975	166.2960
Stddev	.0005568	.0004421	.051538	.0021255	.004606	.0008557	.3142
%RSD	.5603990	.4456797	2.387212	.3759347	.4386207	.1428101	.1889380

#1	.0999634	.0994762	2.192172	.5678528	1.053127	.5984068	166.4704
#2	.0992294	.0994152	2.099562	.5642542	1.052229	.6001060	166.4843
#3	.0988712	.0986818	2.185060	.5640935	1.044739	.5990797	165.9333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.100688	4.047499	1.051614	.0885619	.5656277	1.177543	.9656228
Stddev	.016867	.011633	.005236	.0004641	.1376087	.010305	.0169655
%RSD	.3306826	.2874195	.4978977	.5240442	24.32850	.8751431	1.756944

#1	5.117526	4.036466	1.055590	.0890732	.4589859	1.186873	.9564673
#2	5.100747	4.046380	1.053570	.0884453	.7209624	1.179275	.9552019
#3	5.083792	4.059652	1.045681	.0881672	.5169348	1.166482	.9851992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.548401	.5883526	.0321085	.0040523	.4359654	7.049392	.0024036
Stddev	.034026	.0028518	.0047154	.0001269	.0073406	.053340	.0002746
%RSD	2.197461	.4847159	14.68593	3.130474	1.683758	.7566660	11.42364

#1	1.509921	.5858401	.0266638	.0039492	.4298650	7.106632	.0020884
#2	1.560771	.5914523	.0348671	.0041940	.4441120	7.040467	.0025314
#3	1.574511	.5877653	.0347946	.0040137	.4339191	7.001077	.0025910

Sample Name: J1836-16 Acquired: 3/12/2018 17:37:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2794820	.0186343	.0521202
Stddev	.0002151	.0010013	.0007168
%RSD	.0769574	5.373207	1.375242

#1	.2794154	.0193668	.0516406
#2	.2793081	.0190426	.0517758
#3	.2797225	.0174934	.0529442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.909	4282.015	47639.27	6649.269	4638.607
Stddev	5.030	14.897	101.15	16.017	23.754
%RSD	.2449027	.3479044	.2123202	.2408775	.5121041

#1	2059.398	4264.813	47642.57	6633.666	4618.231
#2	2049.519	4290.730	47738.72	6648.473	4632.892
#3	2052.809	4290.500	47536.51	6665.669	4664.697

Sample Name: J1836-14LX5 Acquired: 3/12/2018 17:41:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F18L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114474	.0012410	.0062808	-.000268	.0011255	10.28288	.1149174
Stddev	.0009842	.0010393	.0003230	.001056	.0007822	.04582	.0002545
%RSD	8.597742	83.74772	5.142974	394.4002	69.49258	.4455668	.2214816

#1	.0114661	.0000417	.0060541	-.000813	.0016915	10.23068	.1148257
#2	.0104540	.0018779	.0066506	-.000938	.0014520	10.31641	.1147214
#3	.0124221	.0018035	.0061376	.000949	.0002330	10.30156	.1152050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013005	-.000542	.4557377	.0339778	.0109239	.0224024	34.90346
Stddev	.0000342	.000012	.0078230	.0003147	.0002381	.0015471	.10791
%RSD	2.631506	2.224057	1.716550	.9263161	2.179230	6.906034	.3091688

#1	.0012999	-.000556	.4490446	.0336461	.0108388	.0207730	35.01008
#2	.0013351	-.000534	.4538305	.0340153	.0111928	.0225829	34.79430
#3	.0012667	-.000537	.4643379	.0342722	.0107401	.0238514	34.90600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8753586	.8824024	.0087113	.0000554	.1023190	.0464083	.0038170
Stddev	.0039466	.0052303	.0004032	.0002661	.0826235	.0007354	.0021617
%RSD	.4508582	.5927392	4.627999	480.6124	80.75090	1.584721	56.63245

#1	.8797833	.8869871	.0087307	-.000247	.1947173	.0457042	.0062086
#2	.8740907	.8835147	.0091044	.000253	.0355396	.0463491	.0020022
#3	.8722017	.8767054	.0082988	.000161	.0767000	.0471715	.0032403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.186787	.1148579	.0102941	.0008484	.0798080	1.524461	.0006566
Stddev	.055722	.0010987	.0006736	.0001372	.0029858	.015505	.0003658
%RSD	29.83195	.9565787	6.543177	16.16771	3.741281	1.017106	55.71531

#1	-.131981	.1143537	.0108767	.0009881	.0789751	1.532593	.0010530
#2	-.184997	.1161182	.0095566	.0007140	.0831218	1.534209	.0005845
#3	-.243382	.1141017	.0104490	.0008431	.0773270	1.506581	.0003321

Sample Name: J1836-14LX5 Acquired: 3/12/2018 17:41:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F18L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0580228	-.000802	.0109153
Stddev	.0010065	.000205	.0000278
%RSD	1.734689	25.59622	.2548737

#1	.0578725	-.000705	.0108834
#2	.0590960	-.000664	.0109345
#3	.0570999	-.001038	.0109280

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.756	4216.817	46058.94	6391.532	4847.563
Stddev	16.637	15.069	300.07	13.919	17.039
%RSD	.8391068	.3573489	.6514861	.2177717	.3515057

#1	1973.609	4199.470	45988.26	6386.773	4830.477
#2	1972.699	4224.314	45800.53	6380.617	4847.654
#3	2001.960	4226.666	46388.04	6407.207	4864.556

Sample Name: J1836-17 Acquired: 3/12/2018 17:45:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492674	.0085471	.6731000	.0040009	.0059702	33.26038	.9852189
Stddev	.0026531	.0022378	.0012854	.0031711	.0003895	.04614	.0034517
%RSD	5.385049	26.18146	.1909664	79.25914	6.524272	.1387332	.3503514

#1	.0512884	.0060233	.6726799	.0022523	.0063383	33.22355	.9816353
#2	.0502509	.0102891	.6720772	.0076613	.0055623	33.24545	.9854997
#3	.0462631	.0093288	.6745429	.0020891	.0060101	33.31214	.9885216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029932	.0065753	571.3556	.0938772	.0459822	.1276153	90.67152
Stddev	.0000347	.0000843	.7576	.0008056	.0002339	.0016647	.23401
%RSD	1.160981	1.282413	.1326004	.8581663	.5085996	1.304434	.2580898

#1	.0029629	.0064785	570.5308	.0933931	.0461136	.1257811	90.77380
#2	.0030311	.0066325	572.0204	.0948071	.0457122	.1280344	90.40378
#3	.0029856	.0066151	571.5157	.0934312	.0461207	.1290303	90.83698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60422	62.10982	.0983434	.0003965	.7094256	.1310263	1.806803
Stddev	.00829	.17867	.0006896	.0001518	.1826371	.0034082	.010289
%RSD	.0781827	.2876696	.7011974	38.29641	25.74436	2.601183	.5694561

#1	10.60108	62.19081	.0976633	.0004290	.5778344	.1308960	1.818675
#2	10.61362	61.90499	.0983247	.0002310	.6325007	.1344979	1.800470
#3	10.59795	62.23365	.0990421	.0005294	.9179417	.1276851	1.801264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725868	2.092877	.0336201	.0078206	4.761334	7.008830	.0283323
Stddev	.081032	.027851	.0009117	.0002223	.044803	.027646	.0005972
%RSD	2.174859	1.330750	2.711702	2.842716	.9409724	.3944505	2.107814

#1	3.648401	2.084247	.0346725	.0075683	4.744816	6.982245	.0281621
#2	3.719153	2.070362	.0330720	.0079878	4.727134	7.006818	.0289961
#3	3.810048	2.124021	.0331159	.0079057	4.812050	7.037428	.0278387

Sample Name: J1836-17 Acquired: 3/12/2018 17:45:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3536183	.0393604	1.739899
Stddev	.0020495	.0008004	.004946
%RSD	.5795864	2.033638	.2842524

#1	.3554493	.0393304	1.738171
#2	.3540012	.0401754	1.736048
#3	.3514043	.0385754	1.745476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.494	3917.290	44355.93	6492.241	3980.152
Stddev	17.208	5.934	126.65	24.748	5.794
%RSD	.9078403	.1514926	.2855398	.3812008	.1455745

#1	1893.424	3921.251	44297.43	6472.010	3984.067
#2	1913.644	3920.152	44501.26	6519.836	3982.893
#3	1879.415	3910.467	44269.10	6484.878	3973.496

Sample Name: J1836-18 Acquired: 3/12/2018 17:49:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420353	.0038558	1.288344	.0023695	.0062173	24.62115
Stddev	.0042216	.0011561	.046811	.0045902	.0008505	.11306
%RSD	10.04306	29.98288	3.633455	193.7175	13.67967	.4591948

#1	.0383936	.0025532	1.238083	.0047293	.0071535	24.75123
#2	.0466625	.0047599	1.296252	-.002920	.0054923	24.54655
#3	.0410498	.0042544	1.330698	.005300	.0060060	24.56568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8212251	.0024887	.0050728	F 1225.400	.0766220	.0353227
Stddev	.0019911	.0000630	.0002301	13.750	.0010464	.0016763
%RSD	.2424583	2.531913	4.534964	1.122092	1.365642	4.745736

#1	.8234484	.0025058	.0048077	1232.893	.0758657	.0335868
#2	.8196060	.0025414	.0051909	1233.777	.0761841	.0354491
#3	.8206210	.0024189	.0052198	1209.531	.0778162	.0369323

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994264	72.73224	7.588136	69.02317	.0874146	.0004787
Stddev	.0025305	.16157	.006397	.20042	.0034637	.0000728
%RSD	2.545096	.2221404	.0843018	.2903732	3.962429	15.20538

#1	.1023400	72.67146	7.586569	68.89471	.0836668	.0005501
#2	.0981616	72.60988	7.582668	68.92068	.0880790	.0004816
#3	.0977777	72.91539	7.595171	69.25411	.0904980	.0004046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5565527	.1108233	1.958075	2.151787	2.336854	.0272783
Stddev	.0909508	.0013080	.016335	.032240	.091024	.0011497
%RSD	16.34181	1.180282	.8342616	1.498303	3.895138	4.214838

#1	.6343294	.1122990	1.975096	2.115442	2.235954	.0270458
#2	.4565486	.1103644	1.942525	2.162979	2.361816	.0262626
#3	.5787802	.1098066	1.956604	2.176941	2.412793	.0285265

Sample Name: J1836-18 Acquired: 3/12/2018 17:49:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F21 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053760	4.748764	6.425309	.0140501	.2205541	.0372520
Stddev	.0002465	.190233	.045937	.0003079	.0031193	.0008820
%RSD	4.585670	4.005944	.7149321	2.191815	1.414303	2.367636

#1	.0052184	4.537977	6.464588	.0141604	.2240066	.0379488
#2	.0056601	4.800628	6.436540	.0142877	.2197167	.0362603
#3	.0052494	4.907685	6.374798	.0137022	.2179389	.0375469

Elem	Sr4077
Units	ppm
Avg	4.404845
Stddev	.035499
%RSD	.8059056

#1	4.444740
#2	4.393049
#3	4.376745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.629	3683.986	42718.59	6393.924	3640.570
Stddev	8.790	106.795	107.61	14.924	114.644
%RSD	.4844226	2.898897	.2518968	.2334118	3.149056

#1	1805.789	3798.909	42685.21	6380.526	3761.916
#2	1823.369	3665.251	42838.93	6410.009	3625.716
#3	1814.730	3587.798	42631.63	6391.236	3534.077

Sample Name: J1836-19 Acquired: 3/12/2018 17:53:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193567	.0011345	.0549019	.0006353	.0022179	25.56736	.4222083
Stddev	.0027743	.0016004	.0012692	.0016214	.0022181	.13097	.0006547
%RSD	14.33253	141.0680	2.311726	255.2145	100.0077	.5122595	.1550770

#1	.0210955	.0010537	.0550349	-.000781	.0022295	25.65100	.4227823
#2	.0208174	-.000424	.0535714	.002404	.0044302	25.41642	.4223474
#3	.0161572	.002774	.0560993	.000283	-.000006	25.63466	.4214952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037688	-.001011	16.56252	.0592225	.0367566	.0908892	84.01622
Stddev	.0000649	.000045	.04554	.0001339	.0003520	.0017162	.31800
%RSD	1.721550	4.436514	.2749327	.2260306	.9575978	1.888210	.3784973

#1	.0037185	-.000962	16.51000	.0592652	.0366067	.0928497	83.78463
#2	.0038420	-.001050	16.59090	.0590725	.0371587	.0896588	84.37879
#3	.0037459	-.001023	16.58666	.0593298	.0365043	.0901592	83.88522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.184401	5.299332	.0556353	.0006082	1.205257	.0953832	.0785261
Stddev	.006556	.042670	.0004790	.0001638	.051226	.0001581	.0049819
%RSD	.3001339	.8052005	.8610149	26.92980	4.250197	.1657821	6.344241

#1	2.177118	5.268416	.0560887	.0004192	1.200738	.0952016	.0754288
#2	2.186251	5.348015	.0556828	.0006978	1.156441	.0954576	.0842729
#3	2.189833	5.281566	.0551342	.0007076	1.258593	.0954904	.0758766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.629218	.4819569	.0279908	.0006491	.7065371	7.126741	.0022730
Stddev	.010623	.0025510	.0012399	.0000389	.0029629	.044586	.0002811
%RSD	.4040404	.5292997	4.429543	6.000978	.4193543	.6256097	12.36757

#1	2.620625	.4847162	.0293729	.0006779	.7095956	7.076162	.0021433
#2	2.641096	.4796843	.0276232	.0006646	.7036801	7.143711	.0025956
#3	2.625934	.4814702	.0269764	.0006048	.7063354	7.160350	.0020802

Sample Name: J1836-19 Acquired: 3/12/2018 17:53:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2319214	.0184779	.1106368
Stddev	.0014281	.0002937	.0002697
%RSD	.6157798	1.589437	.2438084

#1	.2315077	.0185409	.1107918
#2	.2307458	.0181578	.1103253
#3	.2335107	.0187350	.1107932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.060	4229.941	46847.84	6576.061	4602.133
Stddev	7.548	29.179	239.57	15.618	34.138
%RSD	.3749364	.6898127	.5113830	.2374958	.7417801

#1	2008.643	4203.669	46571.25	6561.958	4576.002
#2	2021.775	4224.810	46990.18	6573.380	4589.639
#3	2008.761	4261.345	46982.10	6592.846	4640.757

Sample Name: J1836-20 Acquired: 3/12/2018 17:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347814	-.001755	.4753711	.0032050	.0063739	51.18102	.7473635
Stddev	.0043263	.003534	.0124885	.0010505	.0019541	1.08602	.0171786
%RSD	12.43865	201.3909	2.627116	32.77822	30.65789	2.121917	2.298554

#1	.0368384	-.000039	.4612035	.0043896	.0041180	50.44477	.7375199
#2	.0298103	-.005818	.4801260	.0028393	.0074592	50.67001	.7373712
#3	.0376955	.000594	.4847838	.0023862	.0075444	52.42828	.7671994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057836	.0106319	543.2294	.1994546	.0563410	.1430593	124.7445
Stddev	.0001338	.0003485	12.8450	.0010245	.0012849	.0023357	2.7293
%RSD	2.312797	3.277842	2.364555	.5136773	2.280577	1.632687	2.187934

#1	.0057253	.0102296	536.6898	.2002836	.0548607	.1408860	123.5310
#2	.0056889	.0108260	534.9702	.1997709	.0569952	.1427627	122.8324
#3	.0059366	.0108401	558.0282	.1983091	.0571672	.1455291	127.8702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.224487	23.23880	.1272938	.0007467	1.002338	.1782850	2.772749
Stddev	.073981	.54039	.0032886	.0003063	.060981	.0090238	.011174
%RSD	2.294357	2.325400	2.583483	41.01801	6.083895	5.061417	.4030095

#1	3.192359	22.94270	.1235024	.0003937	.981796	.1705915	2.785616
#2	3.172001	22.91116	.1290049	.0009036	.954281	.1760461	2.765477
#3	3.309101	23.86252	.1293741	.0009426	1.070938	.1882174	2.767155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.372517	3.174967	.0383586	.0331869	4.599216	5.036677	.0071558
Stddev	.233742	.075597	.0050725	.0010076	.107595	.092446	.0001807
%RSD	4.350708	2.381045	13.22398	3.036175	2.339414	1.835450	2.525627

#1	5.201376	3.088822	.0413997	.0320281	4.475497	4.958671	.0071141
#2	5.277342	3.230255	.0325028	.0336757	4.670913	5.012574	.0069996
#3	5.638832	3.205824	.0411734	.0338569	4.651238	5.138787	.0073538

Sample Name: J1836-20 Acquired: 3/12/2018 17:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4093640	.0447280	2.434762
Stddev	.0097763	.0016313	.051392
%RSD	2.388168	3.647057	2.110763

#1	.4039309	.0432635	2.405169
#2	.4035110	.0444344	2.405012
#3	.4206501	.0464861	2.494104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.310	3982.048	43799.63	6671.864	3994.123
Stddev	11.385	83.824	97.73	141.265	91.740
%RSD	.6064668	2.105044	.2231391	2.117324	2.296864

#1	1875.191	4077.020	43773.71	6783.375	4097.282
#2	1889.605	3950.740	43907.71	6719.209	3963.397
#3	1867.132	3918.384	43717.47	6513.008	3921.691

Sample Name: J1836-21 Acquired: 3/12/2018 18:02:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763977	.0006425	.9076606	.0020932	.0194915	49.97222	1.162784
Stddev	.0028330	.0007862	.0038434	.0024499	.0006893	.32347	.005069
%RSD	3.708197	122.3672	.4234394	117.0417	3.536372	.6473045	.4359709

#1	.0731267	.0015499	.9094754	.0032266	.0199852	49.99314	1.164184
#2	.0780648	.0002130	.9032459	.0037713	.0197855	50.28472	1.167006
#3	.0780016	.0001646	.9102606	-.000718	.0187040	49.63879	1.157161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072459	.0084828	129.9501	.1043801	.0438944	.2247713	123.2258
Stddev	.0001352	.0001365	.5107	.0004037	.0001083	.0033016	.2871
%RSD	1.865845	1.608935	.3929687	.3868015	.2468094	1.468882	.2330232

#1	.0073922	.0084489	129.9047	.1045900	.0439925	.2232902	123.1389
#2	.0072201	.0083664	130.4820	.1039147	.0439126	.2224695	123.5463
#3	.0071255	.0086330	129.4637	.1046358	.0437781	.2285541	122.9921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.996445	22.23174	.1022736	.0017897	1.558140	.1891003	2.130217
Stddev	.011086	.13500	.0003264	.0001601	.178772	.0011725	.009441
%RSD	.3699846	.6072218	.3191590	8.943856	11.47339	.6200355	.4432067

#1	2.984706	22.14259	.1025687	.0016335	1.637950	.1878798	2.140956
#2	3.006737	22.38706	.1019230	.0019534	1.353365	.1902181	2.126469
#3	2.997892	22.16558	.1023290	.0017823	1.683104	.1892031	2.123225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.871663	18.04671	.0936671	.0057619	2.458805	9.145965	.0510971
Stddev	.061225	.19756	.0007393	.0001121	.026212	.058452	.0008793
%RSD	.6901152	1.094718	.7893221	1.944930	1.066054	.6390992	1.720793

#1	8.806079	18.09278	.0944485	.0058240	2.457119	9.162169	.0514468
#2	8.927313	17.83018	.0935742	.0056326	2.433476	9.194606	.0517477
#3	8.881598	18.21716	.0929786	.0058293	2.485819	9.081121	.0500967

Sample Name: J1836-21 Acquired: 3/12/2018 18:02:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6137459	.0369694	.6844901
Stddev	.0016870	.0007002	.0031783
%RSD	.2748639	1.894088	.4643350

#1	.6153171	.0372073	.6861971
#2	.6139574	.0375197	.6864502
#3	.6119631	.0361812	.6808230

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.963	4124.668	46036.39	6589.362	4302.482
Stddev	5.336	10.313	205.73	37.824	12.351
%RSD	.2706104	.2500393	.4468845	.5740216	.2870636

#1	1965.881	4118.638	45799.08	6569.728	4295.764
#2	1975.863	4136.576	46164.47	6565.393	4316.736
#3	1974.144	4118.789	46145.62	6632.966	4294.947

Sample Name: J1836-22 Acquired: 3/12/2018 18:06:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130233	.0005069	.2810799	.0023196	.0055984	16.86927
Stddev	.0041006	.0011215	.0021380	.0025996	.0012189	.14453
%RSD	31.48663	221.2328	.7606201	112.0700	21.77246	.8567924

#1	.0176866	.0007425	.2791507	-.000363	.0046812	16.97857
#2	.0114025	-.000714	.2807104	.004828	.0069815	16.92384
#3	.0099809	.001492	.2833785	.002493	.0051324	16.70539

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3337893	.0022626	.0144114	F 822.4020	.0505494	.0215081
Stddev	.0015478	.0000312	.0000101	9.2644	.0005910	.0001181
%RSD	.4637214	1.377060	.0699433	1.126500	1.169154	.5490320

#1	.3355556	.0022948	.0144230	832.9801	.0498752	.0216265
#2	.3331427	.0022604	.0144053	818.4932	.0509780	.0213904
#3	.3326696	.0022326	.0144059	815.7326	.0507949	.0215072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234558	50.97376	1.645184	15.11423	.0506213	.0005047
Stddev	.0012186	.22427	.007849	.10533	.0002190	.0002327
%RSD	.9871134	.4399632	.4771163	.6968833	.4325839	46.10106

#1	.1221512	51.04801	1.650009	15.05022	.0508619	.0007301
#2	.1236514	50.72179	1.636127	15.05667	.0504337	.0002653
#3	.1245648	51.15149	1.649416	15.23580	.0505683	.0005189

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1839089	.0772331	2.519187	.8502565	1.184272	.0200967
Stddev	.0392595	.0022254	.027214	.0380303	.011263	.0010515
%RSD	21.34725	2.881398	1.080280	4.472804	.9510430	5.231969

#1	.1696948	.0780182	2.519225	.8939835	1.196340	.0189828
#2	.2282957	.0747215	2.546382	.8248913	1.182437	.0202354
#3	.1537363	.0789595	2.491954	.8318946	1.174039	.0210719

Sample Name: J1836-22 Acquired: 3/12/2018 18:06:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F30 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055618	9.296779	5.785242	.0011168	.2080039	.0163119
Stddev	.0001520	.087637	.021843	.0004641	.0017001	.0003178
%RSD	2.733650	.9426567	.3775629	41.55640	.8173537	1.948378

#1	.0053968	9.385892	5.791038	.0005833	.2091653	.0164331
#2	.0056962	9.293746	5.803603	.0014270	.2087940	.0165512
#3	.0055924	9.210697	5.761086	.0013402	.2060526	.0159513

Elem	Sr4077
Units	ppm
Avg	3.764533
Stddev	.018288
%RSD	.4857948

#1	3.785317
#2	3.757376
#3	3.750907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.032	3802.958	43097.87	6321.102	3947.316
Stddev	8.862	13.664	147.18	32.111	11.840
%RSD	.4803229	.3592868	.3414924	.5079942	.2999588

#1	1853.134	3790.389	43267.81	6287.111	3937.648
#2	1835.568	3817.501	43013.42	6325.269	3960.522
#3	1846.395	3800.983	43012.36	6350.926	3943.777

Sample Name: CCV033 Acquired: 3/12/2018 18:10:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.760337	4.727366	23.30607	4.833573	4.792677	380.6011
Stddev	.030499	.041176	.09729	.026185	.031972	1.7811
%RSD	.6406936	.8710162	.4174292	.5417364	.6670976	.4679833

#1	4.728992	4.685999	23.21107	4.803468	4.761666	379.4150
#2	4.762106	4.727750	23.30165	4.846195	4.790835	382.6493
#3	4.789913	4.768349	23.40549	4.851058	4.825530	379.7391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.383808	.4519261	2.327295	373.3309	14.09006	2.343146
Stddev	.014920	.0037378	.007158	.6385	.04098	.010096
%RSD	.1589962	.8270903	.3075825	.1710365	.2908667	.4308842

#1	9.381450	.4514724	2.320340	373.7716	14.06372	2.335080
#2	9.399767	.4558701	2.326905	373.6225	14.06918	2.339889
#3	9.370208	.4484358	2.334641	372.5986	14.13728	2.354468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08571	378.4805	13.53617	369.5371	2.367257	1.168609
Stddev	.05989	.2482	.01024	.1384	.010135	.001758
%RSD	.4251986	.0655741	.0756847	.0374415	.4281452	.1504263

#1	14.02631	378.2589	13.54772	369.4475	2.360242	1.167234
#2	14.14608	378.4340	13.53265	369.6964	2.362651	1.170590
#3	14.08473	378.7487	13.52816	369.4674	2.378877	1.168003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.8610	2.263571	F 12.83163	142.1425	4.978492	F 4.471493
Stddev	.8053	.005426	.05679	.6321	.048932	.041037
%RSD	.2131289	.2396904	.4425553	.4446700	.9828686	.9177504

#1	378.0483	2.263246	12.79775	141.4831	4.930862	4.460924
#2	378.5563	2.258316	12.89719	142.7431	4.975985	4.516781
#3	376.9786	2.269152	12.79995	142.2013	5.028630	4.436774

Sample Name: CCV033 Acquired: 3/12/2018 18:10:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.678408	4.950405	4.399518	4.745183	4.681812	4.723743
Stddev	.021070	.032519	.046033	.019803	.032079	.019722
%RSD	.4503772	.6569018	1.046312	.4173251	.6851777	.4175079

#1	4.659667	4.921227	4.390428	4.722838	4.659461	4.719166
#2	4.674341	4.944523	4.449418	4.752150	4.718568	4.745351
#3	4.701216	4.985463	4.358709	4.760560	4.667406	4.706712

Elem	Sr4077
Units	ppm
Avg	4.805674
Stddev	.041841
%RSD	.8706637

#1	4.846450
#2	4.807729
#3	4.762844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1586.404	3337.916	38906.77	5910.183	3471.419
Stddev	4.523	12.583	194.17	13.156	8.857
%RSD	.2851151	.3769761	.4990574	.2226040	.2551355

#1	1586.728	3351.416	38963.78	5910.325	3480.128
#2	1590.757	3335.818	39066.06	5896.957	3471.708
#3	1581.728	3326.513	38690.48	5923.268	3462.421

Sample Name: CCB033 Acquired: 3/12/2018 18:14:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008917	-.000016	.0000675	.0000843	.0007978	-.000298	-.000607
Stddev	.0008025	.001949	.0015575	.0028601	.0007979	.005790	.000490
%RSD	89.99757	11953.06	2307.263	3393.222	100.0125	1940.839	80.65737

#1	.0018123	-.001117	-.000050	-.000187	.0000389	-.002566	-.000202
#2	.0003398	.002234	-.001428	.003070	.0007249	-.004612	-.001151
#3	.0005230	-.001166	.001680	-.002631	.0016296	.006282	-.000469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000496	.0000077	-.011686	-.000377	-.000127	.0012096	.0079983
Stddev	.0000393	.0000475	.010618	.000140	.000191	.0024477	.0079785
%RSD	79.33447	618.6643	90.85942	37.17611	150.7750	202.3687	99.75249

#1	.0000435	-.000034	-.023722	-.000511	-.000096	.0022642	.0007318
#2	.0000916	.000059	-.007694	-.000388	.000047	.0029532	.0067269
#3	.0000136	-.000002	-.003643	-.000231	-.000331	-.001589	.0165361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004399	.0051838	.0002643	.0001414	-.011402	.0007391	-.000177
Stddev	.0002078	.0097720	.0001004	.0004442	.025674	.0028836	.000896
%RSD	47.24577	188.5109	37.97226	314.0533	225.1678	390.1582	506.1409

#1	.0005294	.0137905	.0001840	.0005853	-.040481	-.000048	-.000055
#2	.0002023	-.005439	.0002321	-.000303	-.001858	.003935	-.001127
#3	.0005880	.007200	.0003768	.000142	.008132	-.001669	.000651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.629037	.0007568	.0073189	.0000383	-.008362	-.003257	-.000001
Stddev	.011911	.0006185	.0006485	.0000933	.002783	.000265	.000427
%RSD	1.893480	81.72377	8.860744	243.7638	33.28256	8.135763	62597.49

#1	-.638386	.0006189	.0080542	-.000006	-.010742	-.003266	-.000274
#2	-.615627	.0014326	.0070741	-.000024	-.009042	-.002988	.000492
#3	-.633099	.0002189	.0068284	.000145	-.005302	-.003517	-.000220

Sample Name: CCB033 Acquired: 3/12/2018 18:14:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001299	-.003916	-.000026
Stddev	.000653	.000477	.000027
%RSD	50.25408	12.17399	104.1906

#1	-.001104	-.003389	-.000036
#2	-.000766	-.004317	-.000046
#3	-.002027	-.004041	.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.942	4245.874	46224.84	6370.698	5032.799
Stddev	20.187	27.832	328.41	6.246	34.868
%RSD	1.006346	.6555103	.7104665	.0980353	.6928092

#1	2020.085	4215.073	46361.16	6371.012	4992.962
#2	2014.916	4269.218	46463.14	6364.301	5057.770
#3	1982.824	4253.331	45850.22	6376.780	5047.665

Sample Name: J1837-04 Acquired: 3/12/2018 18:18:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171750	.0028585	.4109197	.0028236	.0027516	20.54760	.4056073
Stddev	.0017234	.0017924	.0079433	.0010653	.0010246	.10036	.0012008
%RSD	10.03411	62.70277	1.933053	37.72761	37.23760	.4884137	.2960591

#1	.0156260	.0030848	.4022299	.0028130	.0037293	20.64954	.4062050
#2	.0168676	.0045270	.4127227	.0017636	.0016858	20.54437	.4063920
#3	.0190314	.0009637	.4178065	.0038941	.0028397	20.44890	.4042249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025924	.0020742	6.033331	.0646038	.0239322	.0619253	51.57166
Stddev	.0000446	.0001002	.029081	.0006755	.0002538	.0013599	.20944
%RSD	1.721157	4.832741	.4820075	1.045540	1.060558	2.196034	.4061191

#1	.0026342	.0019789	6.060931	.0641897	.0236804	.0613161	51.51653
#2	.0025976	.0020651	6.036096	.0642385	.0239282	.0609766	51.80316
#3	.0025454	.0021787	6.002966	.0653833	.0241880	.0634833	51.39531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.395728	3.271625	.0445449	-.000176	.0749651	.0771138	.4095443
Stddev	.002636	.039327	.0008226	.000113	.1697549	.0012423	.0082423
%RSD	.0776204	1.202074	1.846758	64.43917	226.4451	1.611065	2.012543

#1	3.393058	3.306782	.0437033	-.000224	-.014885	.0776802	.4001067
#2	3.398328	3.278939	.0445841	-.000046	.270761	.0756892	.4153281
#3	3.395798	3.229154	.0453472	-.000257	-.030980	.0779720	.4131981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5494592	.9134995	.0132868	.0037139	.6048385	3.568614	.0035509
Stddev	.0588176	.0159442	.0017200	.0001992	.0130680	.018893	.0012225
%RSD	10.70464	1.745397	12.94501	5.364009	2.160575	.5294345	34.42847

#1	.6172997	.8952370	.0113690	.0036538	.5927023	3.583698	.0030861
#2	.5127536	.9206117	.0146927	.0039362	.6031408	3.547422	.0049377
#3	.5183243	.9246499	.0137988	.0035516	.6186723	3.574721	.0026289

Sample Name: J1837-04 Acquired: 3/12/2018 18:18:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2458148	.0089618	.0489064
Stddev	.0018881	.0010356	.0002988
%RSD	.7680945	11.55611	.6108734

#1	.2468238	.0096202	.0492242
#2	.2469839	.0094971	.0488639
#3	.2436366	.0077681	.0486312

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.727	4195.172	47126.41	6499.479	4689.191
Stddev	16.715	55.043	416.63	27.816	65.725
%RSD	.8214766	1.312049	.8840651	.4279670	1.401621

#1	2051.798	4253.242	47554.94	6471.084	4756.258
#2	2033.990	4188.511	47101.49	6526.677	4686.417
#3	2018.392	4143.763	46722.80	6500.677	4624.897

Sample Name: J1837-05 Acquired: 3/12/2018 18:22:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159889	.0026217	.4233137	.0019800	.0009095	20.89154	.4085920
Stddev	.0011555	.0008140	.0072747	.0006870	.0009239	.04424	.0021491
%RSD	7.226625	31.04849	1.718509	34.69569	101.5796	.2117514	.5259761

#1	.0149909	.0031481	.4166904	.0015097	.0002077	20.93824	.4092423
#2	.0172548	.0030329	.4310997	.0027684	.0019562	20.85027	.4103408
#3	.0157210	.0016841	.4221511	.0016620	.0005646	20.88610	.4061928

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025259	.0021448	6.032884	.0694650	.0245639	.0610430	52.19225
Stddev	.0000431	.0000467	.003033	.0003992	.0005289	.0042335	.22449
%RSD	1.704335	2.176031	.0502819	.5746315	2.153105	6.935323	.4301263

#1	.0025511	.0021075	6.036261	.0697598	.0241255	.0653332	52.18329
#2	.0025504	.0021971	6.032002	.0690108	.0251513	.0568685	52.42109
#3	.0024762	.0021297	6.030390	.0696245	.0244147	.0609273	51.97237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.399698	3.435012	.0475339	.0001751	.1099023	.0800718	.4188139
Stddev	.010092	.018484	.0014019	.0001222	.0920391	.0041757	.0103157
%RSD	.2968382	.5381025	2.949374	69.79728	83.74625	5.214923	2.463077

#1	3.391591	3.416260	.0461634	.0001592	.2117395	.0839585	.4095170
#2	3.411000	3.453215	.0489653	.0003045	.0326572	.0756573	.4299114
#3	3.396501	3.435560	.0474730	.0000616	.0853103	.0805998	.4170133

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5998348	.9391499	.0151213	.0043447	.6337163	3.368541	.0040172
Stddev	.0427470	.0153568	.0007606	.0002401	.0097537	.008832	.0005075
%RSD	7.126458	1.635176	5.029738	5.526465	1.539127	.2622040	12.63267

#1	.6490432	.9226573	.0150080	.0043434	.6244685	3.372288	.0036992
#2	.5785768	.9530375	.0159321	.0041052	.6439073	3.374883	.0037499
#3	.5718842	.9417550	.0144237	.0045854	.6327731	3.358453	.0046024

Sample Name: J1837-05 Acquired: 3/12/2018 18:22:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F12D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2488015	.0090454	.0495773
Stddev	.0009784	.0015604	.0000448
%RSD	.3932381	17.25064	.0903166

#1	.2493869	.0078069	.0496229
#2	.2476720	.0085313	.0495754
#3	.2493456	.0107979	.0495334

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.146	4105.694	46566.75	6499.319	4580.619
Stddev	4.866	59.890	158.74	37.151	72.853
%RSD	.2426944	1.458705	.3408921	.5716093	1.590469

#1	1999.544	4153.106	46472.58	6462.243	4640.269
#2	2008.324	4038.389	46750.03	6499.171	4499.422
#3	2007.571	4125.588	46477.64	6536.544	4602.166

Sample Name: J1837-06 Acquired: 3/12/2018 18:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907890	.1089485	.4314814	.1025447	.2049597	23.45647	4.352201
Stddev	.0031238	.0007143	.0015222	.0029153	.0011746	.09700	.010093
%RSD	3.440762	.6556294	.3527804	2.842946	.5730697	.4135530	.2319091

#1	.0943884	.1081754	.4312066	.1013972	.2043931	23.46749	4.362486
#2	.0891935	.1095840	.4301154	.1003778	.2063101	23.54749	4.351805
#3	.0887852	.1090860	.4331223	.1058591	.2041758	23.35442	4.342312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971211	.1023508	5.656992	.4808771	1.011412	.5631022	51.64758
Stddev	.0001947	.0001803	.025769	.0004684	.003757	.0021215	.16112
%RSD	.2004970	.1761403	.4555259	.0974115	.3714790	.3767444	.3119521

#1	.0969128	.1022548	5.672039	.4811533	1.011856	.5621404	51.80787
#2	.0971520	.1022389	5.671699	.4811418	1.007452	.5655342	51.64921
#3	.0972985	.1025588	5.627237	.4803363	1.014927	.5616320	51.48565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.247413	2.452883	1.055270	.0882378	.1208870	1.059953	1.336959
Stddev	.012632	.027796	.005358	.0003653	.1702101	.004735	.015049
%RSD	.2974002	1.133205	.5077621	.4139339	140.8010	.4466876	1.125644

#1	4.254412	2.433486	1.054812	.0886568	.1646824	1.061470	1.351641
#2	4.254996	2.484728	1.050156	.0879861	.2649198	1.063743	1.321567
#3	4.232831	2.440435	1.060843	.0880707	-.066941	1.054646	1.337669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3811157	.8874820	.0142110	.0047313	.5844725	3.282371	.0031541
Stddev	.0175711	.0028096	.0011814	.0000743	.0041083	.007593	.0004974
%RSD	4.610424	.3165818	8.313489	1.569727	.7029013	.2313372	15.76898

#1	.3962826	.8844106	.0152690	.0047251	.5866342	3.281109	.0026179
#2	.3618611	.8881128	.0129362	.0048085	.5797347	3.290516	.0036004
#3	.3852034	.8899226	.0144278	.0046604	.5870486	3.275487	.0032441

Sample Name: J1837-06 Acquired: 3/12/2018 18:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2341214	.0116566	.0472253
Stddev	.0028292	.0004226	.0001234
%RSD	1.208416	3.625635	.2612583

#1	.2352677	.0121180	.0473532
#2	.2361975	.0115634	.0472157
#3	.2308990	.0112882	.0471070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.989	4295.276	47916.63	6652.883	4796.090
Stddev	9.908	19.192	152.60	30.253	18.165
%RSD	.4805022	.4468228	.3184713	.4547410	.3787395

#1	2055.038	4300.348	47890.91	6682.825	4791.370
#2	2073.334	4311.424	48080.46	6622.328	4816.148
#3	2057.594	4274.058	47778.52	6653.496	4780.750

Sample Name: J1837-04LX5 Acquired: 3/12/2018 18:30:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F12L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055103	.0009670	.0834735	.0016373	.0023581	4.320194	.0850724
Stddev	.0012652	.0009354	.0015637	.0008274	.0008738	.009639	.0002468
%RSD	22.96102	96.73378	1.873295	50.53212	37.05528	.2231127	.2900432

#1	.0065083	.0002165	.0841801	.0024889	.0019877	4.315983	.0851781
#2	.0040873	.0006695	.0845591	.0015866	.0017305	4.331222	.0852487
#3	.0059352	.0020149	.0816812	.0008365	.0033561	4.313377	.0847904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005717	.0003885	1.266020	.0091790	.0045780	.0144420	10.90738
Stddev	.0000937	.0000733	.008904	.0002216	.0001681	.0028020	.07381
%RSD	16.38789	18.86567	.7033050	2.414792	3.672838	19.40148	.6767339

#1	.0005691	.0004730	1.267323	.0090084	.0047210	.0158297	10.98953
#2	.0004793	.0003493	1.256536	.0090991	.0046201	.0162793	10.88598
#3	.0006666	.0003431	1.274200	.0094296	.0043928	.0112170	10.84664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7148311	.5314594	.0066984	.0002716	.0885227	.0145479	.0849841
Stddev	.0030419	.0138019	.0000653	.0002999	.0724006	.0031622	.0028434
%RSD	.4255353	2.596988	.9740650	110.4098	81.78763	21.73635	3.345749

#1	.7183419	.5457733	.0066275	-.000009	.0853686	.0168907	.0846985
#2	.7131679	.5303709	.0067558	.000587	.0177507	.0158021	.0879594
#3	.7129834	.5182339	.0067120	.000236	.1624489	.0109511	.0822943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.418414	.1856658	.0043592	.0004643	.1148312	.7345029	.0010937
Stddev	.093706	.0018679	.0008327	.0000606	.0007757	.0085059	.0004195
%RSD	22.39553	1.006075	19.10221	13.04528	.6754869	1.158050	38.36133

#1	-.321103	.1854427	.0034943	.0004675	.1155737	.7439728	.0015780
#2	-.426097	.1876353	.0051555	.0004022	.1148939	.7320247	.0008423
#3	-.508043	.1839195	.0044277	.0005232	.1140261	.7275114	.0008606

Sample Name: J1837-04LX5 Acquired: 3/12/2018 18:30:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F12L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0500479	-.001559	.0103565
Stddev	.0010831	.000746	.0000132
%RSD	2.164077	47.83496	.1274865

#1	.0495379	-.002418	.0103708
#2	.0493140	-.001188	.0103448
#3	.0512918	-.001072	.0103539

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.168	4159.703	45548.82	6266.523	4823.090
Stddev	12.524	20.131	217.63	66.892	21.713
%RSD	.6340825	.4839555	.4777885	1.067450	.4501881

#1	1962.435	4136.458	45335.03	6192.831	4798.017
#2	1975.595	4171.255	45541.36	6283.328	4835.645
#3	1987.473	4171.397	45770.09	6323.410	4835.606

Sample Name: J1837-07 Acquired: 3/12/2018 18:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244749	.0042309	1.686119	.0040716	.0037742	26.58165	.9258072
Stddev	.0026975	.0023910	.009437	.0012475	.0011703	.09228	.0038463
%RSD	11.02145	56.51399	.5596658	30.63856	31.00715	.3471677	.4154528

#1	.0254243	.0026831	1.688021	.0027236	.0048185	26.68149	.9299464
#2	.0214311	.0030247	1.675876	.0043057	.0025094	26.49949	.9223433
#3	.0265694	.0069847	1.694459	.0051854	.0039946	26.56396	.9251319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036418	.0010971	5.065456	.0694948	.0422875	.0762552	107.7132
Stddev	.0001153	.0000136	.039776	.0002102	.0000710	.0009969	.1728
%RSD	3.164598	1.240387	.7852499	.3024566	.1679156	1.307275	.1604634

#1	.0035881	.0010905	5.099635	.0694734	.0422987	.0769067	107.8120
#2	.0037741	.0011128	5.021796	.0692962	.0422116	.0751076	107.8140
#3	.0035633	.0010881	5.074938	.0697149	.0423522	.0767512	107.5137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.389011	3.102445	.0465168	.0003683	.3238490	.1100020	.5861881
Stddev	.015475	.018912	.0004102	.0002801	.0588712	.0012872	.0019850
%RSD	.3525854	.6095923	.8818303	76.05278	18.17859	1.170169	.3386373

#1	4.405964	3.123744	.0469715	.0005671	.3918257	.1088899	.5847588
#2	4.385424	3.095970	.0464046	.0004899	.2894233	.1097041	.5853509
#3	4.375644	3.087620	.0461744	.0000480	.2902980	.1114121	.5884546

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7055601	.8680307	.0194762	.0019458	1.295553	3.027608	.0053282
Stddev	.0484375	.0059464	.0017205	.0002431	.014371	.035512	.0009202
%RSD	6.865114	.6850414	8.833914	12.49512	1.109229	1.172947	17.27013

#1	.6534054	.8692960	.0176389	.0021714	1.299260	3.065174	.0042694
#2	.7491334	.8615536	.0197403	.0019778	1.279693	3.023064	.0059347
#3	.7141415	.8732427	.0210494	.0016883	1.307708	2.994587	.0057805

Sample Name: J1837-07 Acquired: 3/12/2018 18:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3030088	.0123939	.0749530
Stddev	.0022227	.0000144	.0002401
%RSD	.7335295	.1157490	.3202910

#1	.3055364	.0124031	.0752249
#2	.3021306	.0123774	.0747705
#3	.3013594	.0124013	.0748635

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.634	4269.307	46722.54	6500.104	4725.458
Stddev	5.531	12.126	184.51	22.045	17.048
%RSD	.2753528	.2840286	.3949082	.3391430	.3607724

#1	2005.455	4267.913	46887.21	6483.171	4724.466
#2	2005.426	4282.070	46523.12	6492.110	4742.981
#3	2015.020	4257.938	46757.28	6525.030	4708.928

Sample Name: J1837-08 Acquired: 3/12/2018 18:38:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163342	.0029894	.0374688	.0034194	.0030600	34.06168	.4098258
Stddev	.0019426	.0007230	.0009254	.0005826	.0001754	.19232	.0030677
%RSD	11.89260	24.18685	2.469781	17.03971	5.731883	.5646353	.7485399

#1	.0170250	.0037887	.0378132	.0037490	.0032622	34.26721	.4130345
#2	.0141407	.0027984	.0381727	.0037625	.0029495	34.03177	.4095209
#3	.0178370	.0023810	.0364206	.0027466	.0029683	33.88607	.4069219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032063	-.000989	1.296174	.0678460	.0322248	.0561055	67.59879
Stddev	.0000787	.000061	.042003	.0004624	.0001335	.0009412	.45066
%RSD	2.455101	6.133765	3.240505	.6816078	.4142489	1.677552	.6666624

#1	.0032931	-.001043	1.328945	.0682265	.0323217	.0557037	68.10592
#2	.0031396	-.001000	1.310752	.0673313	.0320725	.0554318	67.24420
#3	.0031861	-.000924	1.248824	.0679801	.0322802	.0571808	67.44626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.601839	2.642282	.0307384	.0001968	.2088301	.1211641	.0315117
Stddev	.005376	.004590	.0001376	.0002710	.0946418	.0034273	.0027560
%RSD	.2066081	.1737279	.4477480	137.7575	45.32001	2.828607	8.745809

#1	2.606349	2.645854	.0306329	.0004198	.3171316	.1174614	.0297482
#2	2.595890	2.643887	.0306883	.0002753	.1420237	.1242252	.0300994
#3	2.603278	2.637104	.0308941	-.000105	.1673350	.1218056	.0346876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392131	.6621463	.0139927	.0020377	.9309956	6.816486	.0018182
Stddev	.038814	.0004651	.0005977	.0001763	.0048159	.010289	.0005534
%RSD	2.788116	.0702337	4.271904	8.650443	.5172892	.1509477	30.43863

#1	1.434448	.6616412	.0142891	.0018957	.9264827	6.823542	.0024349
#2	1.383758	.6625566	.0133046	.0019824	.9304381	6.804680	.0013647
#3	1.358186	.6622412	.0143842	.0022350	.9360660	6.821238	.0016551

Sample Name: J1837-08 Acquired: 3/12/2018 18:38:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3887910	.0148728	.0395856
Stddev	.0015984	.0005054	.0002249
%RSD	.4111122	3.398001	.5682215

#1	.3898740	.0143158	.0398111
#2	.3895437	.0150004	.0395846
#3	.3869552	.0153021	.0393612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.775	4339.047	48032.04	6655.447	4794.660
Stddev	48.239	7.166	814.76	23.509	12.156
%RSD	2.330656	.1651473	1.696279	.3532226	.2535335

#1	2032.095	4346.107	47410.93	6639.703	4798.283
#2	2124.143	4339.255	48954.56	6644.169	4804.593
#3	2053.089	4331.780	47730.64	6682.470	4781.104

Sample Name: J1837-09 Acquired: 3/12/2018 18:42:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141415	.0024529	.0169404	.0022024	.0021805	20.44013	.2617294
Stddev	.0005545	.0011011	.0004977	.0034863	.0017122	.07765	.0007439
%RSD	3.921079	44.89158	2.937729	158.3006	78.52290	.3798888	.2842440

#1	.0143020	.0012520	.0163686	.0040414	.0041487	20.44125	.2623488
#2	.0145981	.0026915	.0171766	-.001818	.0010339	20.51721	.2609043
#3	.0135245	.0034151	.0172760	.004384	.0013590	20.36193	.2619353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029227	-.000797	.6576993	.0975676	.0165711	.0728712	51.57314
Stddev	.0000538	.000031	.0255644	.0005928	.0002675	.0010677	.31496
%RSD	1.841465	3.919760	3.886951	.6075791	1.614106	1.465160	.6107146

#1	.0028610	-.000765	.6587038	.0982444	.0166509	.0720605	51.86351
#2	.0029473	-.000827	.6827467	.0973183	.0167895	.0740809	51.61762
#3	.0029598	-.000801	.6316474	.0971403	.0162727	.0724721	51.23831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7163140	1.417654	.0182338	.0003028	.4130415	.0817258	.0111249
Stddev	.0031729	.011617	.0001118	.0003229	.2107772	.0015976	.0042804
%RSD	.4429418	.8194835	.6134158	106.6261	51.03052	1.954839	38.47627

#1	.7168243	1.422361	.0181451	.0006468	.4149249	.0800090	.0075979
#2	.7192008	1.426179	.0181969	.0002555	.6228707	.0831688	.0158871
#3	.7129169	1.404421	.0183595	.0000062	.2013289	.0819994	.0098897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4683906	.7968237	.0131009	.0010346	1.165144	2.381298	.0016744
Stddev	.0458418	.0091382	.0005353	.0002454	.016307	.024655	.0005920
%RSD	9.787091	1.146823	4.086068	23.72115	1.399579	1.035343	35.35730

#1	.4485268	.7924007	.0130521	.0012185	1.158982	2.365007	.0011274
#2	.4358308	.8073318	.0125917	.0011294	1.183634	2.409663	.0023030
#3	.5208142	.7907386	.0136590	.0007559	1.152816	2.369226	.0015929

Sample Name: J1837-09 Acquired: 3/12/2018 18:42:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1766246	.0117841	.0306237
Stddev	.0026062	.0001440	.0003670
%RSD	1.475545	1.222104	1.198343

#1	.1785659	.0117753	.0302967
#2	.1736626	.0119323	.0305538
#3	.1776455	.0116447	.0310206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.315	4296.118	46799.94	6499.539	4806.870
Stddev	4.071	19.334	130.49	15.747	21.222
%RSD	.2022222	.4500258	.2788295	.2422846	.4414841

#1	2017.984	4293.071	46737.08	6481.952	4797.534
#2	2011.459	4278.488	46949.96	6504.332	4791.918
#3	2010.503	4316.794	46712.78	6512.333	4831.159

Sample Name: J1837-10 Acquired: 3/12/2018 18:46:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352509	-.012345	.2623695	.0028711	.0087793	209.9969	11.35023
Stddev	.0040146	.002392	.0021862	.0047094	.0019704	.3360	.20817
%RSD	11.38867	19.38015	.8332545	164.0234	22.44423	.1600213	1.834058

#1	.0392965	-.015107	.2610964	-.000777	.0104532	209.7172	11.58344
#2	.0312680	-.011024	.2611183	.001203	.0092769	210.3696	11.28405
#3	.0351882	-.010904	.2648939	.008187	.0066077	209.9038	11.18319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126568	-.001030	334.7745	.1694471	.0789906	.1452297	199.3862
Stddev	.0000985	.000067	.8784	.0004587	.0007092	.0032750	.8338
%RSD	.7780821	6.469773	.2623951	.2706742	.8978170	2.255021	.4182076

#1	.0126190	-.000953	335.3946	.1691110	.0793950	.1490062	200.2902
#2	.0127686	-.001063	333.7692	.1692608	.0781717	.1435115	198.6471
#3	.0125829	-.001074	335.1596	.1699696	.0794050	.1431714	199.2215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.436764	57.29133	.1621831	.0030215	13.89176	.3909312	.4263766
Stddev	.008739	.25761	.0013326	.0003736	.13704	.0038025	.0056171
%RSD	.3586445	.4496475	.8216501	12.36386	.9864705	.9726663	1.317407

#1	2.446841	57.49842	.1629519	.0027690	13.76367	.3951328	.4246232
#2	2.432176	57.00286	.1606443	.0028449	13.87534	.3899344	.4326613
#3	2.431274	57.37271	.1629529	.0034506	14.03626	.3877264	.4218454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.277211	5.583130	.3293730	.0096122	1.949537	2.507067	.0036096
Stddev	.074782	.035588	.0022084	.0002279	.022199	.006205	.0014329
%RSD	1.027622	.6374144	.6704976	2.370432	1.138664	.2475194	39.69806

#1	7.237562	5.563599	.3315443	.0093989	1.943634	2.507594	.0047311
#2	7.363469	5.561584	.3294454	.0095856	1.930886	2.500615	.0041024
#3	7.230603	5.624206	.3271292	.0098523	1.974090	2.512992	.0019953

Sample Name: J1837-10 Acquired: 3/12/2018 18:46:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.389478	.1236595	5.586174
Stddev	.017595	.0004164	.039498
%RSD	.2753759	.3367121	.7070704

#1	6.369851	.1236575	5.628090
#2	6.394745	.1232442	5.580785
#3	6.403838	.1240770	5.549647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.697	4443.647	49382.32	7214.056	4032.055
Stddev	17.712	17.888	243.75	37.001	25.134
%RSD	.8312562	.4025567	.4935952	.5129042	.6233451

#1	2111.472	4434.495	49109.51	7171.333	4031.550
#2	2134.271	4464.260	49458.76	7235.012	4057.437
#3	2146.350	4432.186	49578.69	7235.823	4007.177

Sample Name: J1837-11 Acquired: 3/12/2018 18:50:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219085	-.005538	.1800948	.0009591	.0068840	128.8728	11.30433
Stddev	.0022573	.000437	.0013061	.0035893	.0017523	.6736	.14835
%RSD	10.30315	7.892871	.7252258	374.2432	25.45474	.5227015	1.312338

#1	.0235584	-.005066	.1815981	.0026841	.0069554	128.0983	11.21117
#2	.0193361	-.005928	.1792383	.0033603	.0050971	129.1986	11.22641
#3	.0228309	-.005619	.1794480	-.003167	.0085995	129.3216	11.47540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076539	.0000627	191.6339	.1085445	.0455233	.0953644	113.3386
Stddev	.0001527	.0000991	.4640	.0004319	.0007255	.0021074	.1154
%RSD	1.994755	158.0346	.2421388	.3978530	1.593605	2.209836	.1017846

#1	.0076280	.0001767	191.6039	.1088552	.0462106	.0977978	113.2546
#2	.0075158	.0000147	192.1122	.1080514	.0447649	.0941527	113.4701
#3	.0078178	-.000003	191.1856	.1087269	.0455944	.0941428	113.2911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962215	34.83634	.1042589	.0018502	8.252474	.2630045	.4265454
Stddev	.005903	.08858	.0008002	.0001771	.236542	.0024671	.0183209
%RSD	.3008269	.2542827	.7675238	9.572347	2.866322	.9380498	4.295175

#1	1.956808	34.73684	.1050820	.0016559	8.028360	.2627330	.4082248
#2	1.968512	34.90662	.1034837	.0018919	8.229321	.2606844	.4448665
#3	1.961325	34.86556	.1042110	.0020027	8.499742	.2655961	.4265449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365029	3.696653	.2665456	.0072503	3.103008	4.018101	.0001480
Stddev	.019580	.015559	.0013685	.0002735	.028790	.055345	.0006212
%RSD	.3649607	.4208961	.5134300	3.772712	.9278199	1.377394	419.8369

#1	5.373749	3.713223	.2660762	.0072225	3.129711	3.985649	.0000749
#2	5.342603	3.682355	.2654735	.0069917	3.072507	3.986648	.0008025
#3	5.378734	3.694381	.2680870	.0075367	3.106806	4.082005	-.000433

Sample Name: J1837-11 Acquired: 3/12/2018 18:50:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.091079	.0777254	3.462571
Stddev	.037777	.0004520	.013536
%RSD	.7420192	.5814973	.3909211

#1	5.047472	.0779684	3.448684
#2	5.111942	.0780039	3.463303
#3	5.113824	.0772039	3.475727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.635	4300.964	47282.21	6850.955	4230.806
Stddev	14.344	28.834	111.34	45.701	29.307
%RSD	.7001713	.6704139	.2354701	.6670759	.6927042

#1	2056.288	4269.006	47154.05	6859.002	4197.708
#2	2057.530	4325.031	47355.09	6892.098	4253.459
#3	2032.088	4308.855	47337.48	6801.765	4241.253

Sample Name: J1837-12 Acquired: 3/12/2018 18:55:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384561	.0037117	.1010948	.0024421	.0064608	65.26058	.4272393
Stddev	.0002275	.0006988	.0011309	.0023792	.0005102	.06562	.0011406
%RSD	.5915872	18.82650	1.118679	97.42589	7.896804	.1005574	.2669766

#1	.0383084	.0030159	.1023223	.0034167	.0061380	65.27945	.4268966
#2	.0383418	.0037056	.1000951	.0041793	.0070490	65.18758	.4285120
#3	.0387181	.0044135	.1008670	-.000270	.0061954	65.31470	.4263093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072041	-.001488	71.61946	.1111094	.0745344	.1105702	157.3759
Stddev	.0000603	.000011	.29724	.0003851	.0004847	.0024826	.2548
%RSD	.8365804	.7091050	.4150338	.3465509	.6503317	2.245296	.1619021

#1	.0071469	-.001499	71.74360	.1106840	.0743971	.1095270	157.5871
#2	.0071982	-.001488	71.83450	.1112099	.0741332	.1134042	157.4477
#3	.0072670	-.001478	71.28026	.1114342	.0750730	.1087794	157.0929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.587484	26.98481	.1754577	.0009756	.6537633	.1401003	.3137837
Stddev	.007135	.16174	.0005074	.0003166	.1228722	.0039080	.0120885
%RSD	.1988886	.5993707	.2891959	32.45271	18.79460	2.789457	3.852491

#1	3.589806	26.85388	.1752850	.0008062	.5933613	.1419127	.3161193
#2	3.593170	27.16561	.1750592	.0007797	.7951455	.1427731	.3245340
#3	3.579478	26.93494	.1760290	.0013408	.5727829	.1356152	.3006979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.422759	1.968439	.0314119	.0009918	.4843499	4.237877	.0012363
Stddev	.069395	.011431	.0030157	.0001849	.0035573	.038070	.0001567
%RSD	1.569054	.5806971	9.600466	18.64092	.7344457	.8983189	12.67624

#1	4.392838	1.963754	.0348409	.0008475	.4805505	4.194144	.0014105
#2	4.373344	1.960095	.0302224	.0009277	.4848976	4.263601	.0011916
#3	4.502096	1.981468	.0291723	.0012002	.4876015	4.255886	.0011068

Sample Name: J1837-12 Acquired: 3/12/2018 18:55:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2249905	.0998325	.2371403
Stddev	.0002745	.0011299	.0005066
%RSD	.1219896	1.131756	.2136489

#1	.2250232	.1009007	.2375443
#2	.2247012	.0999471	.2365719
#3	.2252472	.0986497	.2373047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.011	4377.162	48625.08	6937.381	4551.140
Stddev	22.434	19.891	293.34	50.950	18.587
%RSD	1.066765	.4544158	.6032705	.7344240	.4084106

#1	2123.037	4377.905	48818.41	6981.416	4552.417
#2	2078.767	4396.671	48287.55	6949.151	4569.055
#3	2107.230	4356.911	48769.29	6881.576	4531.947

Sample Name: J1837-13 Acquired: 3/12/2018 18:59:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660046	-.000847	.0898626	.0010885	.0120470	107.4202	1.051891
Stddev	.0048768	.002677	.0018319	.0072482	.0008500	.3619	.003248
%RSD	7.388561	315.9889	2.038561	665.9145	7.055891	.3369132	.3087390

#1	.0614338	-.000708	.0912459	-.006935	.0120435	107.8360	1.052545
#2	.0654414	.001757	.0877850	.007163	.0128987	107.1758	1.054762
#3	.0711385	-.003592	.0905568	.003038	.0111986	107.2489	1.048366

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156610	-.005390	8.819582	.1827674	.2264658	.1441236	444.4080
Stddev	.0001966	.000194	.171539	.0000678	.0064935	.0012753	1.3384
%RSD	1.255208	3.607502	1.944974	.0370965	2.867311	.8848662	.3011558

#1	.0154343	-.005284	8.982404	.1826981	.2284616	.1430068	445.2069
#2	.0157657	-.005614	8.835855	.1827706	.2192087	.1455132	445.1541
#3	.0157831	-.005271	8.640486	.1828336	.2317272	.1438506	442.8628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.370158	5.967368	.1119940	.0034336	1.652538	.4376036	-.026964
Stddev	.008130	.017215	.0038375	.0002177	.099565	.0032443	.002313
%RSD	.3429952	.2884885	3.426480	6.340512	6.024995	.7413813	8.579097

#1	2.363158	5.986988	.1141099	.0032192	1.558406	.4346947	-.028819
#2	2.379075	5.954791	.1075644	.0036545	1.642440	.4411023	-.024372
#3	2.368241	5.960325	.1143078	.0034270	1.756767	.4370137	-.027700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.871015	.5604065	.0617406	.0024742	.7412616	7.685385	.0032206
Stddev	.070482	.0228183	.0207884	.0001654	.0340164	.107290	.0007964
%RSD	1.820759	4.071733	33.67058	6.683756	4.588989	1.396031	24.72836

#1	3.789901	.5584030	.0784092	.0026305	.7404850	7.612040	.0023349
#2	3.905824	.5386561	.0683654	.0024912	.7076401	7.635589	.0034490
#3	3.917320	.5841605	.0384471	.0023010	.7756596	7.808525	.0038778

Sample Name: J1837-13 Acquired: 3/12/2018 18:59:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3954931	.0327442	.2889061
Stddev	.0006659	.0008560	.0010298
%RSD	.1683611	2.614315	.3564347

#1	.3951654	.0336354	.2900660
#2	.3962593	.0326690	.2880992
#3	.3950546	.0319283	.2885532

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.619	4321.257	49654.85	7073.584	4427.732
Stddev	22.378	97.479	401.86	31.644	109.137
%RSD	1.045408	2.255800	.8092980	.4473528	2.464848

#1	2125.535	4283.712	49409.03	7089.239	4389.446
#2	2129.992	4431.926	49436.92	7094.348	4550.853
#3	2166.331	4248.133	50118.59	7037.164	4342.896

Sample Name: J1837-14 Acquired: 3/12/2018 19:03:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122940	.0024997	.0740124	.0021466	.0015312	25.70856	.3482173
Stddev	.0005241	.0016134	.0004401	.0027228	.0006091	.10646	.0006611
%RSD	4.263043	64.54124	.5946180	126.8451	39.78103	.4141046	.1898411

#1	.0124915	.0020032	.0737245	-.000876	.0008561	25.79113	.3475062
#2	.0116998	.0043030	.0737937	.004408	.0016977	25.74615	.3483329
#3	.0126906	.0011930	.0745190	.002908	.0020397	25.58841	.3488131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025127	-.000537	1.895095	.0833557	.0246676	.0513011	50.03849
Stddev	.0000470	.000008	.009682	.0016509	.0001115	.0039221	.07442
%RSD	1.870237	1.514109	.5109132	1.980583	.4520844	7.645180	.1487312

#1	.0024822	-.000530	1.893037	.0849481	.0246057	.0556770	50.01553
#2	.0025668	-.000535	1.886608	.0834671	.0247963	.0501236	49.97826
#3	.0024892	-.000546	1.905641	.0816519	.0246007	.0481026	50.12169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.639967	2.232370	.0315671	.0000140	.4315783	.0995041	.1061000
Stddev	.006233	.030738	.0004709	.0004925	.1108158	.0036596	.0033637
%RSD	.2361181	1.376903	1.491709	3525.829	25.67686	3.677856	3.170351

#1	2.633424	2.215252	.0312233	-.000440	.4262043	.0969220	.1083682
#2	2.640640	2.214002	.0313742	-.000055	.3235473	.0978982	.1076964
#3	2.645837	2.267855	.0321038	.000537	.5449833	.1036921	.1022353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6349137	.5102729	.0099913	.0076558	.8297588	5.493849	.0014600
Stddev	.0696310	.0040063	.0009822	.0001645	.0025692	.069134	.0006542
%RSD	10.96700	.7851219	9.830465	2.149227	.3096386	1.258393	44.81062

#1	.6443330	.5139200	.0089042	.0075368	.8273013	5.557932	.0020976
#2	.5610526	.5109140	.0102550	.0078435	.8324268	5.503034	.0014922
#3	.6993556	.5059848	.0108148	.0075869	.8295482	5.420581	.0007903

Sample Name: J1837-14 Acquired: 3/12/2018 19:03:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3398561	.0121694	.0396063
Stddev	.0020244	.0007099	.0001115
%RSD	.5956506	5.833651	.2814695

#1	.3410680	.0115094	.0395427
#2	.3409812	.0120783	.0397350
#3	.3375191	.0129205	.0395412

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.139	4260.724	47850.52	6513.791	4728.296
Stddev	37.255	9.015	707.63	13.165	8.811
%RSD	1.800507	.2115798	1.478829	.2021166	.1863558

#1	2030.320	4269.409	47089.28	6500.613	4738.261
#2	2072.492	4261.351	47974.02	6513.816	4725.090
#3	2104.604	4251.412	48488.27	6526.944	4721.536

Sample Name: J1837-15 Acquired: 3/12/2018 19:07:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337187	-.000074	.1424885	.0031499	.0056972	72.79911	2.886560
Stddev	.0036618	.001338	.0015428	.0041049	.0007479	.31713	.028476
%RSD	10.85981	1815.282	1.082754	130.3172	13.12788	.4356278	.9864974

#1	.0370641	.000085	.1409795	.0078795	.0065067	73.07451	2.918365
#2	.0298066	-.001484	.1424230	.0010556	.0050319	72.87044	2.877880
#3	.0342853	.001178	.1440630	.0005146	.0055529	72.45239	2.863434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066942	-.001008	148.9767	.1084325	.0473626	.0868497	155.8835
Stddev	.0000242	.000112	1.3497	.0009285	.0002371	.0020637	1.2323
%RSD	.3618357	11.15571	.9059895	.8562980	.5005804	2.376183	.7905545

#1	.0067176	-.001090	150.3383	.1095044	.0474769	.0854581	157.0864
#2	.0066958	-.001053	148.9527	.1079178	.0470900	.0892207	155.9405
#3	.0066692	-.000880	147.6392	.1078753	.0475209	.0858702	154.6236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307946	20.11265	.0719515	.0014564	2.563717	.1880122	.2503633
Stddev	.010959	.15243	.0002438	.0000974	.114281	.0036222	.0042341
%RSD	.8378626	.7578630	.3388763	6.690662	4.457637	1.926576	1.691171

#1	1.318549	20.20738	.0718466	.0013984	2.433100	.1846059	.2455258
#2	1.308626	20.19374	.0717777	.0015689	2.645289	.1918173	.2533956
#3	1.296663	19.93681	.0722302	.0014019	2.612763	.1876135	.2521685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.050241	1.502529	.0459959	.0024977	1.645495	3.800861	.0024343
Stddev	.042097	.012642	.0032093	.0001267	.005995	.051958	.0008508
%RSD	1.380108	.8413964	6.977309	5.071073	.3643538	1.367012	34.95041

#1	3.097325	1.516832	.0496512	.0026309	1.646358	3.799950	.0017781
#2	3.037161	1.497907	.0436403	.0024835	1.639115	3.853269	.0021292
#3	3.016238	1.492848	.0446963	.0023788	1.651012	3.749364	.0033955

Sample Name: J1837-15 Acquired: 3/12/2018 19:07:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F32 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6545563	.0311442	1.195827
Stddev	.0045636	.0011661	.005899
%RSD	.6972043	3.744256	.4933082

#1	.6589611	.0303754	1.200970
#2	.6548589	.0324859	1.197124
#3	.6498490	.0305712	1.189388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.262	4290.670	47478.46	6718.103	4437.100
Stddev	9.368	10.619	137.59	69.941	13.613
%RSD	.4569221	.2475017	.2897868	1.041088	.3068107

#1	2055.013	4302.243	47533.09	6704.133	4452.099
#2	2039.470	4288.392	47321.94	6656.201	4433.673
#3	2056.302	4281.374	47580.33	6793.975	4425.527

Sample Name: J1837-18 Acquired: 3/12/2018 19:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106770	.0042801	.0397633	.0025005	-.000433	6.964567	.3065049
Stddev	.0033943	.0014776	.0006809	.0018764	.001147	.035811	.0015350
%RSD	31.79123	34.52220	1.712370	75.04116	264.5201	.5141883	.5007913

#1	.0128325	.0053748	.0392278	.0045575	.000588	6.934745	.3081979
#2	.0067643	.0048661	.0395326	.0008826	-.000215	7.004286	.3052040
#3	.0124342	.0025994	.0405296	.0020614	-.001673	6.954671	.3061129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014949	.0001033	101.8224	.0217066	.0307754	.1093725	42.69486
Stddev	.0000457	.0000309	.3869	.0005933	.0002921	.0024544	.23865
%RSD	3.056054	29.90581	.3800114	2.733172	.9491898	2.244084	.5589695

#1	.0015420	.0000890	102.2507	.0214464	.0304430	.1073573	42.95907
#2	.0014920	.0001387	101.4980	.0223855	.0309915	.1086543	42.49493
#3	.0014507	.0000821	101.7187	.0212879	.0308917	.1121059	42.63058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050106	3.042386	.0432113	.0000346	.2545391	.0461567	.1398717
Stddev	.024154	.008177	.0003868	.0004311	.2975233	.0019311	.0023316
%RSD	.4782915	.2687845	.8951852	1244.724	116.8871	4.183765	1.666977

#1	5.075881	3.034106	.0428776	-.000463	.2003196	.0451360	.1378895
#2	5.027991	3.050457	.0436353	.000283	.5754434	.0483839	.1424407
#3	5.046446	3.042595	.0431209	.000284	-.012146	.0449501	.1392849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1485681	.3974798	.0162283	.0022378	2.158144	2.414744	-.001219
Stddev	.0158214	.0045322	.0006067	.0004600	.022418	.030515	.000844
%RSD	10.64927	1.140241	3.738317	20.55481	1.038766	1.263707	69.21451

#1	.1623251	.3932689	.0157889	.0020351	2.139728	2.449664	-.000742
#2	.1521000	.3968940	.0159755	.0019140	2.151597	2.401366	-.002194
#3	.1312792	.4022764	.0169205	.0027643	2.183107	2.393203	-.000722

Sample Name: J1837-18 Acquired: 3/12/2018 19:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1160239	.0049179	.4442787
Stddev	.0011878	.0015738	.0001128
%RSD	1.023756	32.00011	.0253777

#1	.1146632	.0031061	.4443878
#2	.1165549	.0059443	.4441626
#3	.1168535	.0057035	.4442858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.410	4087.878	45853.01	6461.655	4563.383
Stddev	8.290	6.320	133.53	24.195	7.089
%RSD	.4235165	.1545990	.2912114	.3744373	.1553506

#1	1960.639	4095.090	45982.86	6443.444	4568.812
#2	1963.599	4083.311	45716.09	6452.413	4565.976
#3	1947.991	4085.232	45860.09	6489.109	4555.363

Sample Name: J1837-19 Acquired: 3/12/2018 19:15:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343851	-.002298	.2076269	.0027557	.0059222	50.68124	.6582789
Stddev	.0007056	.001385	.0011323	.0030898	.0005430	.10378	.0030215
%RSD	2.052164	60.28661	.5453328	112.1232	9.168341	.2047621	.4589940

#1	.0350955	-.001711	.2064522	.0060660	.0056436	50.77929	.6602055
#2	.0343755	-.003879	.2077174	.0022528	.0055751	50.57256	.6547966
#3	.0336843	-.001302	.2087113	-.000052	.0065479	50.69187	.6598346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066219	.0008046	84.82216	.3992654	.0675525	.0961792	150.1956
Stddev	.0000561	.0000996	.31999	.0013839	.0003879	.0025645	.1963
%RSD	.8477572	12.38446	.3772470	.3466132	.5742095	2.666410	.1306675

#1	.0066728	.0007425	84.80445	.3992901	.0674186	.0945298	149.9759
#2	.0065617	.0009195	84.51139	.4006368	.0672493	.0948741	150.3536
#3	.0066312	.0007518	85.15063	.3978693	.0679896	.0991338	150.2573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.261109	16.74442	.1599175	.0010914	.8634780	.1963913	.6929765
Stddev	.003690	.10607	.0018165	.0003427	.1606843	.0029775	.0053760
%RSD	.1631882	.6334640	1.135892	31.40065	18.60897	1.516078	.7757779

#1	2.256934	16.62251	.1598280	.0008576	.8669014	.1965394	.6958574
#2	2.263931	16.81559	.1581474	.0009319	1.022423	.1933426	.6962981
#3	2.262463	16.79515	.1617771	.0014848	.701109	.1992920	.6867741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.585146	2.831610	.0482520	.1040132	6.625421	2.509293	.0047073
Stddev	.024326	.016156	.0015439	.0002855	.037266	.012409	.0006859
%RSD	.3207104	.5705616	3.199648	.2744704	.5624772	.4945172	14.57112

#1	7.557329	2.829626	.0497147	.1039434	6.643058	2.495904	.0040311
#2	7.602437	2.816537	.0484033	.1037692	6.582610	2.520407	.0046882
#3	7.595671	2.848666	.0466381	.1043272	6.650595	2.511568	.0054025

Sample Name: J1837-19 Acquired: 3/12/2018 19:15:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3491849	.0548906	.4342916
Stddev	.0005988	.0006615	.0007366
%RSD	.1715006	1.205123	.1696038

#1	.3485154	.0542336	.4347711
#2	.3493697	.0548818	.4346602
#3	.3496696	.0555565	.4334435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.527	4267.295	47754.84	6818.901	4516.993
Stddev	3.880	15.616	41.91	46.227	20.864
%RSD	.1894212	.3659426	.0877563	.6779183	.4619100

#1	2044.304	4269.761	47765.79	6868.983	4516.161
#2	2051.936	4281.532	47708.55	6777.867	4538.261
#3	2049.341	4250.593	47790.19	6809.855	4496.557

Sample Name: CCV034 Acquired: 3/12/2018 19:19:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839992	4.791055	23.77200	4.898074	4.890502	381.6177
Stddev	.031233	.026085	.10700	.016767	.013059	1.2210
%RSD	.6453123	.5444431	.4500912	.3423239	.2670342	.3199560

#1	4.829191	4.787923	23.71029	4.882639	4.879868	382.6653
#2	4.815593	4.766678	23.71017	4.895669	4.886560	380.2767
#3	4.875192	4.818564	23.89555	4.915914	4.905078	381.9110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.431424	.4564071	2.374010	374.6062	14.31169	2.392639
Stddev	.026120	.0028489	.010496	.7568	.16545	.008775
%RSD	.2769508	.6241964	.4421292	.2020341	1.156034	.3667636

#1	9.456955	.4551026	2.366853	375.2620	14.12082	2.388068
#2	9.432566	.4596747	2.369117	374.7784	14.40005	2.387092
#3	9.404751	.4544441	2.386059	373.7780	14.41420	2.402756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.14417	378.8211	13.56498	370.1550	2.411004	1.188783
Stddev	.03351	1.1175	.04380	.5396	.010296	.017881
%RSD	.2369492	.2950057	.3228813	.1457729	.4270432	1.504112

#1	14.17860	380.0004	13.60164	370.5954	2.402904	1.168985
#2	14.14227	378.6850	13.57683	370.3166	2.407517	1.203756
#3	14.11165	377.7778	13.51648	369.5531	2.422591	1.193608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	379.5461	2.271217	F 12.96041	143.0077	5.028139	F 4.493048
Stddev	.6079	.008534	.18079	.1829	.017332	.010179
%RSD	.1601638	.3757291	1.394952	.1278963	.3447049	.2265437

#1	379.9387	2.280856	12.75671	143.2186	5.027334	4.487515
#2	379.8538	2.264627	13.02270	142.9120	5.011223	4.504795
#3	378.8459	2.268168	13.10183	142.8924	5.045859	4.486835

Sample Name: CCV034 Acquired: 3/12/2018 19:19:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.769951	5.022714	4.436151	4.822165	4.690541	4.732144
Stddev	.012301	.041114	.030737	.027955	.014292	.006597
%RSD	.2578777	.8185523	.6928773	.5797267	.3047003	.1394007

#1	4.759276	5.007121	4.417917	4.812416	4.703325	4.739034
#2	4.767174	4.991678	4.471638	4.800390	4.675111	4.725887
#3	4.783402	5.069343	4.418897	4.853690	4.693188	4.731510

Elem	Sr4077
Units	ppm
Avg	4.743466
Stddev	.033755
%RSD	.7116196

#1	4.755655
#2	4.769435
#3	4.705310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1570.567	3293.059	38519.30	5902.341	3424.027
Stddev	24.262	5.521	460.88	21.448	8.961
%RSD	1.544803	.1676554	1.196496	.3633819	.2617175

#1	1596.099	3298.961	39012.51	5889.625	3433.076
#2	1547.814	3288.022	38099.58	5890.294	3423.850
#3	1567.789	3292.194	38445.79	5927.104	3415.156

Sample Name: CCB034 Acquired: 3/12/2018 19:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000781	.0025770	.0004093	-.000380	.0013148	.0027099	-.000624
Stddev	.003320	.0018127	.0006737	.001528	.0012421	.0088889	.000211
%RSD	425.0462	70.34152	164.5903	401.7767	94.46640	328.0166	33.83517

#1	-.000135	.0018882	.0004599	-.002128	.0015392	.0110945	-.000749
#2	.002169	.0012096	-.000288	.000279	.0024294	.0036448	-.000380
#3	-.004377	.0046331	.001056	.000707	-.000024	-.006610	-.000744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000119	-.001340	.0000140	-.000199	.0010323	.0012549
Stddev	.000065	.0000859	.008786	.0004487	.000273	.0010928	.0040110
%RSD	194.9215	719.3273	655.4287	3198.317	137.4267	105.8604	319.6233

#1	-.000053	-.000087	.008115	.0000336	.000092	-.000214	.0058847
#2	-.000087	.000051	-.002883	.0004526	-.000239	.001824	-.000947
#3	.000039	.000071	-.009253	-.000444	-.000449	.001487	-.001172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001004	.0383135	-.000213	-.000021	-.203796	.0012812	-.001655
Stddev	.0002430	.0080164	.000241	.000171	.178432	.0020804	.000799
%RSD	242.1064	20.92328	113.3977	806.3839	87.55378	162.3765	48.26620

#1	-.000174	.0426190	.000046	-.000063	-.044717	.0003512	-.001841
#2	.000187	.0290642	-.000431	-.000168	-.169943	.0036644	-.000780
#3	.000289	.0432572	-.000253	.000167	-.396730	-.000172	-.002345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.474037	-.000637	.0042389	.0000701	-.007822	-.003630	-.000101
Stddev	.039163	.001923	.0002742	.0001436	.001261	.000969	.000680
%RSD	8.261558	302.0047	6.469726	204.7727	16.11943	26.68690	670.5215

#1	-.429883	-.002501	.0043911	-.000027	-.008895	-.004712	-.000717
#2	-.487658	-.000749	.0039223	.000235	-.008137	-.002844	.000628
#3	-.504571	.001340	.0044032	.000002	-.006433	-.003333	-.000215

Sample Name: CCB034 Acquired: 3/12/2018 19:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v444) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000106	-.003839	.0000235
Stddev	.000609	.001076	.0000406
%RSD	573.9577	28.02619	172.4088

#1	.000509	-.003270	.0000509
#2	-.000118	-.003167	.0000428
#3	-.000709	-.005080	-.000023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.722	3970.730	43829.75	6072.631	4700.148
Stddev	20.963	5.385	190.63	27.540	7.801
%RSD	1.107539	.1356168	.4349290	.4535132	.1659651

#1	1876.123	3975.147	43701.93	6040.944	4705.252
#2	1885.763	3972.312	43738.47	6090.799	4704.024
#3	1916.279	3964.731	44048.86	6086.151	4691.169