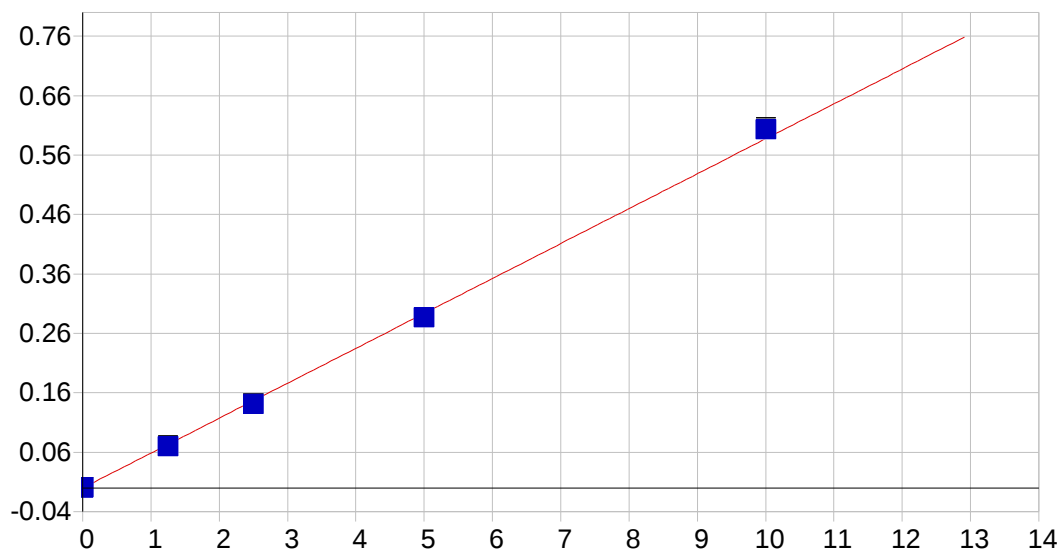


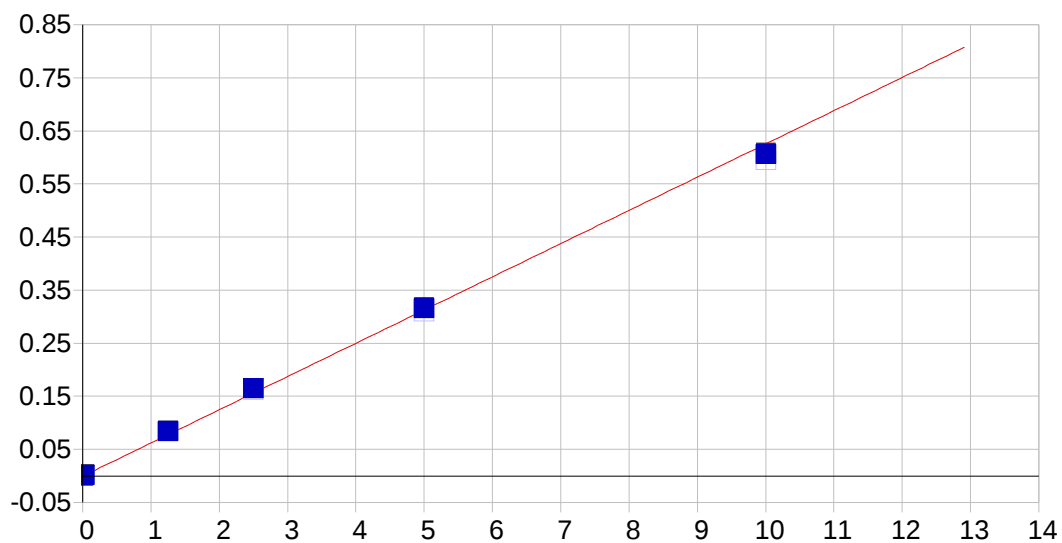


As 189.042 {479}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.058762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002822
 Predicted MQL: 0.009407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.00831	-.002	-16.9	.00029	.000	1
S2	1.2500	1.1987	-.051	-4.10	.07022	.000	1
S3	2.5000	2.4060	-.094	-3.76	.14114	.001	1
S4	5.0000	4.8810	-.119	-2.38	.28653	.001	1
S5	10.000	10.266	.266	2.66	.60288	.003	1

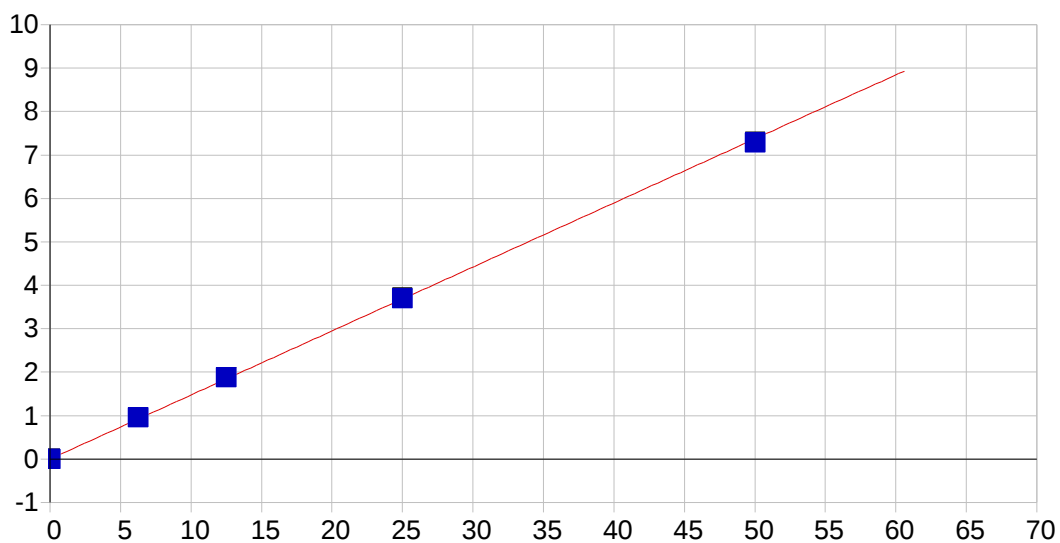


TI 190.856 {477}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.062585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999260 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001899
 Predicted MQL: 0.006330

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00050	.000	1
S1	.02500	.02828	.003	13.1	.00114	.000	1
S2	1.2500	1.3589	.109	8.71	.08313	.000	1
S3	2.5000	2.6361	.136	5.44	.16164	.000	1
S4	5.0000	5.0513	.051	1.03	.30996	.001	1
S5	10.000	9.7007	-.299	-2.99	.59525	.002	1

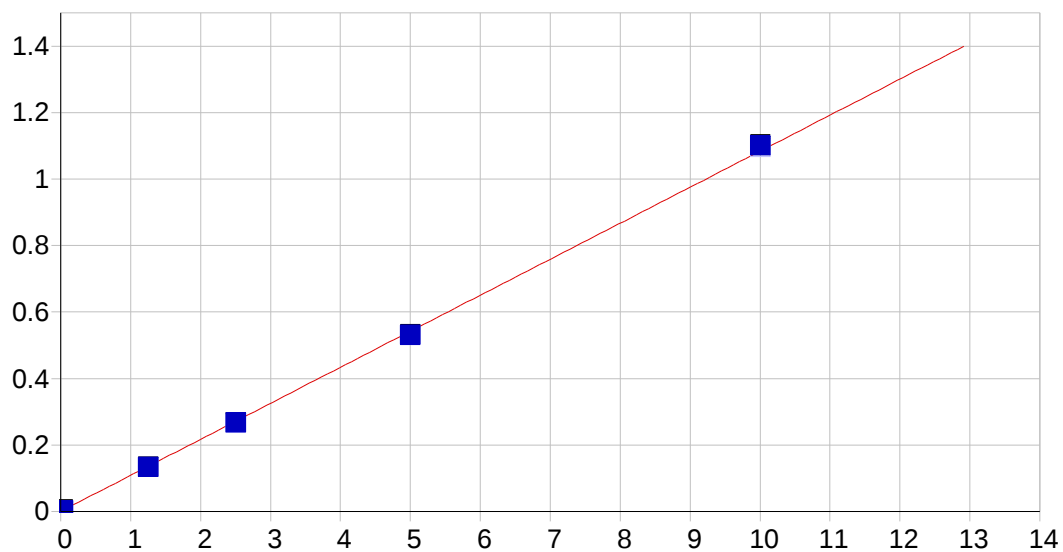


Pb 220.353 {453}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.147422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001450
 Predicted MQL: 0.004832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01030	.000	3.02	.00140	.000	1
S2	6.2500	6.4590	.209	3.34	.95235	.002	1
S3	12.500	12.759	.259	2.07	1.8813	.003	1
S4	25.000	25.103	.103	.413	3.7017	.012	1
S5	50.000	49.429	-.571	-1.14	7.2889	.014	1

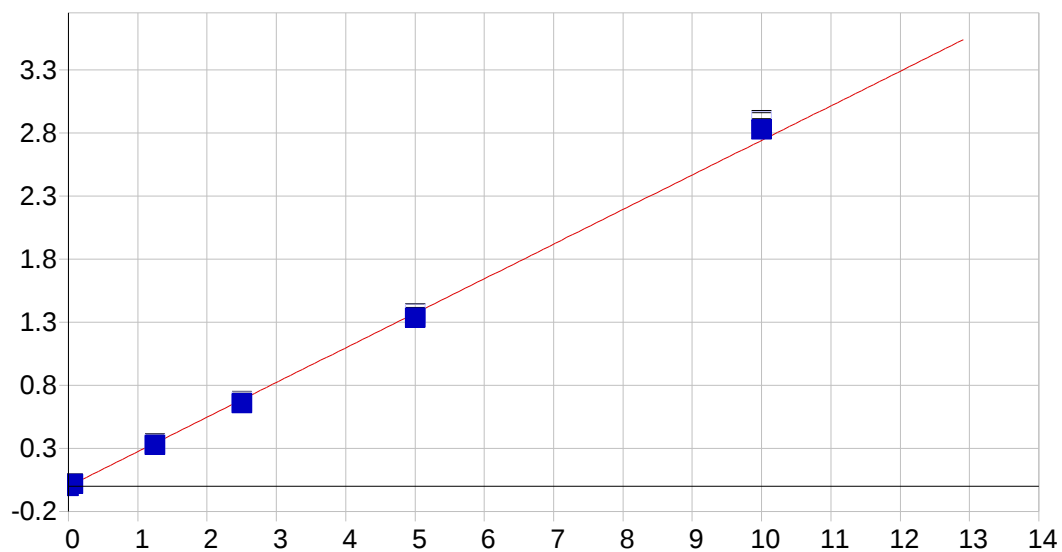


Se 196.090 {472}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000367 Re-Slope: 1.000000
 A1 (Gain): 0.108354 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.002230
 Predicted MQL: 0.007434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.03500	.03378	-.001	-3.49	.00402	.000	1
S2	1.2500	1.2347	-.015	-1.22	.13365	.000	1
S3	2.5000	2.4583	-.042	-1.67	.26573	.001	1
S4	5.0000	4.9077	-.092	-1.85	.53013	.000	1
S5	10.000	10.151	.151	1.51	1.0962	.003	1

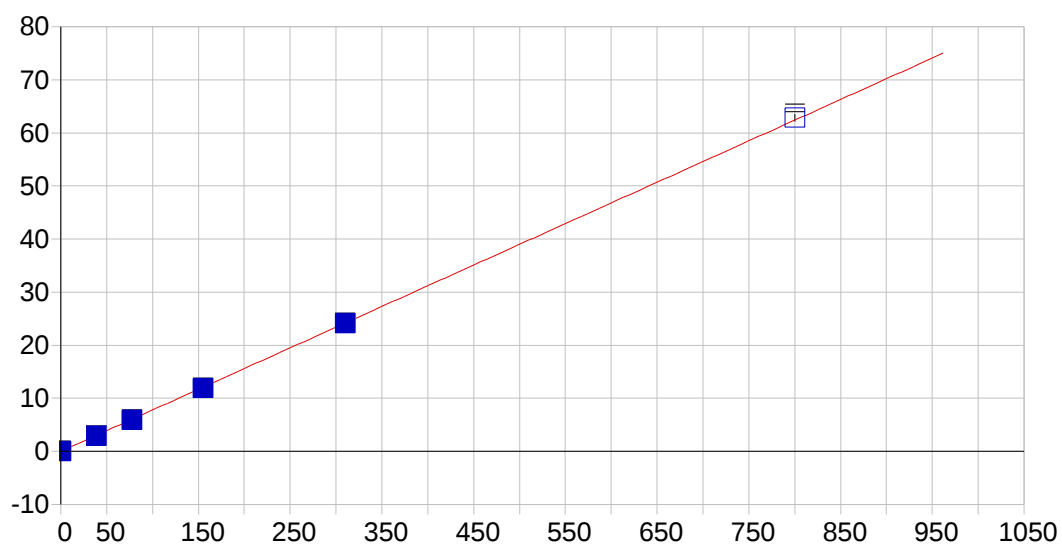


Sb 206.833 {463}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.273943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999476 Status: OK.
 Std Error of Est: 0.000373
 Predicted MDL: 0.001064
 Predicted MQL: 0.003546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00012	.000	1
S1	.06000	.05672	-.003	-5.46	.01565	.000	1
S2	1.2500	1.1911	-.059	-4.72	.33463	.002	1
S3	2.5000	2.3897	-.110	-4.41	.67121	.003	1
S4	5.0000	4.8673	-.133	-2.65	1.3664	.004	1
S5	10.000	10.305	.305	3.05	2.8890	.010	1

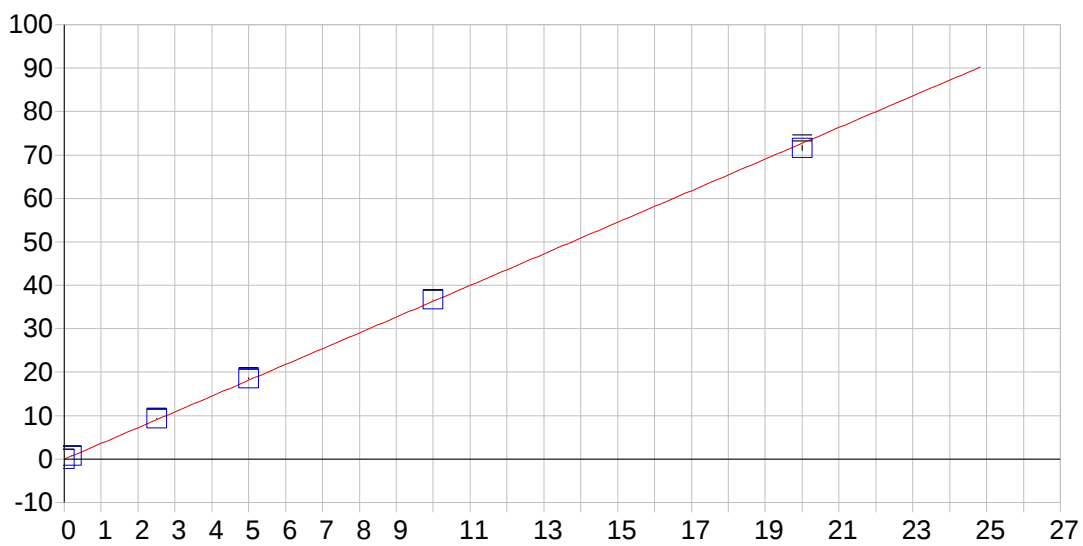


AI 396.152 { 85}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.077989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000512
 Predicted MDL: 0.006014
 Predicted MQL: 0.020046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00023	.000	1
S1	.20000	.19432	-.006	-2.84	.01541	.000	1
S2	38.750	37.956	-.794	-2.05	2.9641	.034	1
S3	77.500	75.708	-1.79	-2.31	5.9119	.073	1
S4	155.00	152.16	-2.84	-1.83	11.882	.017	1
S5	310.00	309.53	-.474	-.153	24.169	.063	1
S6	800.00	805.91	5.91	.739	62.853	.769	1

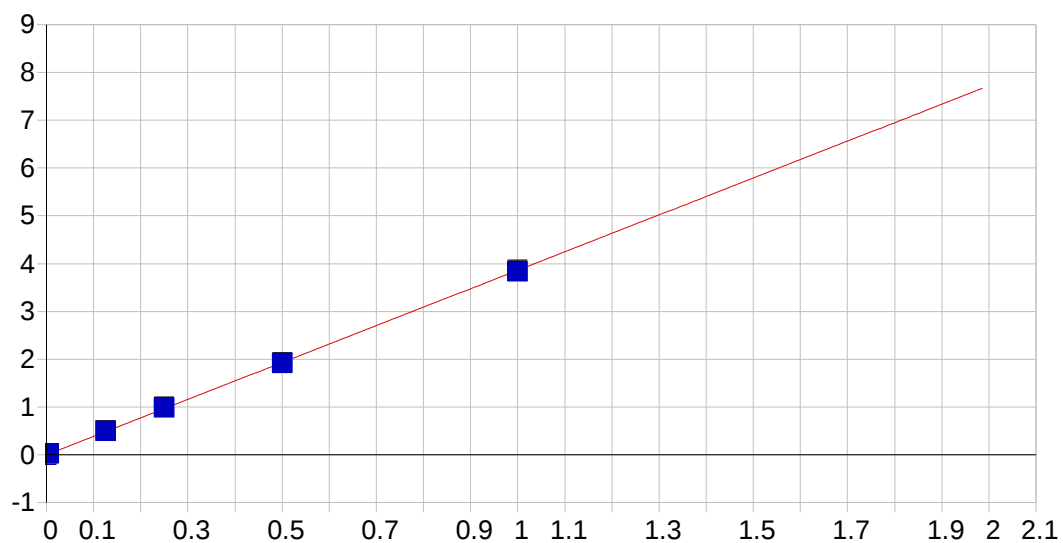


Ba 493.409 { 68}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.035842 Re-Slope: 1.000000
 A1 (Gain): 3.636144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.006235
 Predicted MDL: 0.000455
 Predicted MQL: 0.001516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.03588	.001	1
S1	.20000	.20053	.001	.264	.69331	.004	1
S2	2.5000	2.5709	.071	2.84	9.3124	.111	1
S3	5.0000	5.1169	.117	2.34	18.570	.205	1
S4	10.000	10.098	.098	.981	36.682	.069	1
S5	20.000	19.714	-.286	-1.43	71.645	.744	1

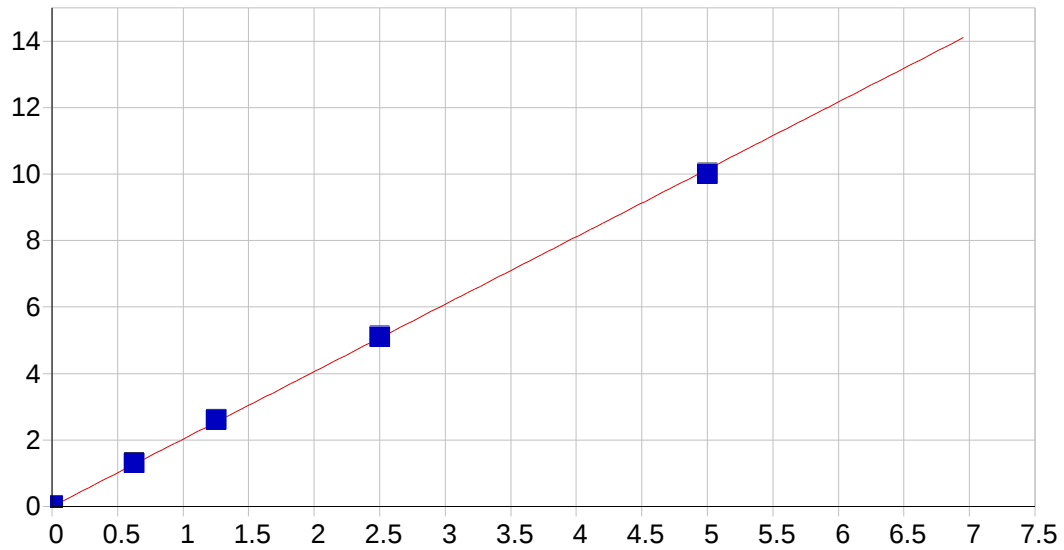


Be 234.861 {144}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001203 Re-Slope: 1.000000
 A1 (Gain): 3.861928 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000068
 Predicted MQL: 0.000226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.00500	.00525	.000	4.92	.01904	.000	1
S2	.12500	.12927	.004	3.41	.49640	.004	1
S3	.25000	.25470	.005	1.88	.97920	.014	1
S4	.50000	.49638	-.004	-.723	1.9093	.012	1
S5	1.0000	.99440	-.006	-.560	3.8261	.025	1

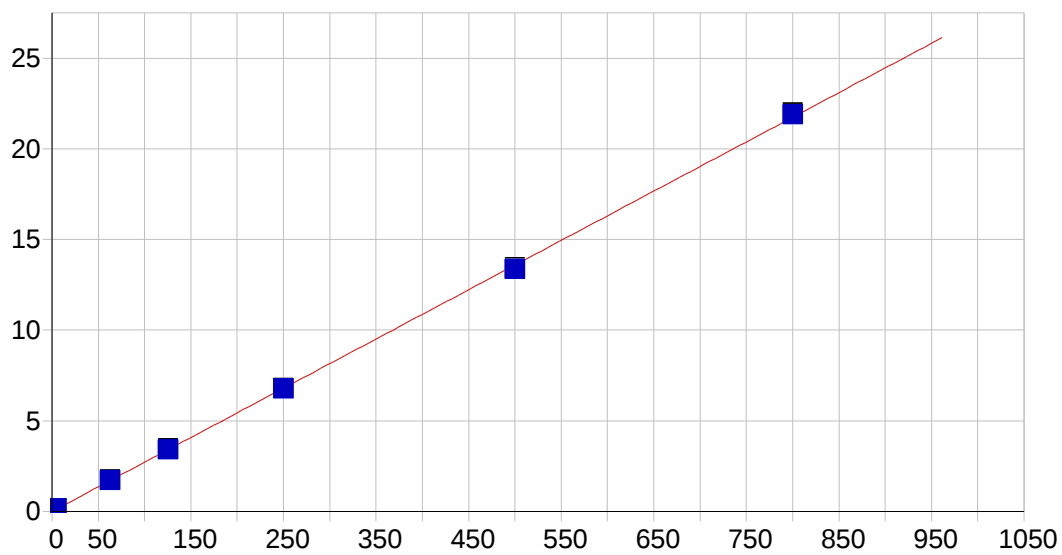


Cd 214.438 {457}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 2.027994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.000084
 Predicted MQL: 0.000281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.00500	.00492	.000	-1.56	.01038	.000	1
S2	.62500	.64420	.019	3.07	1.3090	.003	1
S3	1.2500	1.2853	.035	2.82	2.6113	.008	1
S4	2.5000	2.5160	.016	.638	5.1116	.018	1
S5	5.0000	4.9297	-.070	-1.41	10.015	.017	1

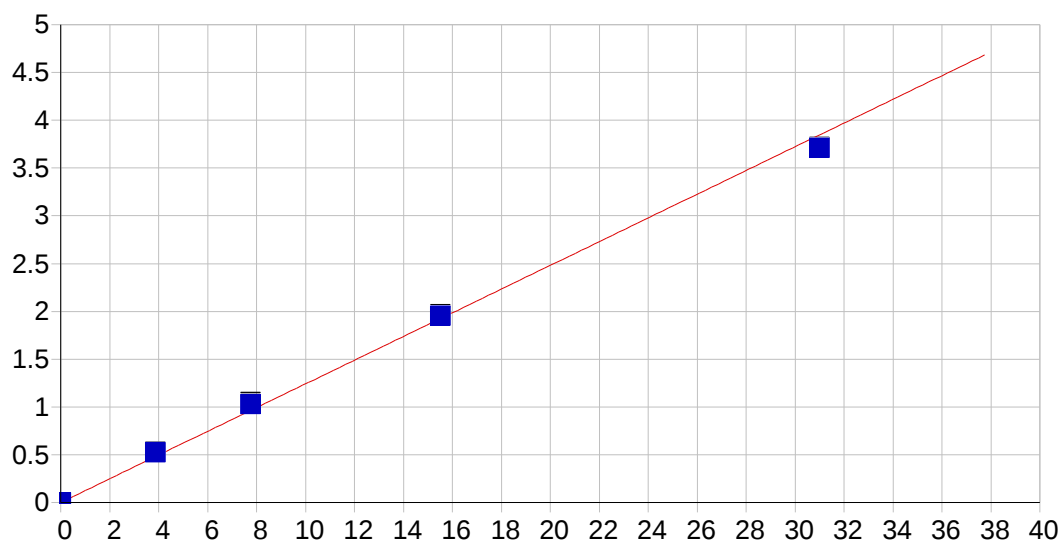


Ca 373.690 { 90}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000975 Re-Slope: 1.000000
 A1 (Gain): 0.027176 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000994
 Predicted MDL: 0.012053
 Predicted MQL: 0.040175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	.000	.000	.00097	.000	1
S1	5.0000	5.0092	.009	.183	.13710	.001	1
S2	62.500	63.759	1.26	2.01	1.7316	.010	1
S3	125.00	125.92	.917	.734	3.4188	.044	1
S4	250.00	249.34	-.663	-.265	6.7687	.016	1
S5	500.00	492.49	-7.51	-1.50	13.368	.077	1
S6	800.00	805.99	5.99	.749	21.860	.102	1

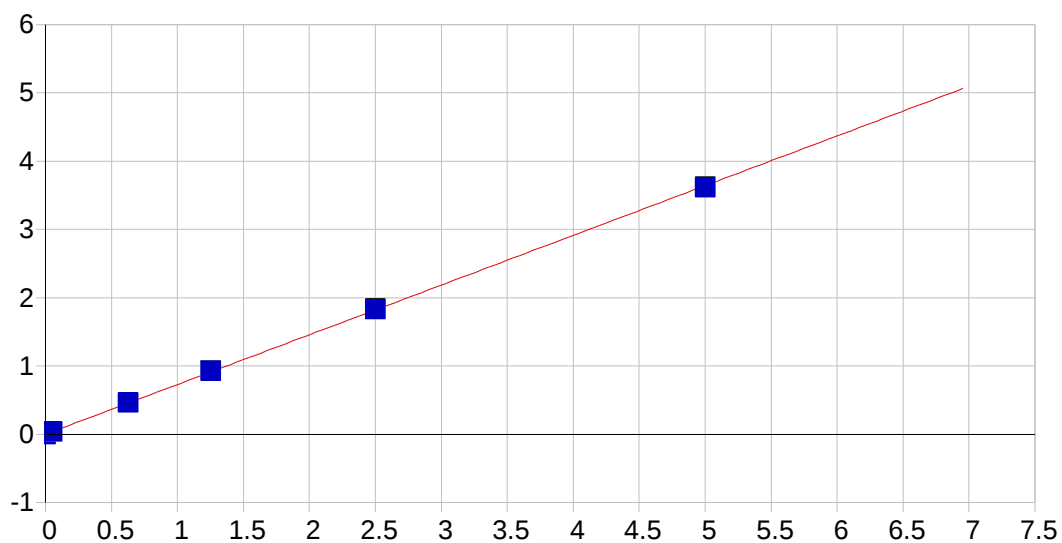


Cr 267.716 {126}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.124068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999043 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000431
 Predicted MQL: 0.001436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01085	.001	8.54	.00139	.000	1
S2	3.8750	4.2238	.349	9.00	.52531	.002	1
S3	7.7500	8.2782	.528	6.82	1.0296	.018	1
S4	15.500	15.745	.245	1.58	1.9585	.011	1
S5	31.000	29.877	-1.12	-3.62	3.7167	.005	1

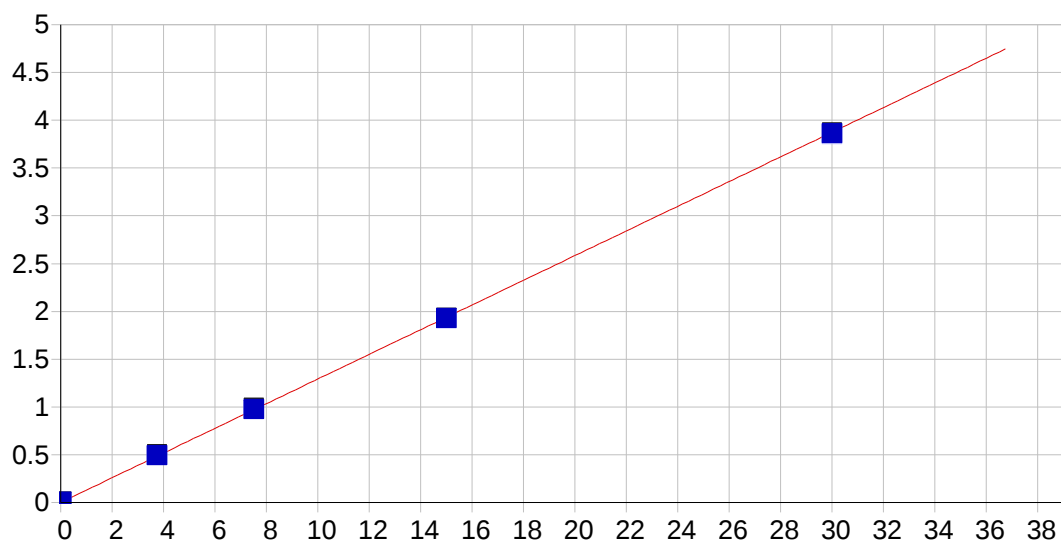


Co 228.616 {448}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.728429 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.000236
 Predicted MQL: 0.000788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.05000	.04709	-.003	-5.82	.03422	.000	1
S2	.62500	.63473	.010	1.56	.46310	.002	1
S3	1.2500	1.2720	.022	1.76	.92828	.003	1
S4	2.5000	2.5113	.011	.453	1.8329	.005	1
S5	5.0000	4.9598	-.040	-.803	3.6203	.011	1

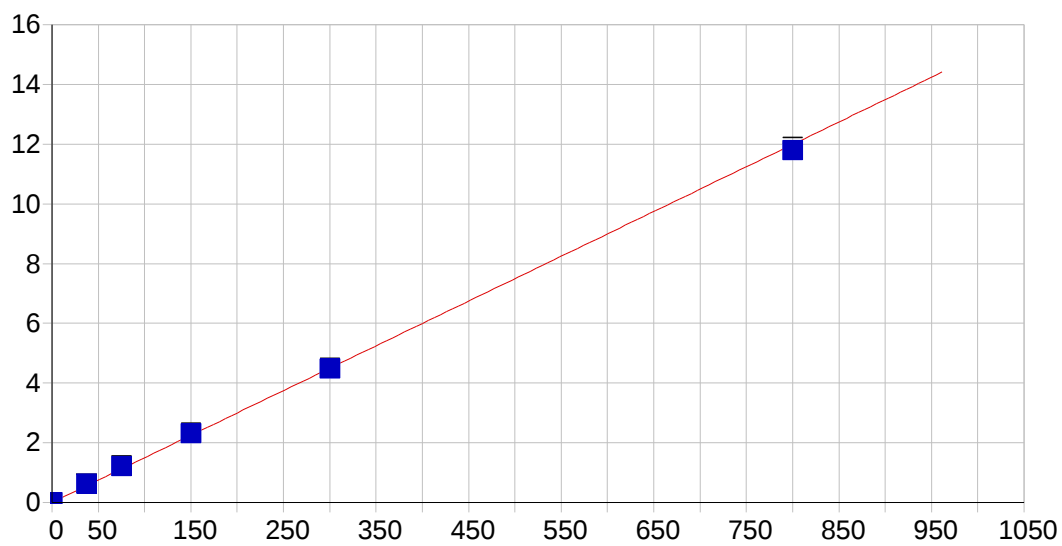


Cu 324.754 {104}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000976 Re-Slope: 1.000000
 A1 (Gain): 0.129110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001764
 Predicted MQL: 0.005879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.02500	.02522	.000	.870	.00421	.000	1
S2	3.7500	3.8342	.084	2.25	.49463	.006	1
S3	7.5000	7.5689	.069	.919	.97543	.012	1
S4	15.000	14.936	-.064	-.427	1.9238	.001	1
S5	30.000	29.911	-.089	-.298	3.8517	.005	1

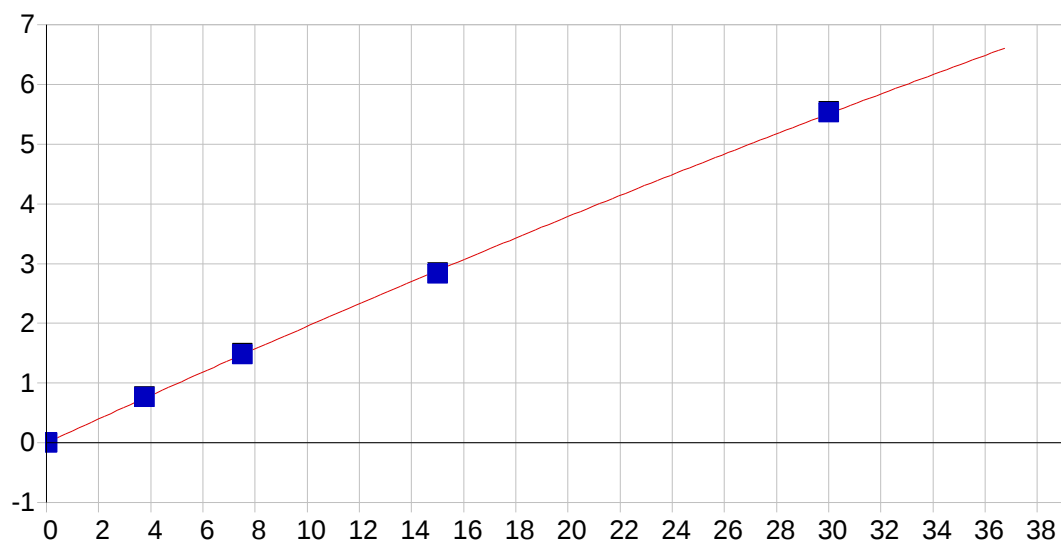


Fe 259.837 {130}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.014989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.000194
 Predicted MDL: 0.009376
 Predicted MQL: 0.031254

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.10667	.007	6.67	.00174	.000	1
S2	.37500	.41600	4.10	10.9	.62435	.007	1
S3	.75000	.80479	5.48	7.31	1.2078	.018	1
S4	150.00	154.40	4.40	2.94	2.3172	.009	1
S5	300.00	299.05	-.946	-.315	4.4881	.015	1
S6	800.00	786.95	-13.1	-1.63	11.802	.096	1

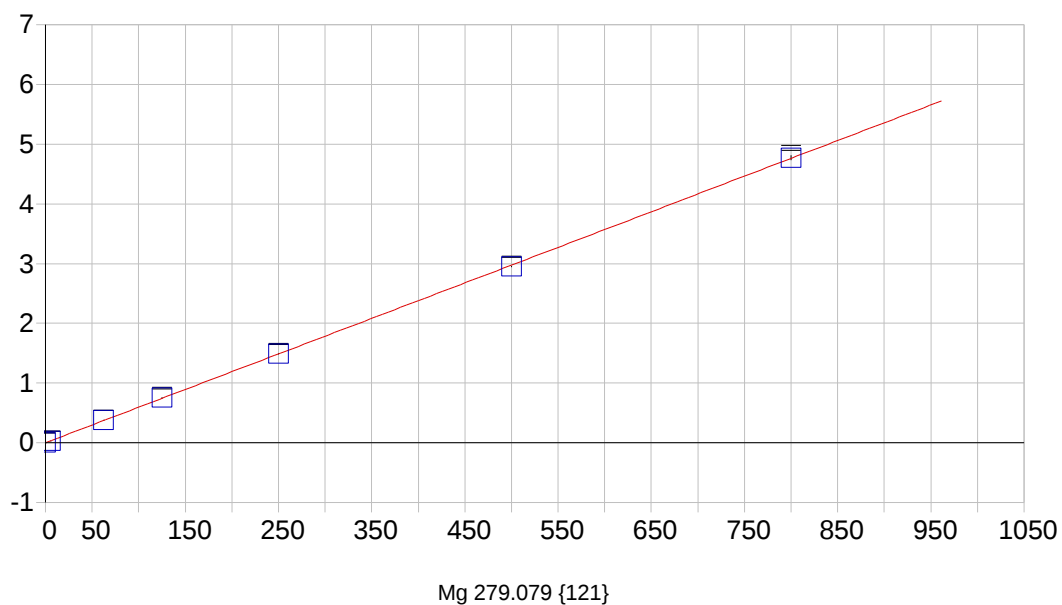


Mn 257.610 {131}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.200782 Y-int: 0.000000
 A2 (Curvature): -0.000572
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000617
 Predicted MQL: 0.002058

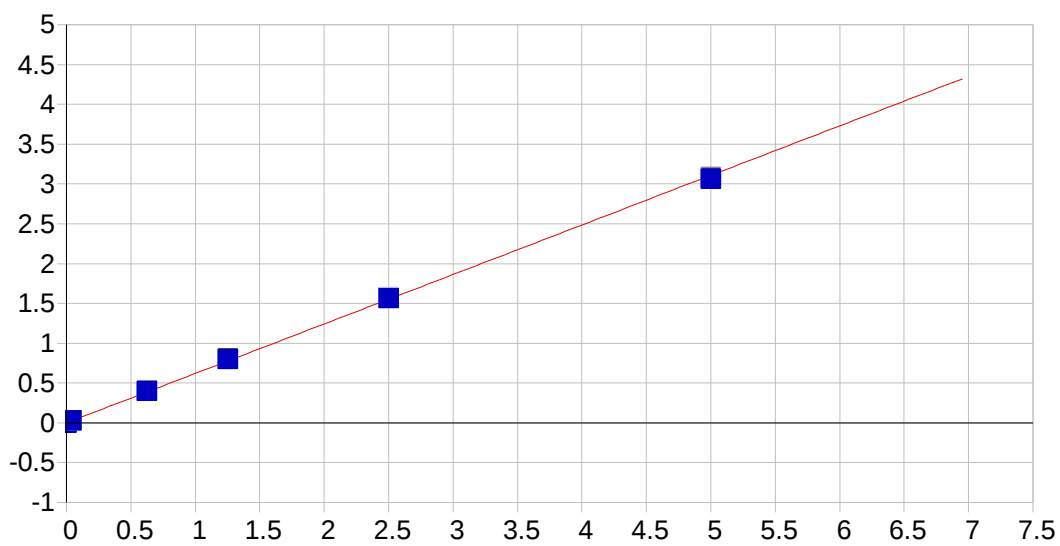
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01500	.01641	.001	9.43	.00315	.000	1
S2	3.7500	3.8656	.116	3.08	.76761	.009	1
S3	7.5000	7.5294	.029	.391	1.4795	.022	1
S4	15.000	14.735	-.265	-1.77	2.8347	.010	1
S5	30.000	30.121	.121	.404	5.5297	.020	1



Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.005952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.027677
 Predicted MQL: 0.092257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	-.00004	.000	1
S1	5.0000	5.0128	.013	.256	.02979	.000	1
S2	62.500	63.680	1.18	1.89	.37895	.003	1
S3	125.00	126.05	1.05	.841	.75016	.010	1
S4	250.00	250.00	.004	.002	1.4879	.008	1
S5	500.00	496.26	-3.74	-.748	2.9535	.009	1
S6	800.00	801.49	1.49	.186	4.7701	.043	1

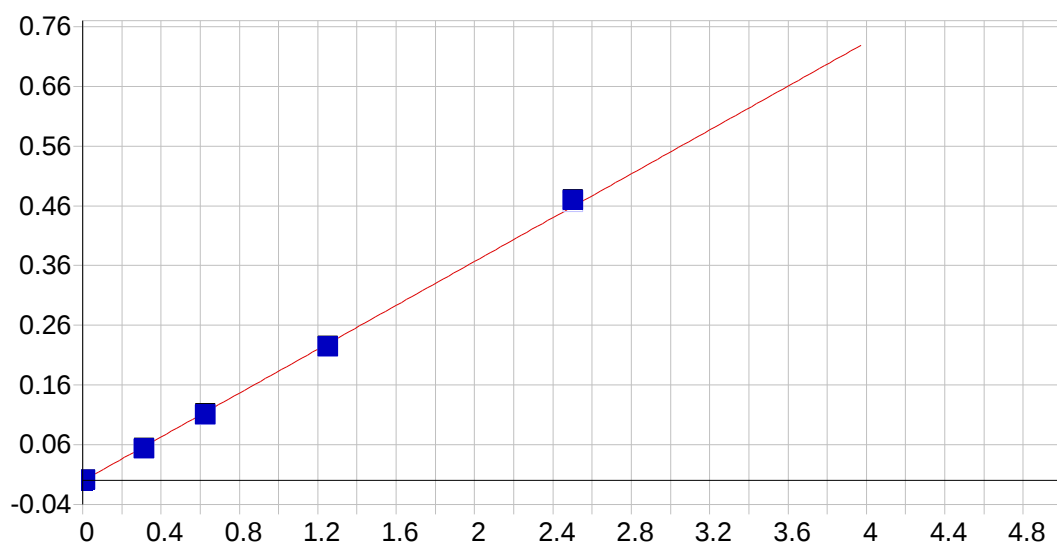


Ni 231.604 {446}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000507 Re-Slope: 1.000000
 A1 (Gain): 0.621492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.000318
 Predicted MQL: 0.001061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.04000	.03934	-.001	-1.66	.02397	.000	1
S2	.62500	.64426	.019	3.08	.40194	.001	1
S3	1.2500	1.2812	.031	2.49	.79982	.003	1
S4	2.5000	2.5191	.019	.764	1.5733	.005	1
S5	5.0000	4.9311	-.069	-1.38	3.0805	.007	1

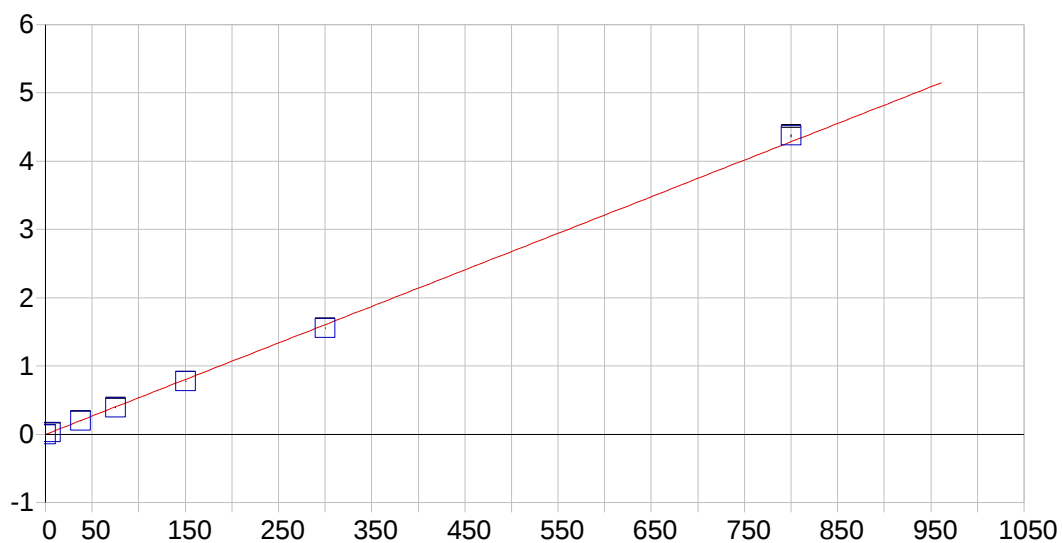


Ag 328.068 {103}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.183588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.000399
 Predicted MQL: 0.001331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.01000	.00951	.000	-4.86	.00128	.000	1
S2	.31250	.29606	-.016	-5.26	.05350	.000	1
S3	.62500	.60525	-.020	-3.16	.10988	.002	1
S4	1.2500	1.2264	-.024	-1.89	.22313	.000	1
S5	2.5000	2.5603	.060	2.41	.46645	.001	1

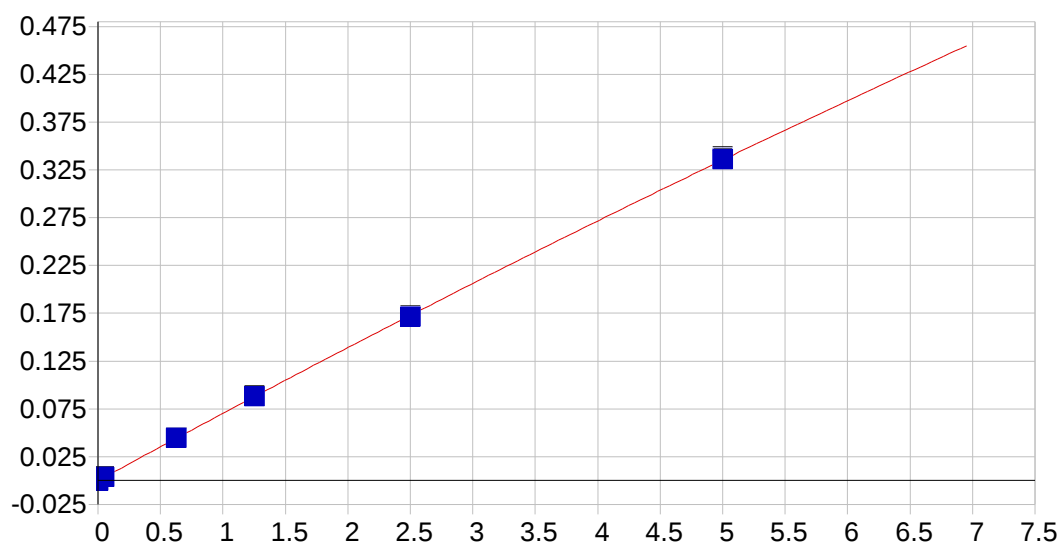


Na 818.326 { 41}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001976 Re-Slope: 1.000000
 A1 (Gain): 0.005357 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000416
 Predicted MDL: 0.156748
 Predicted MQL: 0.522493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00197	.000	1
S1	5.0000	4.9991	-.001	-.019	.02480	.001	1
S2	37.500	37.065	-.435	-1.16	.19658	.003	1
S3	75.000	73.147	-1.85	-2.47	.38988	.006	1
S4	150.00	144.87	-5.13	-3.42	.77409	.001	1
S5	300.00	290.73	-9.27	-3.09	1.5555	.003	1
S6	800.00	816.70	16.7	2.09	4.3731	.023	1

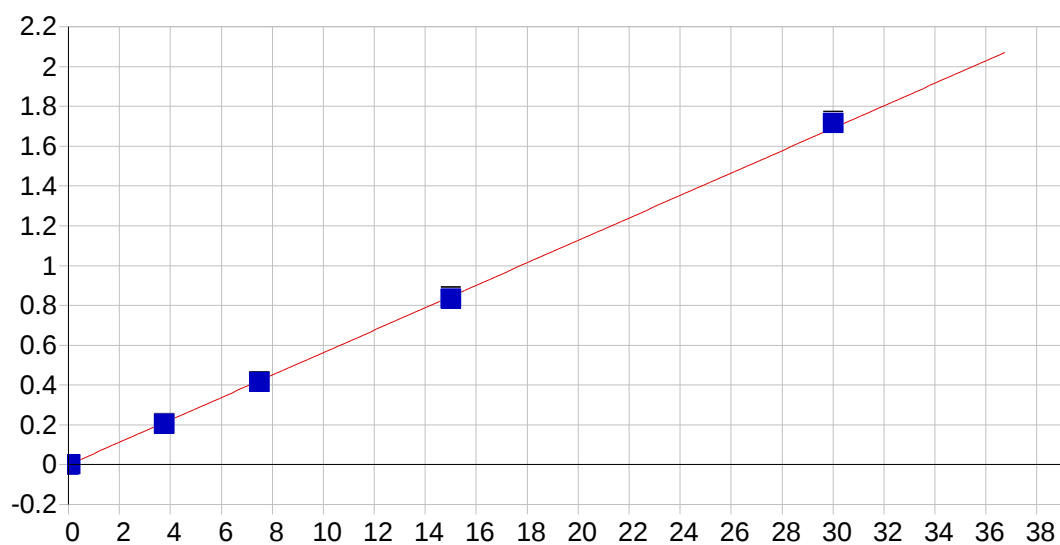


V 292.402 {115}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.071329 Y-int: 0.000000
 A2 (Curvature): -0.000846
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002643
 Predicted MQL: 0.008808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.05000	.05561	.006	11.2	.00382	.000	1
S2	.62500	.63225	.007	1.16	.04479	.000	1
S3	1.2500	1.2516	.002	.125	.08817	.001	1
S4	2.5000	2.4725	-.027	-1.10	.17178	.000	1
S5	5.0000	5.0132	.013	.263	.33764	.001	1

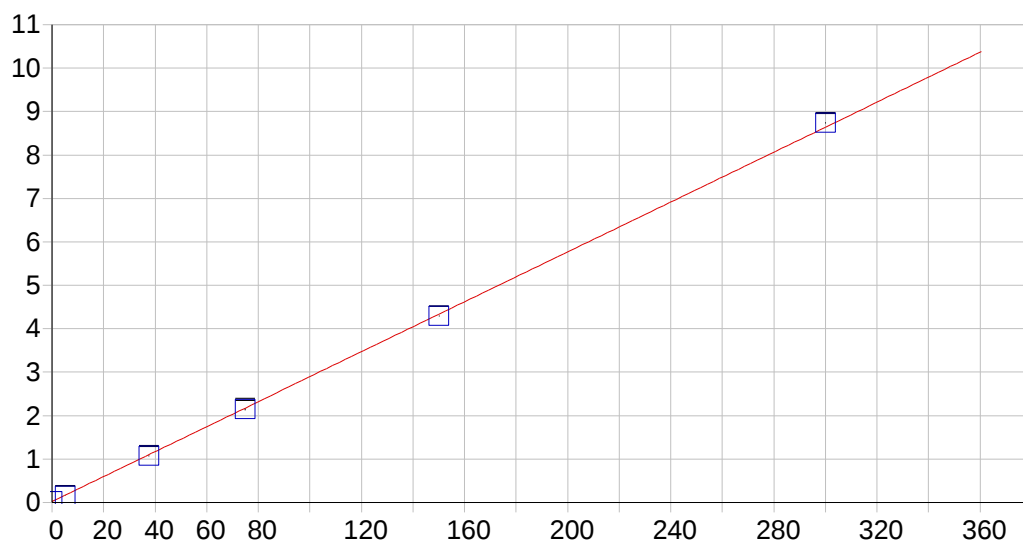


Zn 213.856 {158}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000781 Re-Slope: 1.000000
 A1 (Gain): 0.056362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.007668
 Predicted MQL: 0.025561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00078	.000	1
S1	.06000	.05474	-.005	-8.76	.00232	.000	1
S2	3.7500	3.6506	-.099	-2.65	.20548	.002	1
S3	7.5000	7.3449	-.155	-2.07	.41421	.004	1
S4	15.000	14.817	-.183	-1.22	.83638	.007	1
S5	30.000	30.442	.442	1.47	1.7191	.008	1

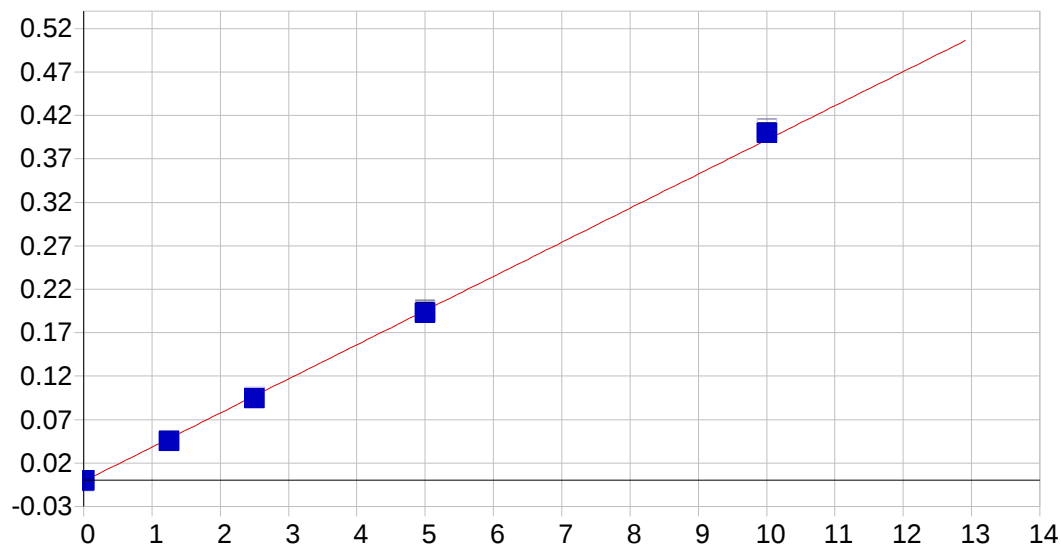


K 769.896 { 44}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022790 Re-Slope: 1.000000
 A1 (Gain): 0.028730 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000776
 Predicted MDL: 0.031068
 Predicted MQL: 0.103559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.02280	.000	1
S1	5.0000	4.6877	-.312	-6.25	.15747	.002	1
S2	37.500	36.767	-.733	-1.96	1.0791	.013	1
S3	75.000	73.980	-1.02	-1.36	2.1483	.028	1
S4	150.00	148.68	-1.32	-.879	4.2944	.003	1
S5	300.00	303.38	3.38	1.13	8.7391	.015	1

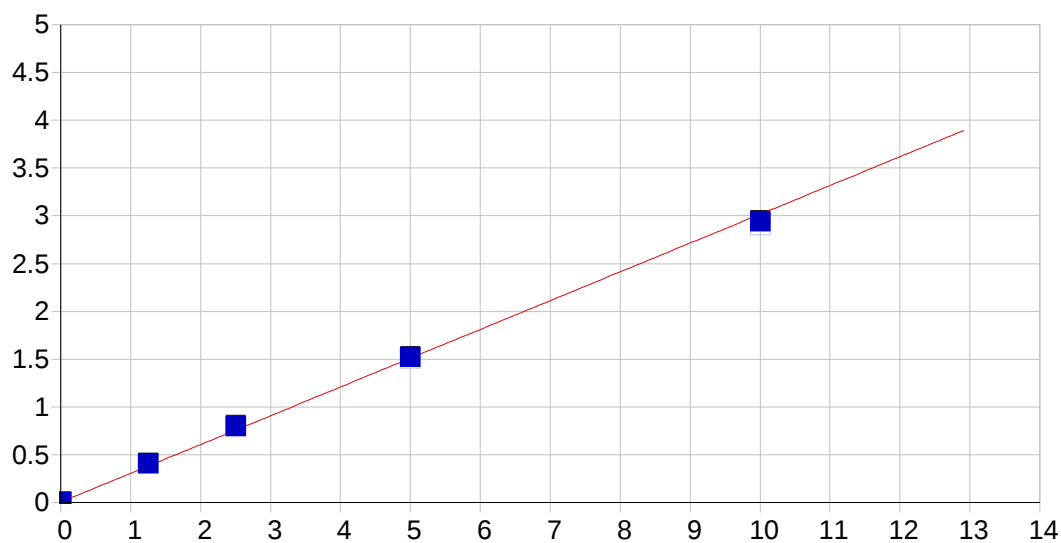


P 177.495 {490}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001009 Re-Slope: 1.000000
 A1 (Gain): 0.039285 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002193
 Predicted MQL: 0.007311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.01000	.01187	.002	18.7	-.00053	.000	1
S2	1.2500	1.1772	-.073	-5.82	.04587	.000	1
S3	2.5000	2.4272	-.073	-2.91	.09562	.000	1
S4	5.0000	4.9391	-.061	-1.22	.19557	.000	1
S5	10.000	10.205	.205	2.05	.40496	.000	1

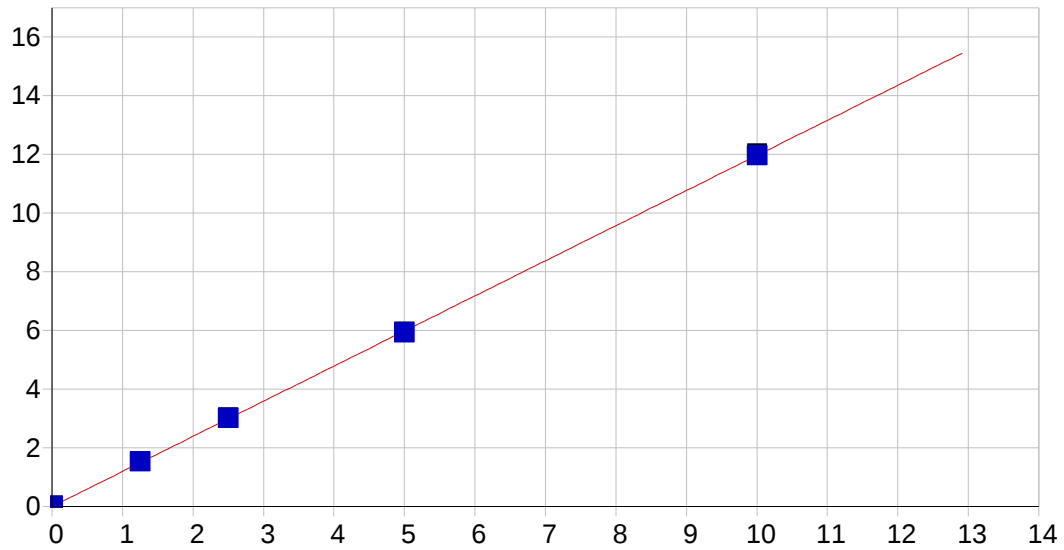


B 249.678 {135}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003829 Re-Slope: 1.000000
 A1 (Gain): 0.301222 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999410 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.001331
 Predicted MQL: 0.004436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00383	.000	1
S1	.01000	.00754	-.002	-24.6	.00611	.000	1
S2	1.2500	1.3405	.091	7.24	.40290	.004	1
S3	2.5000	2.6353	.135	5.41	.78821	.011	1
S4	5.0000	5.0381	.038	.762	1.5025	.007	1
S5	10.000	9.7386	-.261	-2.61	2.8996	.015	1

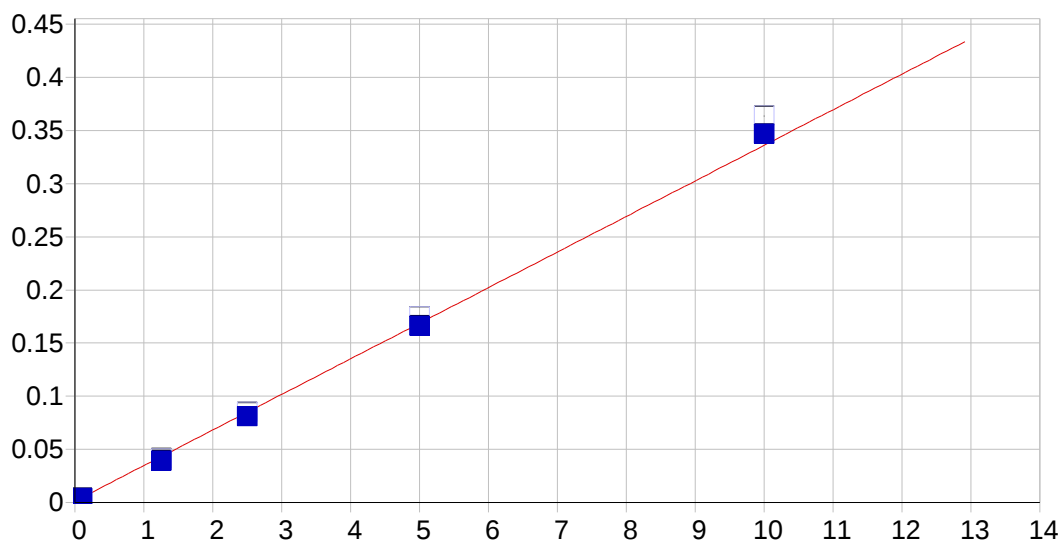


Mo 202.030 {467}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 1.196776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.000223
 Predicted MQL: 0.000742

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.01000	.01012	.000	1.24	.01254	.000	1
S2	1.2500	1.2770	.027	2.16	1.5301	.003	1
S3	2.5000	2.5189	.019	.754	3.0176	.005	1
S4	5.0000	4.9554	-.045	-.892	5.9363	.015	1
S5	10.000	9.9986	-.001	-.014	11.977	.039	1

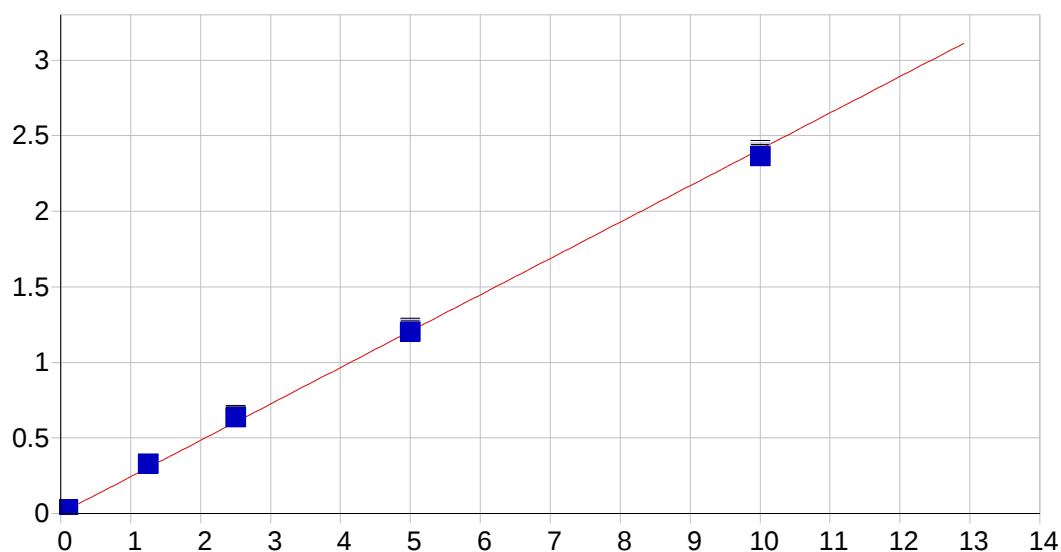


S 182.034 {485}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001233 Re-Slope: 1.000000
 A1 (Gain): 0.033495 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999296 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.003016
 Predicted MQL: 0.010053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00123	.000	1
S1	.10000	.08460	-.015	-15.4	.00407	.000	1
S2	1.2500	1.1388	-.111	-8.90	.04151	.000	1
S3	2.5000	2.3774	-.123	-4.91	.08512	.000	1
S4	5.0000	4.9311	-.069	-1.38	.17492	.000	1
S5	10.000	10.317	.317	3.17	.36385	.000	1

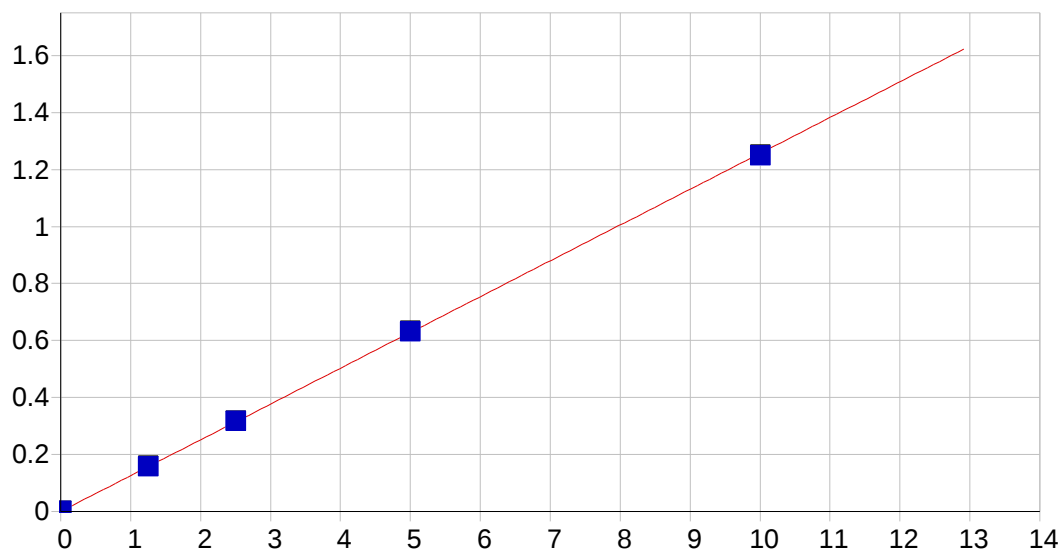


Si 251.611 {134}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002450 Re-Slope: 1.000000
 A1 (Gain): 0.240763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.000383
 Predicted MDL: 0.001080
 Predicted MQL: 0.003601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00245	.000	1
S1	.10000	.10074	.001	.744	.02679	.000	1
S2	1.2500	1.3428	.093	7.42	.32929	.003	1
S3	2.5000	2.6211	.121	4.84	.64059	.009	1
S4	5.0000	4.9869	-.013	-.263	1.2173	.009	1
S5	10.000	9.7985	-.201	-2.01	2.3899	.012	1

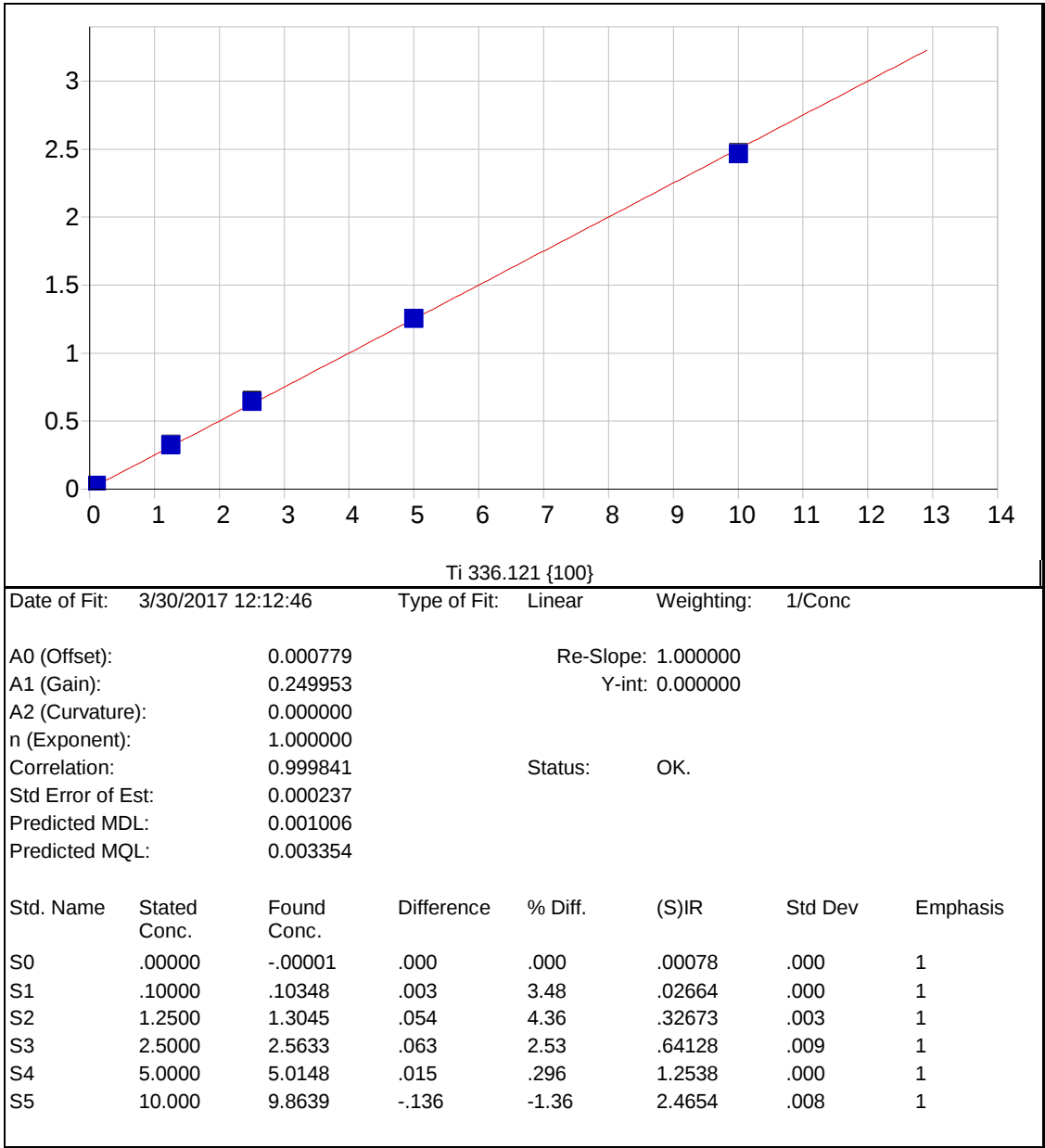


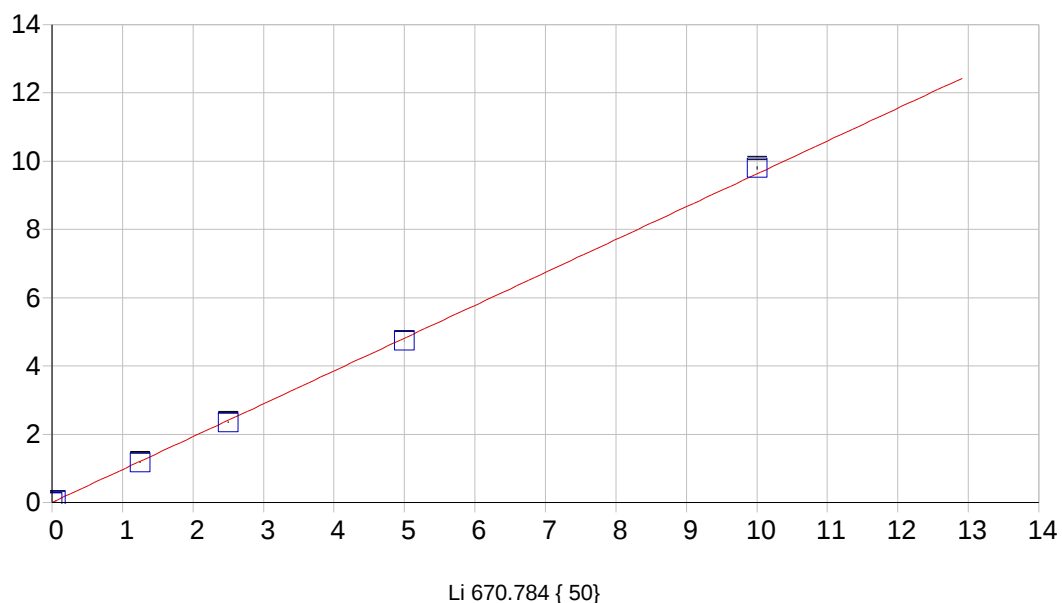
Sn 189.989 {478}

Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.125670 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.000810
 Predicted MQL: 0.002699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.00700	.00705	.000	.707	.00097	.000	1
S2	1.2500	1.2615	.012	.922	.15851	.001	1
S3	2.5000	2.5302	.030	1.21	.31783	.001	1
S4	5.0000	5.0240	.024	.480	.63097	.001	1
S5	10.000	9.9342	-.066	-.658	1.2475	.003	1

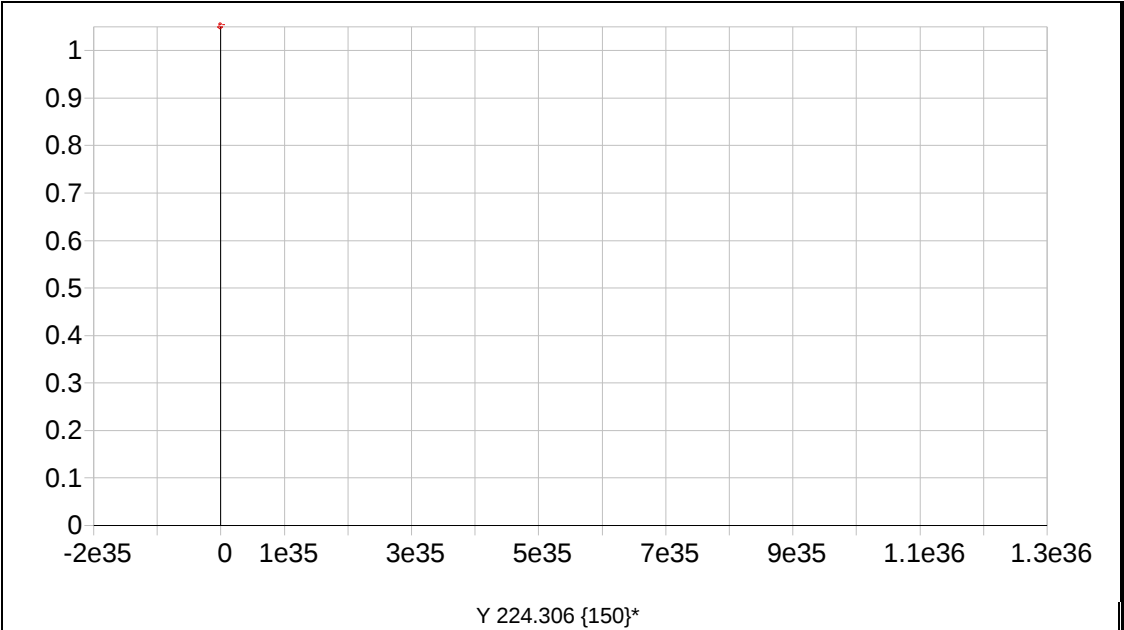




Date of Fit: 3/30/2017 12:12:46 Type of Fit: Linear Weighting: 1/Conc

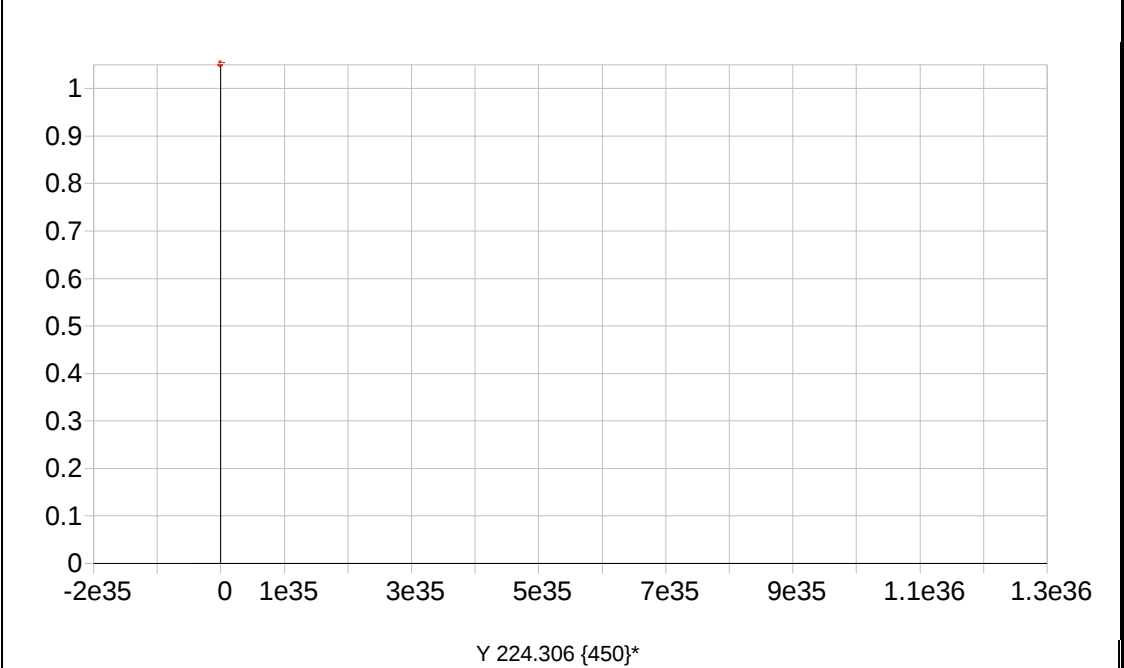
A0 (Offset): 0.003120 Re-Slope: 1.000000
 A1 (Gain): 0.962548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000724
 Predicted MDL: 0.001041
 Predicted MQL: 0.003472

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00313	.001	1
S5	10.000	10.184	.184	1.84	9.8060	.047	1
S4	5.0000	4.9146	-.085	-1.71	4.7336	.010	1
S3	2.5000	2.4352	-.065	-2.59	2.3471	.024	1
S2	1.2500	1.2196	-.030	-2.43	1.1770	.025	1
S1	.05000	.04631	-.004	-7.38	.04770	.001	1

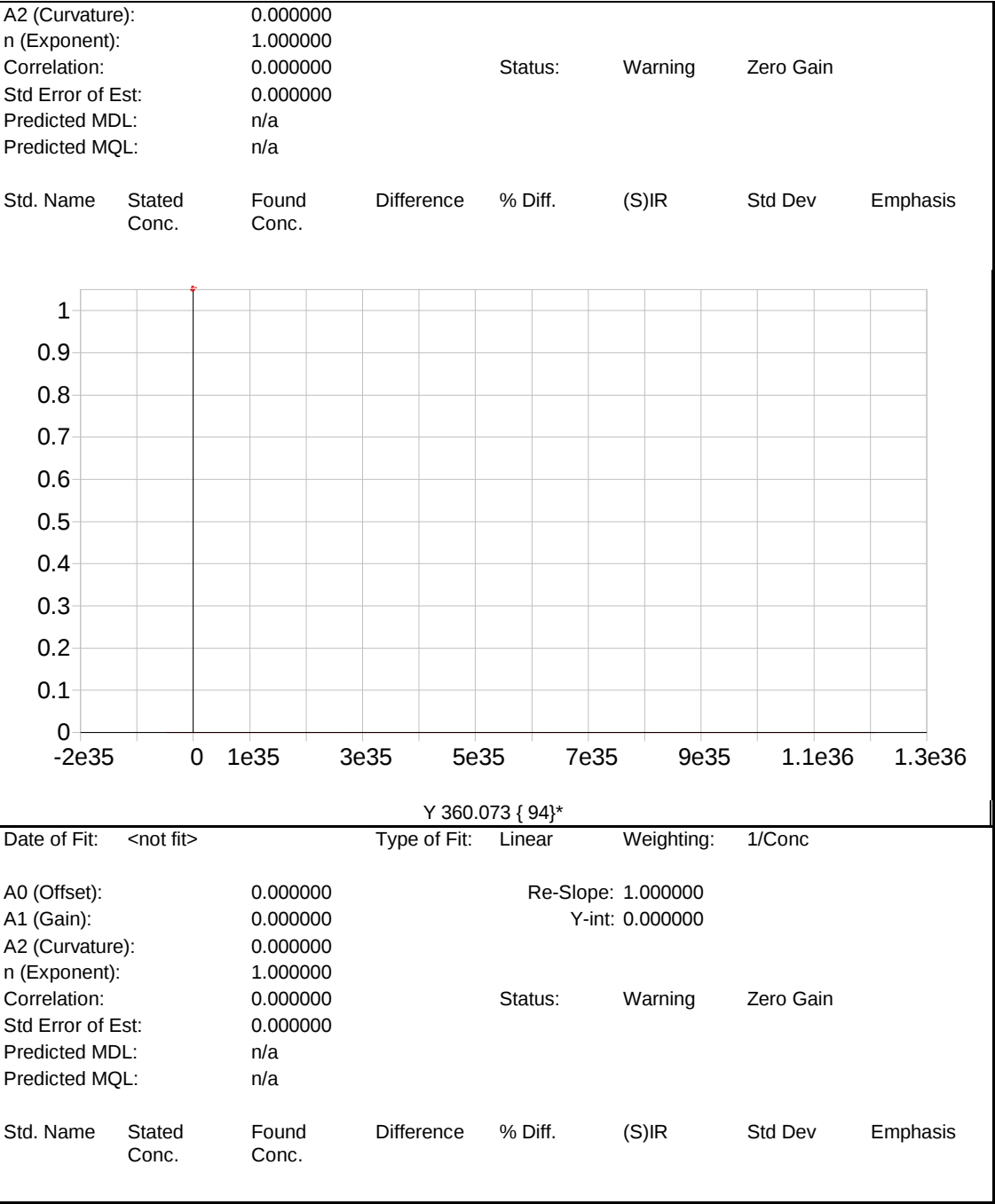


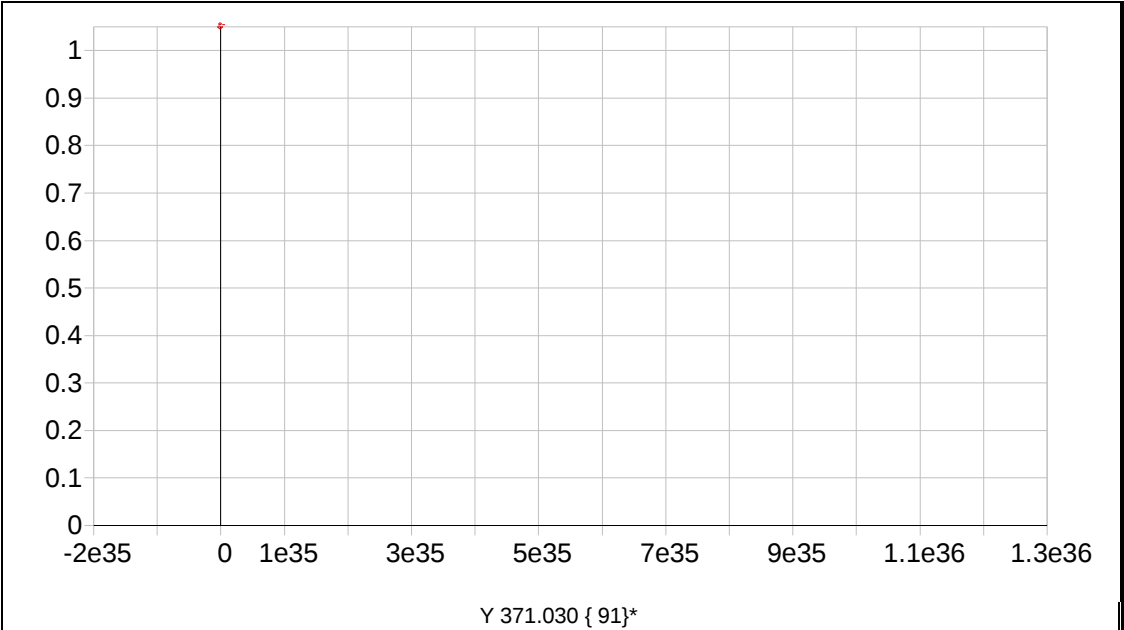
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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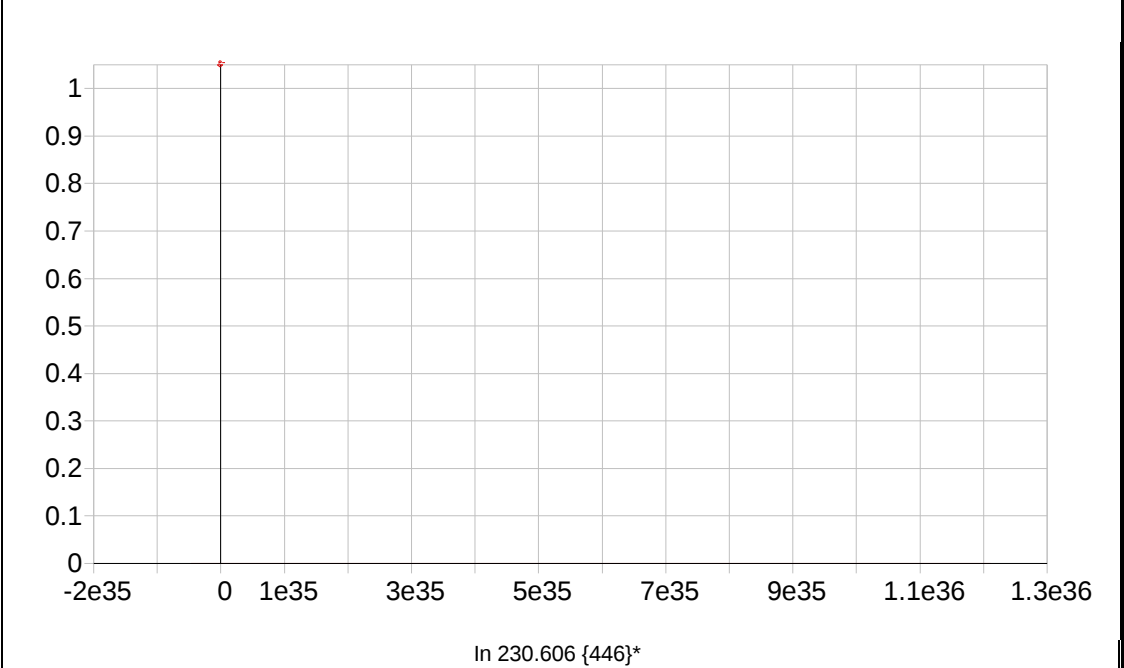
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



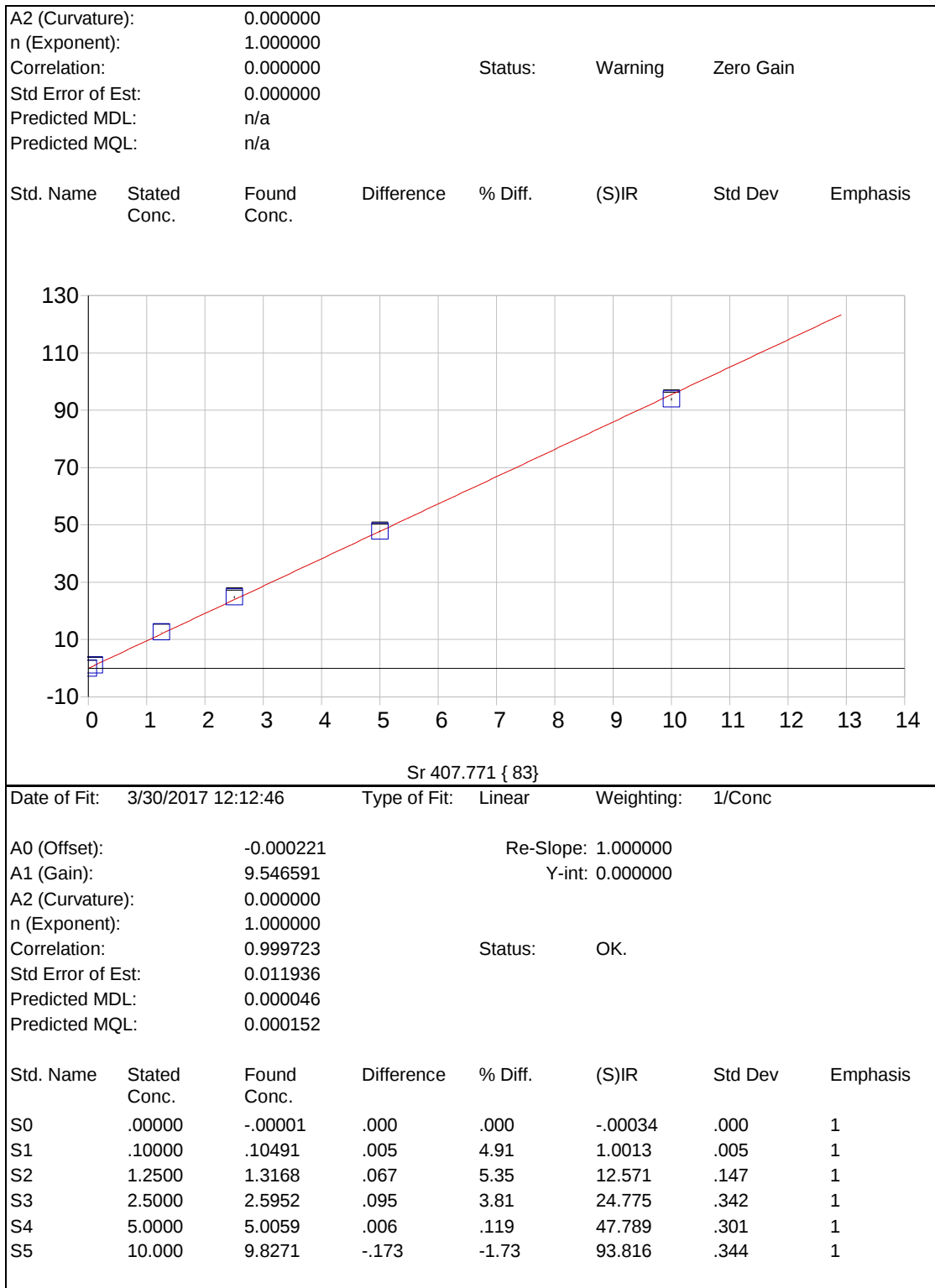


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 3/30/2017 11:37:20 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	-.00020	-.00050	-.00012	.00037	.00012	.00023	-.03588	-.00120
Stddev	.00014	.00016	.00020	.00007	.00019	.00040	.00071	.00014
%RSD	69.344	33.200	167.03	20.047	159.14	176.63	1.9921	11.628

#1	-.00028	-.00068	-.00013	.00036	.00011	-.00023	-.03529	-.00134
#2	-.00004	-.00043	.00009	.00030	-.00006	.00052	-.03567	-.00121
#3	-.00028	-.00037	-.00031	.00045	.00032	.00040	-.03667	-.00106

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	.00039	.00097	.00003	-.00021	.00098	.00013	-.00015	-.00004
Stddev	.00005	.00022	.00002	.00011	.00003	.00009	.00010	.00009
%RSD	13.576	22.167	64.775	54.171	3.0469	69.369	68.659	205.36

#1	.00037	.00079	.00005	-.00008	.00099	.00003	-.00009	-.00004
#2	.00036	.00092	.00003	-.00030	.00100	.00020	-.00027	.00005
#3	.00045	.00121	.00001	-.00025	.00094	.00015	-.00010	-.00014

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	-.00051	-.00046	-.00197	-.00015	-.00078	.02280	-.00101	.00383
Stddev	.00003	.00005	.00047	.00011	.00044	.00039	.00007	.00008
%RSD	6.1683	10.382	24.046	70.374	56.062	1.6947	6.8342	2.1463

#1	-.00050	-.00045	-.00145	-.00015	-.00079	.02306	-.00093	.00392
#2	-.00048	-.00051	-.00237	-.00026	-.00034	.02236	-.00103	.00380
#3	-.00054	-.00041	-.00210	-.00005	-.00122	.02299	-.00106	.00377

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	.00039	.00123	.00245	.00010	.00078	.00313	-.00034	
Stddev	.00019	.00010	.00020	.00008	.00016	.00055	.00008	
%RSD	48.902	7.7640	8.2322	85.980	20.607	17.550	23.714	

#1	.00049	.00123	.00248	.00015	.00088	.00354	-.00042	
#2	.00017	.00114	.00223	.00014	.00086	.00334	-.00034	
#3	.00052	.00133	.00263	.00000	.00059	.00250	-.00026	

Sample Name: S0 Acquired: 3/30/2017 11:37:20 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1819.0	2001.7	56706.	8725.3	3922.0
Stddev	14.4	34.3	267.	28.5	74.5
%RSD	.79089	1.7159	.47094	.32647	1.9000
#1	1804.5	2004.2	56471.	8703.7	3920.0
#2	1819.4	2034.6	56651.	8714.6	3997.5
#3	1833.2	1966.1	56997.	8757.5	3848.5

Sample Name: S1 Acquired: 3/30/2017 11:41:30 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.00029	.00114	.00140	.00402	.01565	.01541	.69331	.01904
Stddev	.00010	.00009	.00010	.00017	.00010	.00048	.00384	.00020
%RSD	34.291	8.0721	6.8696	4.1522	.61252	3.0953	.55387	1.0611

#1	.00037	.00116	.00134	.00384	.01555	.01569	.69065	.01896
#2	.00031	.00122	.00134	.00408	.01573	.01486	.69771	.01890
#3	.00018	.00104	.00151	.00416	.01568	.01569	.69156	.01927

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	.01038	.13710	.00139	.03422	.00421	.00174	.00315	.02979
Stddev	.00007	.00096	.00005	.00014	.00002	.00001	.00011	.00041
%RSD	.71444	.69998	3.8128	.41291	.35898	.60936	3.3736	1.3690

#1	.01044	.13610	.00142	.03406	.00423	.00175	.00302	.02962
#2	.01030	.13801	.00142	.03428	.00420	.00174	.00320	.03026
#3	.01040	.13719	.00133	.03433	.00420	.00173	.00321	.02949

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	.02397	.00128	.02480	.00382	.00232	.15747	-.00053	.00611
Stddev	.00007	.00005	.00140	.00019	.00021	.00210	.00010	.00028
%RSD	.28134	3.6629	5.6299	4.8573	8.9444	1.3346	17.795	4.5860

#1	.02401	.00134	.02591	.00384	.00223	.15727	-.00064	.00636
#2	.02389	.00126	.02527	.00400	.00255	.15966	-.00049	.00616
#3	.02402	.00125	.02323	.00363	.00217	.15547	-.00047	.00580

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	.01254	.00407	.02679	.00097	.02664	.04770	1.0013	
Stddev	.00025	.00006	.00009	.00009	.00026	.00065	.0047	
%RSD	1.9763	1.3585	.33795	8.8230	.98977	1.3689	.47230	

#1	.01230	.00413	.02686	.00105	.02646	.04823	1.0013	
#2	.01252	.00406	.02682	.00088	.02694	.04789	1.0060	
#3	.01279	.00403	.02669	.00099	.02651	.04697	.99650	

Sample Name: S1 Acquired: 3/30/2017 11:41:30 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1799.4	1974.7	56029.	8735.1	3816.0
Stddev	11.6	3.5	134.	35.4	4.2
%RSD	.64305	.17843	.23855	.40488	.10957
#1	1798.9	1973.1	55876.	8744.5	3813.4
#2	1788.2	1972.2	56088.	8696.0	3820.9
#3	1811.3	1978.7	56123.	8764.8	3813.9

Sample Name: S2 Acquired: 3/30/2017 11:45:39 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.07022	.08313	.95235	.13365	.33463	2.9641	9.3124	.49640
Stddev	.00032	.00007	.00236	.00010	.00231	.0336	.1112	.00418
%RSD	.45854	.08371	.24800	.07537	.68908	1.1330	1.1944	.84174

#1	.07045	.08317	.95047	.13377	.33327	2.9826	9.4091	.49527
#2	.06985	.08305	.95157	.13359	.33333	2.9843	9.3374	.50103
#3	.07035	.08316	.95500	.13360	.33729	2.9253	9.1908	.49290

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3090	1.7316	.52531	.46310	.49463	.62435	.76761	.37895
Stddev	.0029	.0104	.00203	.00165	.00556	.00687	.00943	.00272
%RSD	.22568	.59760	.38566	.35678	1.1251	1.1005	1.2291	.71646

#1	1.3057	1.7337	.52505	.46174	.49844	.62493	.76732	.38012
#2	1.3114	1.7408	.52745	.46261	.49720	.63090	.77719	.38089
#3	1.3100	1.7204	.52343	.46494	.48824	.61720	.75833	.37585

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	.40194	.05350	.19658	.04479	.20548	1.0791	.04587	.40290
Stddev	.00109	.00025	.00265	.00050	.00164	.0129	.00003	.00364
%RSD	.27142	.46007	1.3489	1.1110	.79714	1.1957	.07254	.90333

#1	.40073	.05363	.19828	.04524	.20559	1.0871	.04589	.40208
#2	.40222	.05367	.19794	.04488	.20706	1.0860	.04589	.40689
#3	.40286	.05322	.19353	.04426	.20379	1.0642	.04583	.39975

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	1.5301	.04151	.32929	.15851	.32673	1.1770	12.571	
Stddev	.0032	.00017	.00277	.00076	.00312	.0249	.147	
%RSD	.20684	.40799	.84222	.47885	.95387	2.1113	1.1658	

#1	1.5287	.04131	.32856	.15815	.32754	1.1897	12.673	
#2	1.5278	.04163	.33236	.15800	.32936	1.1930	12.637	
#3	1.5337	.04158	.32696	.15938	.32329	1.1484	12.403	

Sample Name: S2 Acquired: 3/30/2017 11:45:39 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1694.5	1846.4	53170.	8677.2	3308.0
Stddev	13.1	2.5	338.	83.1	3.6
%RSD	.77479	.13526	.63533	.95770	.10926
#1	1684.1	1845.7	52841.	8660.6	3307.0
#2	1690.1	1849.2	53152.	8603.6	3312.0
#3	1709.2	1844.3	53516.	8767.3	3305.0

Sample Name: S3 Acquired: 3/30/2017 11:49:33 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.14114	.16164	1.8813	.26573	.67121	5.9119	18.570	.97920
Stddev	.00057	.00029	.0031	.00134	.00291	.0734	.205	.01401
%RSD	.40266	.17970	.16219	.50549	.43396	1.2417	1.1063	1.4306

#1	.14121	.16162	1.8817	.26719	.67438	5.9433	18.681	.97836
#2	.14053	.16136	1.8781	.26456	.66865	5.9644	18.696	.99361
#3	.14166	.16194	1.8842	.26543	.67060	5.8280	18.333	.96563

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	2.6113	3.4188	1.0296	.92828	.97543	1.2078	1.4795	.75016
Stddev	.0079	.0439	.0183	.00270	.01176	.0176	.0217	.00979
%RSD	.30198	1.2843	1.7769	.29101	1.2054	1.4568	1.4672	1.3050

#1	2.6076	3.4402	1.0224	.93007	.97824	1.2154	1.4885	.75297
#2	2.6060	3.4479	1.0504	.92517	.98553	1.2203	1.4952	.75825
#3	2.6204	3.3682	1.0160	.92959	.96252	1.1877	1.4547	.73928

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	.79982	.10988	.38988	.08817	.41421	2.1483	.09562	.78821
Stddev	.00260	.00158	.00556	.00057	.00438	.0281	.00010	.01078
%RSD	.32536	1.4409	1.4269	.64518	1.0573	1.3097	.10834	1.3676

#1	.80117	.10940	.39219	.08842	.41414	2.1630	.09553	.79486
#2	.79682	.11164	.39392	.08856	.41862	2.1660	.09573	.79400
#3	.80146	.10859	.38353	.08751	.40986	2.1158	.09559	.77578

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.0176	.08512	.64059	.31783	.64128	2.3471	24.775	
Stddev	.0047	.00019	.00882	.00054	.00865	.0244	.342	
%RSD	.15673	.22531	1.3770	.16839	1.3490	1.0388	1.3795	

#1	3.0229	.08513	.64082	.31723	.64478	2.3556	24.897	
#2	3.0139	.08531	.64930	.31825	.64763	2.3662	25.039	
#3	3.0160	.08492	.63166	.31801	.63143	2.3196	24.389	

Sample Name: S3 Acquired: 3/30/2017 11:49:33 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1621.1	1771.8	51041.	8553.8	3094.1
Stddev	17.3	6.5	654.	114.4	6.4
%RSD	1.0701	.36420	1.2807	1.3371	.20844
#1	1613.5	1764.6	51079.	8498.9	3086.9
#2	1608.8	1773.6	50369.	8477.3	3099.4
#3	1640.9	1777.1	51675.	8685.3	3095.8

Sample Name: S4 Acquired: 3/30/2017 11:53:24 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.28653	.30996	3.7017	.53013	1.3664	11.882	36.682	1.9093
Stddev	.00061	.00090	.0121	.00024	.0037	.017	.069	.0118
%RSD	.21390	.28918	.32795	.04505	.27262	.14178	.18803	.61928

#1	.28661	.30994	3.6962	.52999	1.3664	11.896	36.744	1.9113
#2	.28589	.30907	3.6934	.53040	1.3627	11.863	36.694	1.8966
#3	.28710	.31086	3.7157	.52999	1.3701	11.886	36.608	1.9200

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1116	6.7687	1.9585	1.8329	1.9238	2.3172	2.8347	1.4879
Stddev	.0180	.0156	.0109	.0054	.0007	.0085	.0103	.0078
%RSD	.35242	.22968	.55872	.29300	.03495	.36854	.36356	.52515

#1	5.0997	6.7607	1.9547	1.8316	1.9233	2.3153	2.8309	1.4869
#2	5.1028	6.7587	1.9500	1.8283	1.9246	2.3098	2.8268	1.4806
#3	5.1323	6.7866	1.9708	1.8388	1.9236	2.3265	2.8464	1.4961

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	1.5733	.22313	.77409	.17178	.83638	4.2944	.19557	1.5025
Stddev	.0047	.00048	.00081	.00035	.00658	.0030	.00036	.0072
%RSD	.30176	.21635	.10431	.20263	.78621	.07031	.18300	.47722

#1	1.5688	.22259	.77478	.17203	.82956	4.2925	.19557	1.5026
#2	1.5728	.22327	.77427	.17193	.84268	4.2929	.19521	1.4953
#3	1.5782	.22353	.77320	.17138	.83690	4.2979	.19592	1.5097

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	5.9363	.17492	1.2173	.63097	1.2538	4.7336	47.789	
Stddev	.0152	.00014	.0088	.00149	.0004	.0098	.301	
%RSD	.25605	.07934	.72636	.23626	.03025	.20659	.63048	

#1	5.9381	.17502	1.2204	.62997	1.2542	4.7348	47.581	
#2	5.9203	.17497	1.2073	.63026	1.2535	4.7234	47.653	
#3	5.9506	.17476	1.2241	.63268	1.2537	4.7428	48.135	

Sample Name: S4 Acquired: 3/30/2017 11:53:24 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1533.1	1656.5	49522.	8421.2	2831.6
Stddev	7.0	3.8	289.	28.2	4.5
%RSD	.45673	.23235	.58396	.33430	.15980
#1	1541.0	1653.2	49848.	8418.0	2827.6
#2	1527.6	1660.8	49422.	8450.7	2836.5
#3	1530.8	1655.6	49297.	8394.7	2830.7

Sample Name: S5 Acquired: 3/30/2017 11:57:21 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.60288	.59525	7.2889	1.0962	2.8890	24.169	71.645	3.8261
Stddev	.00307	.00193	.0143	.0031	.0098	.063	.744	.0246
%RSD	.50936	.32498	.19671	.28082	.33853	.25953	1.0383	.64217

#1	.60518	.59559	7.2857	1.0989	2.8944	24.097	72.488	3.7980
#2	.60407	.59700	7.3046	1.0968	2.8949	24.198	71.077	3.8435
#3	.59939	.59317	7.2764	1.0929	2.8777	24.212	71.371	3.8368

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	10.015	13.368	3.7167	3.6203	3.8517	4.4881	5.5297	2.9535
Stddev	.017	.077	.0050	.0112	.0046	.0152	.0196	.0095
%RSD	.17044	.57397	.13495	.30864	.11902	.33842	.35511	.32007

#1	9.9994	13.306	3.7119	3.6179	3.8464	4.4723	5.5071	2.9426
#2	10.033	13.454	3.7164	3.6324	3.8542	4.4894	5.5411	2.9598
#3	10.014	13.345	3.7219	3.6105	3.8545	4.5026	5.5411	2.9580

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0805	.46645	1.5555	.33764	1.7191	8.7391	.40496	2.8996
Stddev	.0070	.00078	.0033	.00094	.0077	.0153	.00017	.0152
%RSD	.22741	.16624	.21372	.27897	.44874	.17462	.04256	.52532

#1	3.0800	.46724	1.5516	.33657	1.7169	8.7339	.40512	2.8832
#2	3.0878	.46570	1.5573	.33832	1.7126	8.7271	.40477	2.9134
#3	3.0738	.46640	1.5575	.33804	1.7276	8.7562	.40499	2.9022

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	11.977	.36385	2.3899	1.2475	2.4654	9.8060	93.816	
Stddev	.039	.00011	.0122	.0031	.0079	.0466	.344	
%RSD	.32667	.03134	.50886	.25112	.31947	.47522	.36641	

#1	12.005	.36371	2.3762	1.2461	2.4570	9.8025	93.493	
#2	11.994	.36392	2.3995	1.2511	2.4725	9.7612	94.177	
#3	11.933	.36391	2.3940	1.2454	2.4668	9.8542	93.776	

Sample Name: S5 Acquired: 3/30/2017 11:57:21 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	1402.6	1488.9	47093.	8158.5	2538.6
Stddev	7.7	6.2	151.	21.0	8.2
%RSD	.54561	.41711	.32011	.25685	.32129
#1	1398.3	1483.7	46988.	8180.2	2533.9
#2	1411.4	1487.2	47266.	8138.4	2533.9
#3	1398.1	1495.7	47025.	8156.9	2548.1

Sample Name: S6 Acquired: 3/30/2017 12:01:26 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	62.853	21.860	11.802	4.7701	4.3731
Stddev	.769	.102	.096	.0427	.0228
%RSD	1.2241	.46587	.81444	.89405	.52181

#1	63.723	21.965	11.913	4.8193	4.3995
#2	62.264	21.762	11.748	4.7451	4.3611
#3	62.570	21.854	11.745	4.7459	4.3589

Int. Std.	Y_3710
Units	Cts/S
Avg	7896.9
Stddev	58.1
%RSD	.73580

#1	7835.4
#2	7950.9
#3	7904.5

Sample Name: ICV Acquired: 3/30/2017 12:05:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.9306509	1.092496	.9760347	.9460573	.9443453	2.425050
Stddev	.0070944	.002772	.0028554	.0006693	.0028473	.002935
%RSD	.7623097	.2537757	.2925542	.0707455	.3015059	.1210291

#1	.9359642	1.090578	.9789678	.9465067	.9475876	2.421661
#2	.9225944	1.095675	.9758725	.9463770	.9422524	2.426723
#3	.9333939	1.091235	.9732638	.9452881	.9431959	2.426766

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133476	.4954387	.4748366	10.30624	.5254274	.4772789
Stddev	.0010260	.0027175	.0013327	.02147	.0033706	.0009343
%RSD	.1998684	.5485087	.2806730	.2083449	.6415042	.1957530

#1	.5122166	.4976256	.4734835	10.28907	.5256756	.4764488
#2	.5136073	.4923964	.4748785	10.29933	.5219395	.4770972
#3	.5142187	.4962941	.4761480	10.33031	.5286671	.4782907

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109132	5.587043	.5184769	5.897663	.4927475	.4677759
Stddev	.0013520	.014411	.0011311	.044487	.0002263	.0019941
%RSD	.2646308	.2579361	.2181480	.7543094	.0459238	.4262921

#1	.5093747	5.588197	.5175947	5.940603	.4925997	.4689536
#2	.5119119	5.572089	.5180840	5.900611	.4926347	.4654735
#3	.5114532	5.600842	.5197520	5.851776	.4930080	.4689006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.838163	.5396263	.9448416	9.633015	F -.009912	F -.002197
Stddev	.034019	.0035548	.0104944	.003690	.000858	.000925
%RSD	.3457818	.6587527	1.110706	.0383037	8.653626	42.10342

#1	9.860776	.5366067	.9434782	9.628995	-.009488	-.002926
#2	9.854673	.5387281	.9350956	9.633803	-.009349	-.002509
#3	9.799040	.5435441	.9559511	9.636247	-.010900	-.001157

Sample Name: ICV Acquired: 3/30/2017 12:05:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000531	-.005942	.0003489	F -.000826	-.001090	.0029790
Stddev	.000174	.001850	.0005301	.000296	.000701	.0012415
%RSD	32.72722	31.13756	151.9303	35.79032	64.29672	41.67553

#1	-.000614	-.005619	.0000574	-.001015	-.001618	.0039421
#2	-.000331	-.004274	.0000285	-.000485	-.000295	.0034170
#3	-.000648	-.007932	.0009607	-.000978	-.001357	.0015778

Elem	Sr4077
Units	ppm
Avg	.0120216
Stddev	.0000917
%RSD	.7626916

#1	.0120083
#2	.0121193
#3	.0119374

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.919	1942.101	55788.47	8684.838	3719.033
Stddev	4.314	9.164	56.41	33.900	9.835
%RSD	.2425067	.4718725	.1011083	.3903366	.2644463

#1	1774.721	1931.711	55736.73	8647.317	3708.222
#2	1778.696	1945.558	55848.60	8693.939	3721.425
#3	1783.340	1949.034	55780.07	8713.260	3727.451

Sample Name: ICB Acquired: 3/30/2017 12:14:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.0006383	.0008063	-.000515	-.000994	-.000566	-.006074	-.001108
Stddev	.0008013	.0008997	.000476	.002318	.000503	.002939	.000247
%RSD	125.5357	111.5852	92.47115	233.2668	88.98657	48.38061	22.25349

#1	.0004846	-.000228	-.000263	-.000502	-.000310	-.004414	-.001390
#2	.0015053	.001406	-.001063	-.003518	-.000242	-.009467	-.001001
#3	-.000075	.001241	-.000218	.001039	-.001146	-.004341	-.000932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000303	-.000046	.0080271	-.000190	.0001184	-.000955	.0017562
Stddev	.0000246	.000086	.0034598	.000257	.0002265	.000972	.0025774
%RSD	81.18984	186.1915	43.10194	134.9133	191.3244	101.7008	146.7614

#1	.0000065	.000013	.0116950	-.000474	.0001222	-.002068	.0018331
#2	.0000556	-.000145	.0075642	-.000122	.0003430	-.000527	-.000859
#3	.0000287	-.000007	.0048220	.000026	-.000110	-.000272	.004294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007571	-.018615	-.000246	.0000352	.0913916	.0022687	.0044793
Stddev	.0003954	.020199	.000136	.0001341	.0467197	.0011002	.0051792
%RSD	52.23083	108.5075	55.40175	380.6460	51.12035	48.49570	115.6244

#1	.0003460	-.033325	-.000128	.0001843	.1052581	.0019318	-.000127
#2	.0011348	-.026934	-.000395	-.000003	.1296083	.0034979	.010086
#3	.0007905	.004415	-.000214	-.000075	.0393084	.0013763	.003479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	-.002351	-.005028	-.000158	-.004932	-.001367	.0000760
Stddev	.021438	.001130	.000711	.000166	.001513	.000626	.0009474
%RSD	24166.31	48.07289	14.14951	105.0389	30.67583	45.78799	1245.994

#1	.000003	-.002704	-.004561	.000001	-.006115	-.001760	-.001004
#2	.021304	-.003263	-.004675	-.000331	-.005454	-.001695	.000767
#3	-.021573	-.001086	-.005846	-.000145	-.003227	-.000645	.000465

Sample Name: ICB Acquired: 3/30/2017 12:14:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	-.000472	.0009710	-.000018
Stddev	.000253	.0005399	.000011
%RSD	53.54478	55.60268	61.07310

#1	-.000483	.0014755	-.000011
#2	-.000214	.0010358	-.000013
#3	-.000719	.0004016	-.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.481	1967.096	56424.51	8586.307	3885.761
Stddev	13.377	11.235	237.91	37.389	16.308
%RSD	.7446216	.5711356	.4216471	.4354465	.4196918

#1	1787.580	1958.341	56254.63	8589.280	3873.255
#2	1789.998	1963.184	56322.48	8622.120	3879.821
#3	1811.864	1979.764	56696.42	8547.520	3904.206

Sample Name: ICSA Acquired: 3/30/2017 12:18:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009669	-.009476	-.002319	-.023353	.0013494	247.3963
Stddev	.0056749	.000583	.002085	.002752	.0004778	1.0753
%RSD	586.8965	6.152247	89.92837	11.78578	35.41279	.4346368

#1	-.001783	-.009255	-.000184	-.022005	.0008033	248.6374
#2	.007493	-.010137	-.002422	-.021534	.0015537	246.7447
#3	-.002809	-.009036	-.004350	-.026519	.0016911	246.8067

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044221	.0009412	.0036605	250.4655	.0472603	.0003663
Stddev	.0002932	.0001089	.0001025	.5615	.0002879	.0001322
%RSD	6.629772	11.56958	2.798833	.2241789	.6092132	36.08996

#1	.0041678	.0009106	.0037768	251.1111	.0472492	.0005041
#2	.0043556	.0008509	.0036215	250.0907	.0469781	.0003543
#3	.0047428	.0010622	.0035833	250.1948	.0475536	.0002405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189210	104.1628	.0123171	258.1717	.0003858	-.006627
Stddev	.0014765	.5188	.0002154	1.2041	.0000963	.000249
%RSD	7.803467	.4981057	1.748474	.4664030	24.95796	3.752449

#1	.0174298	104.3734	.0120927	258.8390	.0004376	-.006444
#2	.0189508	103.5718	.0123365	256.7816	.0002747	-.006527
#3	.0203823	104.5433	.0125221	258.8944	.0004451	-.006910

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6246472	.0015425	.0250862	-.063390	-.014095	F -.024430
Stddev	.0497245	.0022912	.0081956	.009273	.002540	.001462
%RSD	7.960420	148.5412	32.66984	14.62908	18.02037	5.982804

#1	.6818328	.0036981	.0327553	-.057060	-.015807	-.022881
#2	.5915950	-.000864	.0164499	-.059076	-.011177	-.025785
#3	.6005139	.001793	.0260534	-.074035	-.015302	-.024623

Sample Name: ICSA Acquired: 3/30/2017 12:18:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003014	.0144265	-.005555	-.001207	-.002084	.0013102
Stddev	.0003481	.0050560	.000736	.000400	.000553	.0003452
%RSD	115.4868	35.04654	13.24732	33.18116	26.51696	26.34952

#1	.0006783	.0100605	-.005402	-.001658	-.001538	.0011154
#2	-.000008	.0132529	-.004908	-.000893	-.002643	.0017089
#3	.000234	.0199660	-.006356	-.001069	-.002071	.0011065

Elem	Sr4077
Units	ppm
Avg	.1020245
Stddev	.0005298
%RSD	.5192872

#1	.1026118
#2	.1018791
#3	.1015826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.802	1752.067	50514.23	8300.429	2992.877
Stddev	11.212	6.552	229.57	46.649	11.643
%RSD	.6981985	.3739614	.4544679	.5620127	.3890371

#1	1596.018	1745.357	50260.17	8253.489	2981.075
#2	1603.353	1752.394	50706.78	8346.782	2993.200
#3	1618.036	1758.449	50575.73	8301.016	3004.355

Sample Name: ICSAB Acquired: 3/30/2017 12:22:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916919	.0984694	.0454927	.0244208	.5827487	245.1931
Stddev	.0072865	.0034157	.0017396	.0013093	.0013977	.1779
%RSD	7.946721	3.468779	3.823994	5.361541	.2398427	.0725355

#1	.0838722	.0946441	.0468283	.0232133	.5821447	245.0004
#2	.0982911	.1012143	.0461244	.0258124	.5817546	245.2279
#3	.0929121	.0995497	.0435255	.0242366	.5843468	245.3510

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5178857	.5013437	.9754281	247.0826	.5563947	.4863773
Stddev	.0003431	.0019904	.0017251	.2835	.0034998	.0013170
%RSD	.0662525	.3970217	.1768522	.1147337	.6290134	.2707731

#1	.5181435	.5031010	.9734644	246.7922	.5533872	.4854965
#2	.5180173	.4991821	.9761204	247.0970	.5555609	.4857441
#3	.5174962	.5017480	.9766995	247.3586	.5602361	.4878913

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247556	102.9742	.5098665	255.5091	.9936353	.1897567
Stddev	.0021032	.1514	.0018292	.3804	.0024375	.0010787
%RSD	.4007889	.1469926	.3587575	.1488840	.2453076	.5684415

#1	.5271780	103.1227	.5092621	255.8871	.9908277	.1896443
#2	.5233953	102.8201	.5084160	255.1264	.9952104	.1908872
#3	.5236935	102.9797	.5119214	255.5139	.9948678	.1887387

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5998295	.5152401	.9805832	-.143282	-.021170	F -.025651
Stddev	.0796501	.0049891	.0078711	.008878	.002095	.002014
%RSD	13.27878	.9683057	.8026975	6.196534	9.894821	7.853254

#1	.6795267	.5101456	.9894846	-.138595	-.022889	-.025583
#2	.5202266	.5154580	.9745425	-.137729	-.021783	-.023671
#3	.5997351	.5201167	.9777225	-.153521	-.018837	-.027698

Sample Name: ICSAB Acquired: 3/30/2017 12:22:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000443	.0053055	-.005154	-.003391	-.003079	.0002390
Stddev	.000685	.0076653	.000220	.001257	.000492	.0003542
%RSD	154.5574	144.4783	4.267151	37.07757	15.97616	148.1788

#1	-.000179	.0072288	-.004905	-.002578	-.003560	.0005967
#2	-.001221	-.003138	-.005322	-.004839	-.003099	.0002320
#3	.000070	.011826	-.005233	-.002755	-.002577	-.000112

Elem	Sr4077
Units	ppm
Avg	.1013034
Stddev	.0001079
%RSD	.1064700

#1	.1011814
#2	.1013428
#3	.1013861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.430	1750.293	50509.67	8343.541	3002.847
Stddev	6.513	.237	151.66	13.432	3.343
%RSD	.4064378	.0135337	.3002613	.1609842	.1113272

#1	1609.703	1750.023	50677.33	8331.759	3006.687
#2	1597.136	1750.466	50382.04	8358.167	3000.585
#3	1600.450	1750.391	50469.65	8340.696	3001.269

Sample Name: CCV017 Acquired: 3/30/2017 12:26:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804653	4.676607	23.48119	4.658941	4.852189	397.5863	9.909784
Stddev	.006726	.005720	.02185	.023161	.011788	.6772	.020463
%RSD	.1399891	.1223128	.0930619	.4971272	.2429412	.1703367	.2064888

#1	4.802441	4.682930	23.47098	4.681031	4.865754	397.0408	9.891343
#2	4.799312	4.671793	23.50628	4.634841	4.844434	398.3443	9.931798
#3	4.812207	4.675098	23.46632	4.660951	4.846379	397.3739	9.906210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925909	2.381889	397.2689	14.66292	2.365160	14.92204	399.8402
Stddev	.0031869	.006382	.4288	.11213	.000722	.04146	.5551
%RSD	.6469583	.2679323	.1079266	.7647172	.0305300	.2778272	.1388206

#1	.4924086	2.375688	397.4344	14.54318	2.365712	14.87852	400.4783
#2	.4958650	2.381541	397.5903	14.76545	2.364343	14.96107	399.5736
#3	.4894991	2.388437	396.7821	14.68012	2.365425	14.92655	399.4688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24754	396.8966	2.413919	1.217285	393.3145	2.386212	14.46543
Stddev	.01490	.5146	.000818	.009470	1.0567	.003554	.11743
%RSD	.1045951	.1296678	.0339025	.7779234	.2686653	.1489199	.8118173

#1	14.24409	397.1438	2.413813	1.206497	392.4311	2.387102	14.34036
#2	14.26387	397.2411	2.414785	1.221133	394.4851	2.389236	14.48258
#3	14.23467	396.3050	2.413158	1.224225	393.0274	2.382298	14.57334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.8109	4.930044	4.673700	4.730033	4.690704	4.824382	4.795593
Stddev	.2927	.006344	.013387	.009134	.010467	.027016	.006651
%RSD	.1928175	.1286828	.2864266	.1931096	.2231363	.5599881	.1386855

#1	151.4881	4.936653	4.670501	4.737481	4.699681	4.817811	4.803126
#2	152.0591	4.924003	4.688397	4.719842	4.693224	4.854077	4.790532
#3	151.8856	4.929474	4.662203	4.732777	4.679208	4.801257	4.793123

Sample Name: CCV017 Acquired: 3/30/2017 12:26:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.839938	5.181181	4.850480
Stddev	.001729	.027877	.025422
%RSD	.0357147	.5380377	.5241071

#1	4.838480	5.152098	4.842986
#2	4.839487	5.207670	4.878807
#3	4.841848	5.183776	4.829648

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.831	1549.782	47408.92	8049.977	2575.416
Stddev	10.606	5.156	357.41	20.116	9.349
%RSD	.7325234	.3327076	.7538789	.2498938	.3630262

#1	1459.780	1544.410	47786.68	8046.056	2568.786
#2	1444.178	1550.244	47363.97	8032.111	2571.353
#3	1439.535	1554.691	47076.12	8071.766	2586.110

Sample Name: CCB017 Acquired: 3/30/2017 12:30:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000159	.0020308	-.000145	-.000806	-.000089	.0009899	-.001390
Stddev	.002807	.0007664	.001156	.002581	.000900	.0084585	.000385
%RSD	1769.552	37.73923	795.4034	320.4419	1013.101	854.5133	27.71798

#1	.003081	.0028623	-.001453	-.000396	.000948	-.003668	-.001363
#2	-.001691	.0013528	.000281	-.003567	-.000536	-.004116	-.001789
#3	-.001866	.0018773	.000737	.001547	-.000679	.010753	-.001019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000434	-.000018	.0077710	-.000059	.0000520	.0001188	.0041654
Stddev	.0000500	.000076	.0010764	.000225	.0003370	.0004423	.0086006
%RSD	115.1156	417.5072	13.85161	379.7953	648.6412	372.3392	206.4796

#1	-.000014	-.000101	.0069775	-.000205	.0003196	.0006267	.0137592
#2	.000065	.000048	.0089962	.000200	-.000326	-.000181	.0015909
#3	.000079	-.000001	.0073391	-.000172	.000163	-.000089	-.002854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0122775	.0000481	.0001611	-.001003	.0014254	.0050818
Stddev	.000276	.0133788	.0001480	.0002017	.116694	.0017453	.0077401
%RSD	562.9003	108.9699	308.0170	125.2229	11634.03	122.4393	152.3110

#1	-.000344	-.002439	.0000401	.0002573	-.128245	.0001489	-.001075
#2	.000203	.023706	.0001999	-.000071	.101020	.0034141	.013771
#3	-.000007	.015565	-.000096	.000297	.024215	.0007132	.002549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0849879	-.001714	-.001931	-.000160	-.001634	-.002528	-.000251
Stddev	.0225361	.000185	.000511	.000116	.001886	.000540	.000701
%RSD	26.51685	10.80950	26.44223	72.36631	115.4130	21.34340	279.4368

#1	.1091303	-.001662	-.001991	-.000026	-.002766	-.003137	-.000853
#2	.0813270	-.001920	-.001393	-.000223	-.002680	-.002111	-.000419
#3	.0645063	-.001561	-.002409	-.000231	.000543	-.002336	.000519

Sample Name: CCB017 Acquired: 3/30/2017 12:30:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000540	.0009257	.0000227
Stddev	.000538	.0006926	.0000463
%RSD	99.71702	74.81371	204.1580

#1	.000070	.0017251	.0000474
#2	-.000742	.0005476	.0000514
#3	-.000948	.0005045	-.000031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.245	1968.244	57585.90	8603.620	3895.918
Stddev	56.381	11.073	1789.20	32.760	18.352
%RSD	3.094055	.5626057	3.107018	.3807734	.4710485

#1	1792.340	1956.129	56315.57	8570.780	3874.815
#2	1887.278	1970.760	59632.07	8636.300	3908.133
#3	1787.116	1977.843	56810.06	8603.780	3904.806

Sample Name: PB97766BL Acquired: 3/30/2017 12:34:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002520	-.000241	.0009594	-.000327	-.000474	-.006539	-.001095
Stddev	.001097	.000732	.0007955	.001255	.000978	.003924	.000130
%RSD	43.53104	303.9383	82.91767	383.1316	206.0434	60.00452	11.85150

#1	-.002819	-.001068	.0018695	-.000763	.000215	-.005729	-.000974
#2	-.003436	.000327	.0006122	-.001307	-.000045	-.010804	-.001077
#3	-.001305	.000017	.0003965	.001087	-.001593	-.003083	-.001232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000052	-.000081	.0036337	-.000485	.0000763	.0001523	-.001585
Stddev	.0000706	.000084	.0111450	.000228	.0001958	.0015748	.008099
%RSD	1362.307	102.8482	306.7127	46.98227	256.5572	1034.235	511.0847

#1	-.000034	-.000053	.0109378	-.000228	.0002090	.0005845	.004829
#2	-.000037	-.000176	.0091576	-.000663	.0001687	.0014657	-.010686
#3	.000087	-.000016	-.009194	-.000564	-.000149	-.001593	.001102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001577	-.008170	.0002747	-.000221	.1394732	.0024707	.0051356
Stddev	.0002521	.032248	.0002882	.000207	.1354062	.0014670	.0074795
%RSD	159.9120	394.6997	104.8826	93.36336	97.08401	59.37703	145.6409

#1	.0000186	-.005198	.0006052	-.000299	.0442424	.0016387	-.003165
#2	.0004487	-.041802	.0001431	-.000377	.0796961	.0041646	.007220
#3	.0000057	.022488	.0000759	.000013	.2944812	.0016089	.011352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341008	-.001385	-.005115	-.000151	-.004211	-.001934	-.000780
Stddev	.0211382	.001119	.000356	.000110	.002527	.000272	.000239
%RSD	61.98759	80.79843	6.967210	73.06014	59.99826	14.06650	30.59884

#1	.0362678	-.000650	-.004846	-.000208	-.004198	-.002086	-.001029
#2	.0540720	-.000832	-.005519	-.000221	-.001691	-.001620	-.000554
#3	.0119625	-.002673	-.004979	-.000024	-.006744	-.002095	-.000756

Sample Name: PB97766BL Acquired: 3/30/2017 12:34:39 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002102	-.000005	-.000031
Stddev	.0008990	.000646	.000042
%RSD	427.7796	12985.58	134.8261

#1	.0002744	-.000745	-.000057
#2	-.000719	.000450	-.000053
#3	.001075	.000280	.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.001	1967.257	56674.63	8612.677	3900.357
Stddev	3.479	5.839	190.13	51.942	6.372
%RSD	.1943591	.2968117	.3354803	.6030861	.1633583

#1	1786.132	1960.874	56715.82	8560.990	3895.166
#2	1791.001	1968.567	56467.28	8612.170	3898.438
#3	1792.871	1972.330	56840.80	8664.870	3907.468

Sample Name: PB97766BS Acquired: 3/30/2017 12:38:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.0185055	.0544679	.0199799	.0684957	.1159029	.4009225
Stddev	.0012808	.0002733	.0019013	.0012498	.0000895	.0019870
%RSD	6.921333	.5018010	9.516023	1.824680	.0772602	.4956043

#1	.0193765	.0545994	.0218837	.0671068	.1159895	.3988786
#2	.0170349	.0541536	.0199749	.0688507	.1158107	.4010417
#3	.0191053	.0546505	.0180811	.0695296	.1159084	.4028472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4148088	.0106378	.0096298	10.06867	.0222165	.0934232
Stddev	.0019200	.0000824	.0001835	.06256	.0005961	.0006034
%RSD	.4628692	.7746381	1.905491	.6213752	2.683027	.6459317

#1	.4159394	.0105455	.0098236	10.11454	.0218185	.0941030
#2	.4125919	.0106642	.0094588	9.99740	.0229018	.0929510
#3	.4158950	.0107039	.0096069	10.09407	.0219291	.0932155

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539662	.2190067	.0316142	10.04143	.0789402	.0192147
Stddev	.0022368	.0080278	.0006072	.04205	.0006941	.0003125
%RSD	4.144906	3.665551	1.920563	.4187859	.8792813	1.626451

#1	.0524263	.2097529	.0314937	10.02666	.0795903	.0190362
#2	.0529403	.2231627	.0322725	10.00875	.0782092	.0190323
#3	.0565320	.2241044	.0310763	10.08887	.0790212	.0195755

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18947	.1082507	.1254597	9.914129	F .0260800	F .0142336
Stddev	.09243	.0027286	.0047088	.074938	.0018895	.0001965
%RSD	.9070861	2.520614	3.753229	.7558723	7.245014	1.380413

#1	10.29613	.1088732	.1260395	9.935103	.0277037	.0144604
#2	10.13306	.1052646	.1204879	9.830939	.0240060	.0141141
#3	10.13921	.1106142	.1298518	9.976346	.0265301	.0141263

Sample Name: PB97766BS Acquired: 3/30/2017 12:38:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) 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	.0209194	.1677354	.2061613	F .0129824	.2094191	.0981918
Stddev	.0001742	.0030385	.0006991	.0005879	.0005340	.0015736
%RSD	.8328980	1.811462	.3391124	4.528811	.2549910	1.602606

#1	.0211096	.1660932	.2054356	.0136102	.2098631	.0963839
#2	.0207675	.1658714	.2062181	.0124447	.2088266	.0992536
#3	.0208811	.1712415	.2068304	.0128923	.2095677	.0989379

Elem	Sr4077
Units	ppm
Avg	.2127337
Stddev	.0005678
%RSD	.2668841

#1	.2126298
#2	.2122251
#3	.2133462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.868	1932.246	55228.93	8514.656	3715.814
Stddev	12.047	11.377	101.24	38.362	27.931
%RSD	.6884330	.5888075	.1833109	.4505379	.7516809

#1	1739.338	1919.485	55116.53	8476.889	3684.056
#2	1747.260	1941.330	55257.27	8553.586	3736.563
#3	1763.004	1935.923	55312.97	8513.493	3726.824

Sample Name: I2344-01 Acquired: 3/30/2017 12:42:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106485	-.004515	.1208250	-.039782	.0044159	97.86300	.6984398
Stddev	.0038727	.002204	.0009393	.001086	.0004922	.07341	.0014317
%RSD	36.36903	48.81868	.7773985	2.729412	11.14710	.0750098	.2049821

#1	.0128794	-.004574	.1203820	-.039021	.0041410	97.88803	.7000735
#2	.0128894	-.006688	.1219038	-.041026	.0041225	97.78035	.6974040
#3	.0061766	-.002281	.1201891	-.039300	.0049842	97.92062	.6978418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078455	.0118570	49.77633	.1571408	.0991106	.1437935	209.0065
Stddev	.0000554	.0001146	.19276	.0003019	.0001052	.0008102	.6306
%RSD	.7062057	.9663870	.3872558	.1921052	.1061413	.5634281	.3017296

#1	.0077833	.0118507	49.55494	.1571390	.0991930	.1447100	208.4863
#2	.0078636	.0119745	49.90697	.1574435	.0989921	.1431728	208.8253
#3	.0078896	.0117456	49.86708	.1568398	.0991467	.1434977	209.7079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.670926	19.05769	.1144483	-.013823	2.867113	.2822360	2.435296
Stddev	.012807	.07355	.0006805	.000558	.089554	.0004104	.026717
%RSD	.4794829	.3859300	.5946058	4.037803	3.123502	.1453964	1.097055

#1	2.656787	19.02526	.1149415	-.014350	2.779489	.2820414	2.406917
#2	2.674242	19.00593	.1147314	-.013881	2.863369	.2827075	2.439010
#3	2.681748	19.14188	.1136719	-.013238	2.958480	.2819592	2.459961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.168136	6.037153	-.028000	-.000259	4.321054	5.332474	.0089421
Stddev	.013914	.016055	.001727	.000091	.007467	.022118	.0005043
%RSD	.1517642	.2659301	6.166672	35.04992	.1728120	.4147881	5.639453

#1	9.168842	6.034356	-.029570	-.000362	4.329626	5.351803	.0093469
#2	9.153883	6.054423	-.028278	-.000192	4.317574	5.337267	.0083772
#3	9.181684	6.022682	-.026151	-.000222	4.315961	5.308352	.0091023

Sample Name: I2344-01 Acquired: 3/30/2017 12:42:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.293719	.0880502	.1500161
Stddev	.004826	.0009694	.0003589
%RSD	.2103890	1.100906	.2392652

#1	2.291890	.0880515	.1503950
#2	2.290076	.0870802	.1496812
#3	2.299192	.0890189	.1499722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.873	2134.537	63412.50	10412.52	3372.986
Stddev	6.294	4.948	185.72	31.03	4.411
%RSD	.3182347	.2317857	.2928816	.2980206	.1307737

#1	1984.970	2140.195	63489.73	10379.44	3375.415
#2	1975.683	2131.026	63547.14	10417.13	3367.895
#3	1972.967	2132.389	63200.62	10440.98	3375.649

Sample Name: I2344-02 Acquired: 3/30/2017 12:47:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094007	-.004559	.1209074	-.036157	.0035559	98.13085	.7019197
Stddev	.0004610	.001989	.0018786	.001810	.0007251	.20711	.0013143
%RSD	4.903313	43.63099	1.553743	5.005002	20.39121	.2110521	.1872396

#1	.0088862	-.005897	.1189440	-.035213	.0029486	98.36055	.7032699
#2	.0095401	-.002273	.1226878	-.035015	.0033605	98.07367	.7006446
#3	.0097759	-.005507	.1210904	-.038244	.0043587	97.95835	.7018446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078137	.0119914	49.56548	.1548107	.0975289	.1461829	208.8490
Stddev	.0000394	.0000871	.10423	.0003900	.0007511	.0006240	.5994
%RSD	.5047958	.7261207	.2102878	.2519179	.7701415	.4268790	.2870012

#1	.0077974	.0120916	49.47795	.1543723	.0979190	.1468691	209.4704
#2	.0077849	.0119480	49.53772	.1551190	.0980046	.1456494	208.8021
#3	.0078587	.0119345	49.68079	.1549409	.0966629	.1460303	208.2743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.669475	18.99158	.1127075	-.014024	2.894500	.2807406	2.445720
Stddev	.008124	.15802	.0008494	.000341	.046264	.0022930	.032266
%RSD	.3043281	.8320685	.7536148	2.432036	1.598326	.8167635	1.319295

#1	2.673693	19.07961	.1136850	-.013884	2.841455	.2830593	2.481924
#2	2.674623	19.08600	.1121492	-.013775	2.926500	.2784742	2.435235
#3	2.660110	18.80915	.1122882	-.014413	2.915544	.2806884	2.419999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.228779	5.998724	-.028513	-.000287	4.258844	5.332703	.0086666
Stddev	.036493	.031251	.000851	.000208	.038477	.016432	.0004771
%RSD	.3954281	.5209615	2.984436	72.64180	.9034659	.3081293	5.504613

#1	9.270911	6.023614	-.029003	-.000128	4.295217	5.330540	.0092139
#2	9.207062	6.008907	-.027531	-.000210	4.262753	5.317460	.0084467
#3	9.208365	5.963652	-.029006	-.000523	4.218561	5.350109	.0083391

Sample Name: I2344-02 Acquired: 3/30/2017 12:47:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.303319	.0894299	.1502277
Stddev	.003795	.0014849	.0002617
%RSD	.1647482	1.660432	.1742290

#1	2.307662	.0909069	.1503337
#2	2.301649	.0894456	.1504199
#3	2.300646	.0879372	.1499296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.777	2121.043	62434.93	10275.52	3371.486
Stddev	8.543	16.071	64.12	7.26	27.498
%RSD	.4447771	.7576809	.1027053	.0706839	.8156021

#1	1912.213	2111.295	62361.06	10273.51	3350.957
#2	1920.819	2112.243	62476.31	10269.47	3360.772
#3	1929.299	2139.592	62467.42	10283.57	3402.728

Sample Name: I2344-03 Acquired: 3/30/2017 12:51:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118411	-.002620	.1251590	-.042984	.0039976	101.3609	.7166841
Stddev	.0033933	.001628	.0040188	.001783	.0008086	.1845	.0028352
%RSD	28.65698	62.14208	3.210935	4.148155	20.22805	.1820289	.3955944

#1	.0084806	-.002219	.1297738	-.041322	.0038920	101.4611	.7195623
#2	.0152663	-.004411	.1232737	-.042763	.0032469	101.4738	.7165960
#3	.0117764	-.001230	.1224295	-.044868	.0048538	101.1480	.7138941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079320	.0127981	50.64131	.1597223	.1032454	.1480771	213.6649
Stddev	.0002056	.0001456	.20769	.0015420	.0003620	.0004916	.3255
%RSD	2.592231	1.137868	.4101200	.9654141	.3506204	.3319886	.1523375

#1	.0081119	.0129660	50.76700	.1610511	.1034679	.1481531	213.7337
#2	.0079761	.0127212	50.75534	.1580316	.1028277	.1485263	213.9506
#3	.0077078	.0127070	50.40158	.1600843	.1034406	.1475520	213.3106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.729776	19.45935	.1192492	-.014202	2.924575	.2846280	2.476679
Stddev	.005210	.06910	.0004020	.000272	.120951	.0012840	.010713
%RSD	.1908528	.3551046	.3371238	1.918103	4.135668	.4511156	.4325488

#1	2.735630	19.42707	.1197114	-.013962	2.801380	.2859967	2.478262
#2	2.725648	19.53869	.1189808	-.014498	3.043149	.2834501	2.465263
#3	2.728051	19.41230	.1190555	-.014146	2.929197	.2844372	2.486513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.318269	6.287297	-.028833	-.000445	4.429065	8.362624	.0084410
Stddev	.043820	.034450	.002538	.000040	.027323	.044926	.0017306
%RSD	.4702554	.5479262	8.803437	9.049202	.6168938	.5372256	20.50276

#1	9.368854	6.326951	-.030283	-.000489	4.460602	8.404936	.0070334
#2	9.291993	6.270203	-.030313	-.000410	4.412523	8.367462	.0079163
#3	9.293958	6.264737	-.025902	-.000436	4.414071	8.315475	.0103732

Sample Name: I2344-03 Acquired: 3/30/2017 12:51:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.417418	.0913279	.1538364
Stddev	.003344	.0003942	.0004916
%RSD	.1383365	.4315723	.3195534

#1	2.421026	.0917638	.1543814
#2	2.414423	.0912232	.1537011
#3	2.416805	.0909966	.1534265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.829	2080.976	62365.63	10304.45	3282.124
Stddev	.478	3.582	125.41	58.68	11.112
%RSD	.0248559	.1721532	.2010871	.5694543	.3385556

#1	1924.277	2077.024	62227.04	10259.85	3269.327
#2	1925.130	2084.011	62471.30	10282.58	3287.714
#3	1925.080	2081.893	62398.54	10370.93	3289.331

Sample Name: I2344-01LX5 Acquired: 3/30/2017 12:55:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049870	-.000385	.0258110	-.006961	-.001120	22.02547	.1590886
Stddev	.0014335	.002687	.0007282	.000846	.000990	.12841	.0008906
%RSD	28.74403	698.6874	2.821410	12.15183	88.44136	.5830272	.5597864

#1	.0063396	-.003268	.0259708	-.006351	-.000019	21.88585	.1580723
#2	.0051371	.002051	.0264461	-.007927	-.001403	22.05203	.1597322
#3	.0034845	.000062	.0250162	-.006605	-.001938	22.13852	.1594614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019101	.0021508	11.49055	.0367410	.0200616	.0340203	49.41636
Stddev	.0000892	.0000655	.11416	.0005397	.0001637	.0013513	.53278
%RSD	4.671741	3.047183	.9935488	1.468920	.8159346	3.971919	1.078146

#1	.0019825	.0022154	11.38200	.0370738	.0199625	.0350216	48.80116
#2	.0019374	.0020844	11.48005	.0370308	.0202506	.0345559	49.72138
#3	.0018104	.0021526	11.60961	.0361182	.0199718	.0324833	49.72652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6287526	4.405007	.0232907	-.002941	.7242698	.0646786	.5405818
Stddev	.0060310	.023194	.0004807	.000223	.1327280	.0031391	.0127549
%RSD	.9592088	.5265483	2.063982	7.595112	18.32577	4.853312	2.359479

#1	.6218854	4.378232	.0236576	-.002993	.6989655	.0618710	.5351218
#2	.6311840	4.418942	.0227465	-.002696	.6060155	.0680678	.5314657
#3	.6331884	4.417848	.0234680	-.003133	.8678284	.0640968	.5551579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049806	1.201913	-.012659	-.000459	.8583873	1.285858	.0018558
Stddev	.008253	.000510	.000819	.000120	.0042046	.011964	.0004690
%RSD	.4026284	.0423933	6.472154	26.27308	.4898232	.9304551	25.27033

#1	2.049807	1.202131	-.011852	-.000494	.8572281	1.285139	.0014049
#2	2.041552	1.201331	-.013490	-.000557	.8548839	1.274269	.0023410
#3	2.058059	1.202278	-.012635	-.000324	.8630499	1.298165	.0018216

Sample Name: I2344-01LX5 Acquired: 3/30/2017 12:55:08 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5298696	.0192598	.0343935
Stddev	.0034917	.0002339	.0003135
%RSD	.6589691	1.214627	.9115076

#1	.5263657	.0192769	.0340703
#2	.5333490	.0194847	.0344139
#3	.5298939	.0190178	.0346963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.231	1962.999	56951.75	8942.430	3635.649
Stddev	1.827	6.495	122.06	58.343	4.704
%RSD	.1019840	.3308786	.2143279	.6524298	.1293748

#1	1789.134	1956.567	56999.15	8983.566	3630.539
#2	1792.074	1962.874	56813.10	8968.067	3639.798
#3	1792.483	1969.556	57043.01	8875.658	3636.609

Sample Name: I2344-04 Acquired: 3/30/2017 12:59:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161835	-.006644	.0925587	-.059542	.0048664	131.1298	2.318537
Stddev	.0024238	.001383	.0019733	.001831	.0011532	.1305	.004268
%RSD	14.97681	20.81322	2.131993	3.075804	23.69772	.0995383	.1840877

#1	.0136053	-.005626	.0937827	-.060360	.0035814	131.1970	2.321820
#2	.0165297	-.006088	.0902822	-.060823	.0058114	130.9794	2.320079
#3	.0184156	-.008219	.0936111	-.057445	.0052064	131.2131	2.313712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103804	.0170659	31.12038	.2560954	.1033437	.1990874	308.6690
Stddev	.0000718	.0001492	.11141	.0020503	.0002853	.0017704	.9683
%RSD	.6914100	.8741293	.3579920	.8006100	.2760180	.8892789	.3137099

#1	.0104581	.0170278	31.14682	.2566981	.1030173	.1989052	308.2566
#2	.0103167	.0169394	30.99813	.2577768	.1035455	.2009419	307.9752
#3	.0103663	.0172304	31.21620	.2538113	.1034682	.1974151	309.7753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.388143	28.81987	.1971303	-.019426	4.050539	.3256448	.4997807
Stddev	.019070	.00939	.0008991	.000589	.040770	.0028869	.0139940
%RSD	.4345853	.0325858	.4560795	3.034166	1.006526	.8865158	2.800038

#1	4.384623	28.80902	.1963301	-.019039	4.012226	.3257080	.4859793
#2	4.371078	28.82518	.1981032	-.020104	4.093386	.3284996	.5139598
#3	4.408728	28.82539	.1969577	-.019135	4.046004	.3227269	.4994031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.407704	4.568151	-.048743	.0004272	.8340540	8.904712	.0100022
Stddev	.007649	.012687	.004187	.0004397	.0032008	.041962	.0010311
%RSD	.0909812	.2777353	8.589100	102.9270	.3837624	.4712322	10.30892

#1	8.407569	4.555114	-.051845	.0008519	.8304102	8.930406	.0111656
#2	8.415421	4.568882	-.050404	.0004560	.8364116	8.856289	.0092011
#3	8.400123	4.580458	-.043981	-.000026	.8353402	8.927441	.0096399

Sample Name: I2344-04 Acquired: 3/30/2017 12:59:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.855368	.1230462	.5076365
Stddev	.008230	.0006371	.0009632
%RSD	.2134669	.5177970	.1897357

#1	3.858894	.1229935	.5076513
#2	3.845962	.1224371	.5085921
#3	3.861247	.1237080	.5066660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.134	2189.493	64492.72	10548.31	3298.077
Stddev	8.671	2.622	242.39	52.61	6.419
%RSD	.4350265	.1197577	.3758445	.4987808	.1946422

#1	1989.072	2189.125	64405.89	10530.39	3302.078
#2	1987.240	2192.280	64305.71	10607.54	3301.480
#3	2003.090	2187.075	64766.57	10507.00	3290.672

Sample Name: I2344-05 Acquired: 3/30/2017 13:03:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178982	-.007929	.1197711	-.050080	.0037151	120.9758	1.563106
Stddev	.0022379	.006151	.0003063	.003796	.0022893	.0899	.001496
%RSD	12.50348	77.57214	.2557681	7.580580	61.62119	.0742807	.0956820

#1	.0190934	-.005632	.1201078	-.053670	.0027029	121.0795	1.562347
#2	.0153165	-.014898	.1196968	-.046107	.0021063	120.9204	1.562143
#3	.0192848	-.003257	.1195088	-.050463	.0063359	120.9276	1.564829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102472	.0152604	26.26674	.1932104	.1531949	.1784125	256.3353
Stddev	.0001396	.0001891	.12419	.0015513	.0009382	.0004207	.4306
%RSD	1.362195	1.239202	.4727986	.8028874	.6124500	.2357954	.1679885

#1	.0100982	.0154116	26.30894	.1945146	.1532771	.1785315	256.7865
#2	.0102684	.0150484	26.36433	.1914949	.1522183	.1779452	256.2906
#3	.0103749	.0153213	26.12695	.1936216	.1540894	.1787609	255.9288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.765543	25.64874	.2013948	-.016029	2.087769	.2647977	.4980666
Stddev	.013062	.08136	.0009247	.000301	.036653	.0032765	.0046905
%RSD	.1682039	.3172145	.4591554	1.876420	1.755611	1.237356	.9417402

#1	7.774771	25.73889	.2009754	-.016035	2.046059	.2659623	.5020320
#2	7.771261	25.58077	.2007542	-.015726	2.114840	.2673327	.4992788
#3	7.750597	25.62654	.2024549	-.016328	2.102409	.2610979	.4928890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.605792	5.023412	-.042652	.0018771	.5399047	4.142779	.0091189
Stddev	.043409	.025304	.000887	.0005462	.0061739	.026420	.0010976
%RSD	.5044141	.5037246	2.079040	29.10011	1.143521	.6377274	12.03601

#1	8.557602	5.033249	-.043675	.0017627	.5441460	4.166117	.0087242
#2	8.641829	4.994667	-.042173	.0013971	.5328216	4.114096	.0103592
#3	8.617945	5.042321	-.042107	.0024715	.5427464	4.148125	.0082732

Sample Name: I2344-05 Acquired: 3/30/2017 13:03:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.624913	.1294105	.2103846
Stddev	.008794	.0014116	.0005106
%RSD	.3350342	1.090775	.2427060

#1	2.629325	.1308707	.2100276
#2	2.630628	.1280532	.2101567
#3	2.614786	.1293075	.2109695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.357	2182.098	64308.45	10534.59	3251.881
Stddev	9.618	10.238	59.61	22.46	9.040
%RSD	.4832543	.4691931	.0927003	.2132448	.2779996

#1	1988.487	2175.259	64255.07	10508.65	3246.126
#2	1981.812	2193.869	64297.49	10547.83	3262.300
#3	2000.774	2177.167	64372.78	10547.30	3247.215

Sample Name: I2344-06 Acquired: 3/30/2017 13:07:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368563	-.004564	.1578978	-.038175	.0037922	61.05480	.6643832
Stddev	.0020909	.002361	.0014348	.003267	.0001763	.16649	.0005254
%RSD	5.673129	51.73241	.9087146	8.557854	4.649764	.2726899	.0790839

#1	.0366200	-.001841	.1567414	-.036429	.0036609	61.01110	.6641382
#2	.0390553	-.006048	.1574486	-.041944	.0039926	61.23879	.6649864
#3	.0348936	-.005804	.1595036	-.036153	.0037230	60.91452	.6640250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082002	.0102646	91.12249	.2240138	.0960285	.1077182	189.2547
Stddev	.0001632	.0001786	.23559	.0011317	.0002973	.0005608	.3084
%RSD	1.989520	1.739915	.2585378	.5051928	.3096132	.5206025	.1629391

#1	.0082320	.0100599	91.09148	.2231971	.0957023	.1082251	189.1934
#2	.0083452	.0103889	90.90395	.2253056	.0960990	.1078138	189.5891
#3	.0080235	.0103450	91.37205	.2235389	.0962843	.1071158	188.9816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133098	13.00279	.1051503	-.011970	1.530759	.1662327	.7353549
Stddev	.015284	.10099	.0005527	.000319	.069041	.0011098	.0050136
%RSD	.2977578	.7767054	.5256027	2.663027	4.510266	.6676382	.6817883

#1	5.130101	13.00582	.1054655	-.011742	1.607838	.1674744	.7374995
#2	5.149659	13.10223	.1054733	-.012334	1.474590	.1658863	.7389394
#3	5.119535	12.90031	.1045122	-.011834	1.509850	.1653374	.7296257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.691578	4.802333	-.029126	.0008111	6.241105	3.275951	.0074036
Stddev	.022172	.006556	.001277	.0001480	.001636	.010003	.0013189
%RSD	.3895560	.1365163	4.384963	18.25051	.0262187	.3053354	17.81456

#1	5.666396	4.798694	-.027668	.0008313	6.240583	3.272948	.0077193
#2	5.708165	4.809902	-.029661	.0009480	6.242938	3.287111	.0085361
#3	5.700174	4.798404	-.030048	.0006540	6.239792	3.267794	.0059555

Sample Name: I2344-06 Acquired: 3/30/2017 13:07:15 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4585504	.0639433	.2124276
Stddev	.0014042	.0009368	.0003887
%RSD	.3062156	1.465102	.1829625

#1	.4576899	.0648738	.2122950
#2	.4601708	.0630003	.2128652
#3	.4577906	.0639557	.2121226

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.460	2105.334	63112.09	10428.83	3344.831
Stddev	14.426	8.087	173.61	19.98	11.717
%RSD	.7468900	.3841410	.2750795	.1915708	.3503060

#1	1944.605	2099.462	63296.72	10442.55	3337.258
#2	1933.749	2101.981	63087.41	10405.91	3338.909
#3	1916.027	2114.558	62952.14	10438.04	3358.328

Sample Name: I2344-07 Acquired: 3/30/2017 13:11:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184636	-.009280	.1570587	-.038287	.0016627	122.4168	1.332716
Stddev	.0013752	.000527	.0009127	.002813	.0007123	.5355	.007343
%RSD	7.448335	5.679061	.5811210	7.348361	42.83689	.4374236	.5509767

#1	.0180251	-.009845	.1579445	-.041500	.0015222	122.8214	1.337452
#2	.0173611	-.008802	.1571103	-.037100	.0010312	121.8096	1.324257
#3	.0200046	-.009193	.1561213	-.036262	.0024348	122.6194	1.336438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092657	.0126515	31.60407	.1966813	.1427006	.1684676	197.5875
Stddev	.0001344	.0001457	.04139	.0006309	.0005882	.0010158	.0724
%RSD	1.451049	1.151852	.1309531	.3207892	.4121921	.6029473	.0366649

#1	.0091596	.0125044	31.60006	.1973878	.1420272	.1682062	197.5645
#2	.0092207	.0126544	31.56484	.1964819	.1429605	.1695885	197.5293
#3	.0094169	.0127958	31.64732	.1961740	.1431140	.1676081	197.6686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.404286	21.20222	.1578044	-.014473	1.681418	.3577015	.4230396
Stddev	.011904	.13204	.0008696	.000186	.096298	.0007781	.0114634
%RSD	.1858688	.6227514	.5510538	1.282208	5.727176	.2175340	2.709761

#1	6.414911	21.31658	.1572067	-.014344	1.601739	.3572755	.4244445
#2	6.406524	21.05771	.1574046	-.014388	1.788427	.3585996	.4109385
#3	6.391422	21.23236	.1588020	-.014686	1.654089	.3572293	.4337357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.652030	5.910638	-.031470	.0005439	3.078477	7.665385	.0088502
Stddev	.056170	.023227	.001032	.0002317	.002164	.030744	.0009323
%RSD	.5819482	.3929774	3.280198	42.60951	.0702905	.4010793	10.53439

#1	9.697284	5.886102	-.032491	.0005729	3.077966	7.675146	.0097806
#2	9.589165	5.913524	-.030427	.0007597	3.080851	7.630946	.0079160
#3	9.669641	5.932287	-.031492	.0002990	3.076615	7.690065	.0088540

Sample Name: I2344-07 Acquired: 3/30/2017 13:11:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.321978	.0974204	.2728586
Stddev	.018588	.0020784	.0011563
%RSD	.3492669	2.133390	.4237652

#1	5.337262	.0996126	.2738412
#2	5.301286	.0954786	.2715844
#3	5.327387	.0971700	.2731502

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.857	2375.814	71477.45	11809.85	3267.508
Stddev	10.073	4.218	376.49	15.27	6.587
%RSD	.4597746	.1775505	.5267195	.1292862	.2015837

#1	2190.260	2375.739	71383.72	11804.23	3273.734
#2	2201.216	2380.070	71891.94	11827.13	3268.180
#3	2181.097	2371.634	71156.68	11798.18	3260.612

Sample Name: I2344-08 Acquired: 3/30/2017 13:15:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314754	-.007947	.1612397	-.043004	.0037185	96.44443	1.246970
Stddev	.0022581	.001344	.0027685	.004042	.0005304	1.87827	.022891
%RSD	7.174261	16.91504	1.717016	9.400331	14.26467	1.947517	1.835732

#1	.0293663	-.008504	.1590888	-.041906	.0040979	96.51107	1.246707
#2	.0338577	-.008923	.1643633	-.047481	.0031124	94.53373	1.224212
#3	.0312023	-.006414	.1602670	-.039623	.0039452	98.28850	1.269992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114247	.0137163	46.96321	.1541633	.1396216	.1349479	208.1432
Stddev	.0001235	.0000752	.99621	.0008664	.0003731	.0030411	4.1438
%RSD	1.080962	.5485816	2.121257	.5619851	.2672288	2.253547	1.990823

#1	.0113719	.0137676	46.78394	.1543181	.1400429	.1354223	207.7611
#2	.0113363	.0137512	46.06880	.1549418	.1393329	.1316975	204.2037
#3	.0115658	.0136299	48.03688	.1532299	.1394891	.1377240	212.4648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.870064	12.58403	.1770970	-.013104	1.469942	.1494625	.3491726
Stddev	.180874	.20976	.0006838	.000541	.122103	.0037865	.0068162
%RSD	2.039147	1.666872	.3861352	4.129270	8.306669	2.533440	1.952111

#1	8.835196	12.52307	.1773670	-.012832	1.340050	.1479237	.3555280
#2	8.709163	12.41151	.1763194	-.013727	1.487398	.1466877	.3419740
#3	9.065834	12.81752	.1776047	-.012752	1.582378	.1537762	.3500160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.291180	5.370294	-.034286	.0001814	1.805311	4.753529	.0078830
Stddev	.139779	.012589	.001567	.0000445	.004153	.051832	.0014973
%RSD	2.221826	.2344141	4.570394	24.49646	.2300229	1.090390	18.99397

#1	6.297667	5.374248	-.033811	.0001949	1.808365	4.743497	.0095869
#2	6.148271	5.356203	-.036036	.0001318	1.806986	4.707446	.0072852
#3	6.427603	5.380431	-.033012	.0002176	1.800582	4.809643	.0067770

Sample Name: I2344-08 Acquired: 3/30/2017 13:15:17 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACJ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1614548	.1406189	.1158039
Stddev	.0033620	.0036261	.0021964
%RSD	2.082292	2.578683	1.896687

#1	.1620882	.1399951	.1155041
#2	.1578212	.1373451	.1137727
#3	.1644550	.1445164	.1181348

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.065	2336.282	69655.63	11576.12	3287.750
Stddev	8.559	5.238	202.33	161.65	7.109
%RSD	.4016396	.2241978	.2904771	1.396408	.2162302

#1	2132.378	2330.239	69546.79	11599.58	3279.815
#2	2138.892	2339.075	69889.09	11724.76	3293.539
#3	2121.925	2339.530	69531.03	11404.02	3289.896

Sample Name: I2344-09 Acquired: 3/30/2017 13:19:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274463	-.009966	.4173010	-.071616	.0044023	49.49290	.7596481
Stddev	.0051949	.006202	.0018139	.003777	.0013855	.45273	.0075243
%RSD	4.076161	62.22952	.4346663	5.273863	31.47271	.9147449	.9904984

#1	.1329338	-.011671	.4176154	-.073132	.0044408	49.82460	.7630896
#2	.1226042	-.015138	.4153505	-.067317	.0057681	49.67697	.7648361
#3	.1268010	-.003090	.4189372	-.074401	.0029979	48.97712	.7510185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109295	.0194255	412.4807	.8754764	.2023191	.1115904	335.1534
Stddev	.0001079	.0002882	2.3298	.0119716	.0017248	.0019008	2.4262
%RSD	.9877078	1.483600	.5648377	1.367435	.8525164	1.703331	.7239075

#1	.0110044	.0196272	413.9341	.8620453	.2019917	.1116772	337.5421
#2	.0108057	.0190954	413.7146	.8850243	.2007815	.1134462	335.2267
#3	.0109783	.0195538	409.7934	.8793596	.2041841	.1096477	332.6914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22672	21.78780	.1161263	-.020737	2.361818	.2973493	.2771526
Stddev	.11760	.27906	.0012909	.000849	.023582	.0018562	.0039598
%RSD	.7723093	1.280820	1.111644	4.095206	.9984874	.6242534	1.428746

#1	15.33776	22.06218	.1161413	-.019760	2.382668	.2977733	.2729157
#2	15.23887	21.79696	.1148280	-.021298	2.366561	.2989569	.2777821
#3	15.10351	21.50428	.1174097	-.021154	2.336224	.2953178	.2807599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.953264	7.483475	-.057471	.0068208	1.730010	3.736526	.0057963
Stddev	.050548	.071184	.001307	.0002287	.020778	.017118	.0005523
%RSD	2.587888	.9512175	2.273759	3.352392	1.201018	.4581283	9.527594

#1	2.000210	7.502047	-.056194	.0066521	1.731710	3.741340	.0053033
#2	1.959827	7.404846	-.057415	.0067291	1.708434	3.750723	.0063931
#3	1.899754	7.543533	-.058805	.0070810	1.749885	3.717517	.0056925

Sample Name: I2344-09 Acquired: 3/30/2017 13:19:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4197353	.0533030	.4629649
Stddev	.0020711	.0004917	.0037821
%RSD	.4934216	.9225063	.8169254

#1	.4190850	.0536723	.4660670
#2	.4220535	.0527449	.4640759
#3	.4180675	.0534918	.4587517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.971	1897.152	58107.22	9611.562	2956.783
Stddev	14.790	7.815	483.07	64.752	18.370
%RSD	.8466161	.4119358	.8313435	.6736925	.6212819

#1	1762.817	1892.983	58593.31	9550.950	2949.459
#2	1733.532	1906.168	57627.22	9603.954	2977.686
#3	1744.564	1892.306	58101.11	9679.783	2943.205

Sample Name: I2344-10 Acquired: 3/30/2017 13:23:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647854	-.006935	.2526795	-.040438	.0013208	61.91044	.5982962
Stddev	.0055455	.000651	.0019263	.002731	.0002837	1.65276	.0156430
%RSD	8.559751	9.387085	.7623328	6.752476	21.47900	2.669595	2.614599

#1	.0661473	-.007321	.2508285	-.037534	.0010213	60.03013	.5803554
#2	.0695230	-.006184	.2525368	-.042953	.0015854	62.56786	.6054502
#3	.0586858	-.007302	.2546731	-.040827	.0013558	63.13333	.6090832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065003	.0121764	335.4031	.2293483	.0930592	.1315073	200.4103
Stddev	.0001349	.0001498	8.2021	.0015102	.0002980	.0035630	4.5928
%RSD	2.075435	1.230134	2.445446	.6584828	.3202036	2.709350	2.291717

#1	.0064741	.0123152	326.0927	.2306436	.0927498	.1274202	195.2973
#2	.0063804	.0121963	338.5549	.2276895	.0930836	.1331423	201.7471
#3	.0066464	.0120177	341.5619	.2297118	.0933443	.1339593	204.1863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.006659	46.58138	.1072612	-.013227	1.806650	.1834321	1.847398
Stddev	.198398	1.12969	.0009286	.000522	.016544	.0045832	.035696
%RSD	2.477910	2.425201	.8657671	3.942600	.9157329	2.498561	1.932234

#1	7.785370	45.30383	.1064582	-.013785	1.788191	.1792813	1.837680
#2	8.065972	46.99191	.1070473	-.012752	1.820141	.1826643	1.817568
#3	8.168636	47.44841	.1082781	-.013145	1.811617	.1883506	1.886947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.249613	5.360531	-.020650	.0015414	8.070486	4.258808	.0054727
Stddev	.201321	.035648	.001405	.0001164	.046177	.082863	.0001076
%RSD	3.834974	.6650093	6.805033	7.551922	.5721696	1.945683	1.965301

#1	5.017163	5.324872	-.020336	.0016569	8.033757	4.165142	.0054664
#2	5.368221	5.360552	-.019428	.0015432	8.055377	4.288722	.0053684
#3	5.363454	5.396168	-.022186	.0014241	8.122325	4.322560	.0055832

Sample Name: I2344-10 Acquired: 3/30/2017 13:23:24 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4133564	.0854242	.5391491
Stddev	.0099993	.0025330	.0144472
%RSD	2.419055	2.965234	2.679623

#1	.4018482	.0826595	.5227188
#2	.4182999	.0876333	.5448635
#3	.4199212	.0859799	.5498651

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.636	1855.032	55884.70	9537.549	2979.887
Stddev	25.068	6.457	582.04	204.310	15.717
%RSD	1.474035	.3480758	1.041504	2.142164	.5274256

#1	1694.666	1862.198	55689.76	9767.959	2994.882
#2	1728.149	1853.232	56539.19	9466.228	2981.241
#3	1679.091	1849.666	55425.15	9378.459	2963.536

Sample Name: I2344-11 Acquired: 3/30/2017 13:27:26 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685353	-.005312	.2392672	-.045310	.0029185	69.53887	.5931085
Stddev	.0002971	.004323	.0026442	.001592	.0026697	.08388	.0010734
%RSD	.4335725	81.38297	1.105137	3.512971	91.47410	.1206262	.1809749

#1	.0686435	-.010251	.2419021	-.046753	.0029995	69.53509	.5919188
#2	.0681992	-.003469	.2366138	-.043603	.0002093	69.62458	.5934024
#3	.0687632	-.002216	.2392858	-.045575	.0055467	69.45694	.5940043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068661	.0142795	502.8058	.2086129	.1046842	.1439541	217.9103
Stddev	.0001389	.0001757	1.0550	.0021333	.0012260	.0007914	.4104
%RSD	2.022703	1.230693	.2098283	1.022627	1.171102	.5497607	.1883261

#1	.0070252	.0144034	503.2947	.2110724	.1042561	.1440926	218.1498
#2	.0068043	.0140784	501.5950	.2072639	.1037298	.1446670	217.4365
#3	.0067689	.0143567	503.5277	.2075025	.1060668	.1431026	218.1448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.270223	59.55499	.1398503	-.000507	2.009769	.1731073	2.303057
Stddev	.019166	.13597	.0010634	.000339	.047334	.0023525	.009765
%RSD	.2317520	.2283061	.7604029	66.82313	2.355173	1.358989	.4240160

#1	8.283489	59.68771	.1402758	-.000150	2.017485	.1721111	2.300027
#2	8.248248	59.56125	.1386400	-.000825	2.052771	.1757940	2.313979
#3	8.278931	59.41600	.1406350	-.000546	1.959052	.1714168	2.295167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.164143	6.280881	-.023296	.0004773	12.88711	4.140030	.0056861
Stddev	.012760	.023878	.000680	.0002965	.06226	.005503	.0006184
%RSD	.2070046	.3801726	2.919685	62.12427	.4831281	.1329125	10.87528

#1	6.158115	6.285754	-.022514	.0004656	12.89940	4.144750	.0052806
#2	6.178800	6.254942	-.023753	.0007795	12.81962	4.133986	.0063978
#3	6.155514	6.301946	-.023620	.0001868	12.94231	4.141355	.0053799

Sample Name: I2344-11 Acquired: 3/30/2017 13:27:26 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3538132	.1285961	.9172852
Stddev	.0013583	.0005658	.0002476
%RSD	.3839114	.4399721	.0269871

#1	.3537360	.1280342	.9171273
#2	.3524951	.1291657	.9171578
#3	.3552085	.1285884	.9175705

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.972	1866.446	55922.50	9543.119	2887.102
Stddev	1.462	1.796	160.43	17.223	10.328
%RSD	.0865088	.0962057	.2868752	.1804757	.3577153

#1	1688.584	1867.024	55738.09	9542.625	2888.328
#2	1689.834	1867.881	56029.91	9560.584	2896.762
#3	1691.498	1864.432	55999.50	9526.149	2876.217

Sample Name: I2344-12 Acquired: 3/30/2017 13:31:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120775	-.005076	.2540402	-.088880	.0104172	158.2351	.6151135
Stddev	.0020717	.001474	.0052682	.004612	.0010222	.0585	.0007158
%RSD	17.15303	29.03601	2.073757	5.188474	9.812110	.0369883	.1163709

#1	.0098970	-.005661	.2539635	-.092227	.0113034	158.2778	.6153361
#2	.0140197	-.003399	.2488107	-.083620	.0092990	158.1684	.6156915
#3	.0123159	-.006167	.2593462	-.090793	.0106491	158.2592	.6143128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108945	.0233062	74.47927	.2431357	.1302165	.3439664	423.5432
Stddev	.0001356	.0003494	.19345	.0044171	.0015912	.0014243	.8675
%RSD	1.244858	1.498957	.2597356	1.816728	1.221936	.4140716	.2048286

#1	.0107839	.0230698	74.69676	.2440039	.1302852	.3456110	424.4406
#2	.0108539	.0231412	74.32643	.2470543	.1285921	.3431563	422.7090
#3	.0110458	.0237074	74.41461	.2383490	.1317722	.3431320	423.4801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.142465	24.24213	.1886694	-.025800	2.916259	.4793639	1.526075
Stddev	.007962	.14444	.0034039	.001050	.073851	.0017261	.031262
%RSD	.1921967	.5958035	1.804161	4.069621	2.532388	.3600728	2.048516

#1	4.144074	24.40508	.1883093	-.026609	2.978751	.4812846	1.555333
#2	4.133822	24.12990	.1854598	-.026176	2.834763	.4788646	1.529758
#3	4.149500	24.19140	.1922390	-.024613	2.935262	.4779426	1.493135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.653907	3.420106	-.076135	.0034572	.5050076	4.993843	.0198893
Stddev	.047063	.050062	.000696	.0003273	.0094026	.006118	.0023465
%RSD	1.011248	1.463748	.9147751	9.466246	1.861869	.1225047	11.79773

#1	4.698503	3.405754	-.076725	.0035628	.4986725	5.000858	.0196236
#2	4.604715	3.378788	-.075366	.0037186	.5005390	4.989617	.0176870
#3	4.658503	3.475777	-.076313	.0030902	.5158111	4.991053	.0223574

Sample Name: I2344-12 Acquired: 3/30/2017 13:31:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7095054	.1401188	.1389694
Stddev	.0013142	.0002480	.0002435
%RSD	.1852288	.1769815	.1752424

#1	.7110058	.1398569	.1392410
#2	.7085584	.1403500	.1388964
#3	.7089521	.1401494	.1387706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.064	1996.070	59920.69	9865.943	3154.333
Stddev	37.225	20.797	1012.25	23.664	40.825
%RSD	2.038559	1.041885	1.689317	.2398523	1.294253

#1	1795.850	2003.243	59573.47	9846.956	3167.510
#2	1814.693	2012.330	59127.74	9892.454	3186.942
#3	1867.649	1972.636	61060.86	9858.420	3108.547

Sample Name: I2344-13 Acquired: 3/30/2017 13:35:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226290	-.003582	.3322572	-.079078	.0093502	140.7319	.4682461
Stddev	.0006962	.001724	.0041507	.002027	.0004587	.1951	.0013636
%RSD	3.076720	48.13518	1.249242	2.562652	4.906067	.1386516	.2912069

#1	.0224548	-.002170	.3282463	-.076967	.0090382	140.7322	.4697279
#2	.0233958	-.005504	.3319904	-.079261	.0091356	140.5366	.4679661
#3	.0220364	-.003072	.3365349	-.081008	.0098769	140.9268	.4670442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099089	.0254229	238.3575	.2470324	.1186243	.2458701	381.0388
Stddev	.0001104	.0004580	1.3234	.0034921	.0016032	.0009152	2.0019
%RSD	1.114196	1.801488	.5552003	1.413630	1.351484	.3722372	.5253922

#1	.0099878	.0248994	237.2002	.2471400	.1167743	.2458693	379.5076
#2	.0097828	.0256200	238.0720	.2434877	.1194898	.2467858	380.3045
#3	.0099563	.0257494	239.8003	.2504694	.1196086	.2449553	383.3042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.793934	34.10599	.1620406	-.025142	2.703304	.4170782	13.16685
Stddev	.029939	.20495	.0018156	.000764	.105739	.0021172	.18377
%RSD	1.071562	.6009249	1.120475	3.037845	3.911490	.5076165	1.395731

#1	2.772035	34.10985	.1607033	-.025578	2.596143	.4148744	13.00392
#2	2.781716	33.89914	.1613109	-.024260	2.706207	.4172636	13.13057
#3	2.828049	34.30899	.1641075	-.025588	2.807562	.4190965	13.36605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.098159	3.471224	-.068132	-.002244	3.426468	15.59874	.0103168
Stddev	.005930	.040636	.002382	.000190	.035846	.06766	.0009063
%RSD	.0835441	1.170643	3.496416	8.470893	1.046160	.4337223	8.785217

#1	7.091362	3.427489	-.070329	-.002201	3.385938	15.55406	.0093945
#2	7.102280	3.478370	-.065600	-.002453	3.439457	15.56558	.0112063
#3	7.100834	3.507813	-.068467	-.002080	3.454010	15.67658	.0103497

Sample Name: I2344-13 Acquired: 3/30/2017 13:35:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3607557	.1585152	.3307964
Stddev	.0023690	.0004429	.0004220
%RSD	.6566679	.2793982	.1275779

#1	.3580297	.1582396	.3309584
#2	.3619213	.1582799	.3311135
#3	.3623159	.1590261	.3303174

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.882	1934.807	57980.02	9715.407	2998.823
Stddev	20.906	11.339	631.66	32.028	23.559
%RSD	1.186600	.5860527	1.089439	.3296577	.7856207

#1	1780.564	1946.217	58185.00	9747.985	3023.834
#2	1765.781	1934.665	58483.72	9714.276	2995.584
#3	1739.300	1923.540	57271.32	9683.960	2977.050

Sample Name: I2344-14 Acquired: 3/30/2017 13:39:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280485	-.005183	.2149349	-.080288	.0082472	153.9220	.3662901
Stddev	.0037413	.003032	.0070878	.001066	.0011842	.3013	.0009650
%RSD	13.33874	58.50806	3.297664	1.327419	14.35857	.1957562	.2634584

#1	.0305635	-.002888	.2146580	-.079803	.0095061	153.8292	.3656188
#2	.0237490	-.004040	.2079896	-.079551	.0071555	153.6780	.3658555
#3	.0298330	-.008620	.2221571	-.081510	.0080800	154.2587	.3673960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100134	.0243264	80.73423	.2112795	.1067370	.2723720	400.4583
Stddev	.0000700	.0006904	.10987	.0002225	.0021887	.0011096	1.1584
%RSD	.6990804	2.838222	.1360848	.1053070	2.050583	.4073801	.2892715

#1	.0100918	.0243884	80.64379	.2112079	.1076009	.2736463	399.5774
#2	.0099913	.0236071	80.85650	.2111017	.1042482	.2716195	400.0271
#3	.0099571	.0249838	80.70240	.2115290	.1083619	.2718501	401.7705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.482572	15.02867	.1694574	-.025004	2.769781	.3325287	2.236536
Stddev	.010983	.03227	.0027730	.000109	.091327	.0044881	.049011
%RSD	.4423987	.2147167	1.636411	.4361025	3.297271	1.349679	2.191385

#1	2.480203	15.00252	.1701398	-.024878	2.862050	.3289433	2.180003
#2	2.472966	15.01877	.1664069	-.025066	2.679426	.3375620	2.267062
#3	2.494546	15.06473	.1718256	-.025067	2.767866	.3310808	2.262543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.371876	3.511813	-.069636	-.000801	1.087310	16.50720	.0122625
Stddev	.039078	.057900	.001969	.000183	.023963	.08974	.0008486
%RSD	.7274551	1.648709	2.827955	22.85141	2.203875	.5436474	6.920305

#1	5.395350	3.521928	-.069689	-.000600	1.084389	16.60897	.0132191
#2	5.326765	3.449523	-.067640	-.000845	1.064942	16.43941	.0119682
#3	5.393513	3.563989	-.071577	-.000957	1.112600	16.47322	.0116002

Sample Name: I2344-14 Acquired: 3/30/2017 13:39:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1997500	.1689888	.1754584
Stddev	.0010969	.0006359	.0006430
%RSD	.5491499	.3762993	.3664911

#1	.1992764	.1688837	.1753055
#2	.1989694	.1684121	.1749057
#3	.2010041	.1696708	.1761642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.809	1961.073	58468.37	9647.238	3163.966
Stddev	6.221	23.815	75.99	54.044	44.939
%RSD	.3481669	1.214374	.1299725	.5602053	1.420325

#1	1792.946	1952.560	58508.85	9588.413	3153.813
#2	1786.974	1987.975	58380.71	9694.693	3213.112
#3	1780.507	1942.685	58515.55	9658.608	3124.972

Sample Name: I2344-15 Acquired: 3/30/2017 13:43:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6017616	-.001607	.4902297	-.013493	.1397809	17.97422
Stddev	.0056871	.001286	.0024413	.003887	.0014284	.05805
%RSD	.9450767	80.04960	.4979859	28.81077	1.021855	.3229525

#1	.5978623	-.000372	.4876136	-.009318	.1389958	17.90752
#2	.6082872	-.002939	.4924470	-.017008	.1389172	18.01332
#3	.5991352	-.001511	.4906286	-.014152	.1414295	18.00181

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.630590	.0024090	.4901833	736.8874	7.291588	.6119204
Stddev	.000524	.0000957	.0023809	3.1668	.026632	.0027961
%RSD	.0321541	3.971033	.4857147	.4297502	.3652388	.4569326

#1	1.631113	.0024281	.4874359	736.3058	7.314607	.6087801
#2	1.630592	.0024936	.4914719	734.0517	7.297738	.6128410
#3	1.630065	.0023052	.4916422	740.3047	7.262420	.6141401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.45181	133.1157	1.927305	333.4382	F 7.737050	.0075377
Stddev	.05199	.2421	.008327	1.4309	.027123	.0002923
%RSD	.1352146	.1818825	.4320713	.4291251	.3505579	3.878051

#1	38.44250	132.8831	1.924044	331.9404	7.707111	.0078372
#2	38.50783	133.0975	1.921101	333.5830	7.744054	.0072531
#3	38.40511	133.3663	1.936769	334.7911	7.759983	.0075226

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.563031	.2391295	1.225430	6.679166	1.881836	.0106060
Stddev	.137475	.0008135	.016000	.028201	.015615	.0011711
%RSD	5.363777	.3402023	1.305692	.4222195	.8297573	11.04152

#1	2.455144	.2387398	1.236612	6.647436	1.880661	.0094848
#2	2.717820	.2385841	1.207102	6.701369	1.866842	.0105119
#3	2.516128	.2400645	1.232576	6.688693	1.898005	.0118212

Sample Name: I2344-15 Acquired: 3/30/2017 13:43:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173615	1.520235	9.438545	.0018832	.6037616	.0298028
Stddev	.0001779	.013582	.062561	.0002488	.0016642	.0006843
%RSD	1.024645	.8933988	.6628224	13.21166	.2756387	2.296220

#1	.0175219	1.504558	9.506571	.0015968	.6021621	.0296862
#2	.0171702	1.527686	9.425586	.0020073	.6036388	.0305380
#3	.0173925	1.528461	9.383479	.0020456	.6054838	.0291843

Elem	Sr4077
Units	ppm
Avg	.4829744
Stddev	.0010103
%RSD	.2091922

#1	.4840800
#2	.4827439
#3	.4820991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.484	1617.240	50151.66	8535.915	2726.496
Stddev	10.614	2.388	76.33	26.868	4.784
%RSD	.7073415	.1476354	.1521963	.3147607	.1754770

#1	1497.957	1618.759	50103.87	8539.946	2730.067
#2	1512.133	1618.473	50239.69	8560.540	2728.362
#3	1491.362	1614.488	50111.42	8507.260	2721.060

Sample Name: I2344-16 Acquired: 3/30/2017 13:47:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5036727	-.007445	4.716074	-.029450	.0786571	1.745918
Stddev	.0055147	.000304	.003865	.000856	.0007243	.051454
%RSD	1.094897	4.081981	.0819474	2.907572	.9208148	2.947125

#1	.4978707	-.007222	4.719226	-.029461	.0787382	1.721533
#2	.5043013	-.007322	4.717234	-.028589	.0793375	1.805031
#3	.5088462	-.007791	4.711762	-.030301	.0778957	1.711189

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324812	.0021522	.0429833	F 1832.208	.0431024	.1131931
Stddev	.0009969	.0000616	.0000762	47.748	.0004941	.0004217
%RSD	3.069195	2.861284	.1774051	2.606013	1.146423	.3725546

#1	.0322532	.0021036	.0428965	1809.476	.0429290	.1136741
#2	.0335724	.0022214	.0430396	1887.075	.0427183	.1130185
#3	.0316181	.0021315	.0430139	1800.074	.0436599	.1128868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.200581	168.3183	3.918657	F 1084.385	.1163654	-.012854
Stddev	.036697	4.0825	.095501	26.685	.0008979	.000646
%RSD	3.056587	2.425460	2.437090	2.460879	.7716582	5.027507

#1	1.202147	167.8420	3.905342	1082.460	.1169390	-.013598
#2	1.236470	172.6180	4.020117	1111.981	.1168266	-.012535
#3	1.163126	164.4948	3.830512	1058.715	.1153306	-.012429

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.730493	.2932406	3.289854	-.254929	1.666396	-.023637
Stddev	.059251	.0046442	.021160	.043767	.008794	.003124
%RSD	3.423932	1.583752	.6431756	17.16815	.5277366	13.21548

#1	1.670541	.2926344	3.277592	-.298822	1.660872	-.020049
#2	1.731920	.2981582	3.314287	-.211290	1.661779	-.025751
#3	1.789017	.2889293	3.277683	-.254675	1.676537	-.025110

Sample Name: I2344-16 Acquired: 3/30/2017 13:47:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359045	.7115414	2.012367	.0001003	.0096337	.0094173
Stddev	.0003264	.0038511	.040192	.0021451	.0011046	.0010947
%RSD	.9090749	.5412298	1.997240	2137.950	11.46590	11.62466

#1	.0362137	.7104485	2.010875	-.002288	.0098210	.0105304
#2	.0355633	.7083549	2.053283	.001863	.0106326	.0093796
#3	.0359365	.7158208	1.972941	.000725	.0084474	.0083420

Elem	Sr4077
Units	ppm
Avg	.2569355
Stddev	.0076927
%RSD	2.994036

#1	.2572947
#2	.2644424
#3	.2490695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.685	1519.601	46409.94	8367.739	2258.776
Stddev	3.664	4.818	80.50	188.128	4.709
%RSD	.2649835	.3170869	.1734495	2.248257	.2084941

#1	1381.273	1517.561	46374.00	8376.059	2257.750
#2	1386.845	1516.138	46502.15	8175.588	2254.665
#3	1379.938	1525.103	46353.68	8551.569	2263.914

Sample Name: I2287-03A Acquired: 3/30/2017 13:51:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9X86A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636933	-.012777	18.32264	-.041748	.0033089	83.30828
Stddev	.0034180	.002241	.05579	.003567	.0008493	.10853
%RSD	5.366407	17.53927	.3045115	8.543723	25.66722	.1302794

#1	.0635512	-.014606	18.27472	-.044293	.0037378	83.28601
#2	.0671801	-.010277	18.30930	-.037671	.0023307	83.42623
#3	.0603485	-.013447	18.38389	-.043280	.0038583	83.21261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.11212	.0093035	.0747551	200.4040	.1077127	.2187108
Stddev	.24620	.0000491	.0003252	.5478	.0006175	.0008060
%RSD	.6817692	.5273982	.4349934	.2733425	.5732736	.3685134

#1	36.16756	.0093580	.0743958	200.6907	.1081641	.2179372
#2	36.32587	.0092629	.0750293	200.7489	.1070090	.2195456
#3	35.84292	.0092896	.0748401	199.7723	.1079651	.2186496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4862492	183.6656	16.16464	95.02268	.2477183	-.006812
Stddev	.0015198	.3302	.07875	.18089	.0013903	.000099
%RSD	.3125593	.1798077	.4871833	.1903655	.5612241	1.456316

#1	.4875226	183.6804	16.18076	95.04100	.2461859	-.006870
#2	.4845667	183.9882	16.23408	95.19372	.2480701	-.006698
#3	.4866582	183.3282	16.07907	94.83333	.2488988	-.006870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.590145	.2000674	4.791400	7.550181	5.577018	-.017009
Stddev	.073166	.0047518	.041658	.070677	.019464	.000380
%RSD	4.601189	2.375077	.8694230	.9360975	.3490055	2.232939

#1	1.648884	.1951046	4.810578	7.581613	5.574873	-.017448
#2	1.508187	.2045754	4.820014	7.599689	5.558716	-.016790
#3	1.613362	.2005222	4.743608	7.469240	5.597467	-.016790

Sample Name: I2287-03A Acquired: 3/30/2017 13:51:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9X86A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005437	6.003459	24.65814	.0104648	.8325704	.0512692
Stddev	.0002476	.016686	.02126	.0015612	.0010197	.0015051
%RSD	45.54159	.2779316	.0862274	14.91826	.1224768	2.935681

#1	.0006879	5.986322	24.67349	.0086904	.8316833	.0512718
#2	.0006854	6.004402	24.66707	.0116277	.8336844	.0527730
#3	.0002578	6.019653	24.63387	.0110761	.8323434	.0497628

Elem	Sr4077
Units	ppm
Avg	.1849099
Stddev	.0002153
%RSD	.1164386

#1	.1850248
#2	.1846615
#3	.1850433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.093	1949.331	59192.46	9872.274	3000.044
Stddev	12.341	4.977	89.21	41.935	3.282
%RSD	.6890109	.2552973	.1507160	.4247797	.1094049

#1	1789.930	1944.448	59277.82	9863.121	2998.707
#2	1779.375	1954.396	59099.84	9835.671	3003.784
#3	1803.974	1949.150	59199.72	9918.030	2997.642

Sample Name: I2293-14A Acquired: 3/30/2017 13:55:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9XM7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2332943	-.019013	F 87.16652	-.050093	.0055414	95.01968
Stddev	.0008145	.003033	.35085	.001218	.0006737	.56103
%RSD	.3491210	15.95330	.4025002	2.431160	12.15845	.5904325

#1	.2332680	-.021774	87.42560	-.050451	.0048028	94.37203
#2	.2341216	-.019499	87.30669	-.048737	.0061224	95.33068
#3	.2324933	-.015766	86.76726	-.051093	.0056991	95.35633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.358401	.0109715	.1012298	242.5982	.1050081	.3706474
Stddev	.027298	.0001524	.0006593	2.4836	.0024867	.0009242
%RSD	.3265901	1.388652	.6513149	1.023736	2.368085	.2493505

#1	8.327360	.0109243	.1012344	239.7307	.1021820	.3711704
#2	8.369173	.0108484	.1018868	244.0679	.1068611	.3711916
#3	8.378669	.0111419	.1005681	243.9960	.1059811	.3695803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270382	212.3060	18.84832	118.6827	.4014837	-.003167
Stddev	.005708	1.8393	.15654	1.0128	.0008398	.000243
%RSD	.4493367	.8663442	.8305224	.8533550	.2091675	7.657918

#1	1.263874	210.2684	18.66936	117.5483	.4017587	-.003095
#2	1.272734	213.8437	18.95985	119.4960	.4021514	-.003437
#3	1.274539	212.8058	18.91574	119.0037	.4005408	-.002968

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729715	.2003047	5.030969	9.280863	4.845189	-.021748
Stddev	.058788	.0047225	.053891	.037791	.022116	.001474
%RSD	3.398728	2.357656	1.071190	.4071931	.4564460	6.776695

#1	1.769431	.1949053	4.979136	9.240472	4.834267	-.023015
#2	1.662181	.2023439	5.027065	9.286752	4.830659	-.020130
#3	1.757534	.2036650	5.086706	9.315363	4.870641	-.022098

Sample Name: I2293-14A Acquired: 3/30/2017 13:55:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9XM7A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024357	3.203028	10.35652	.0098862	.7669662	.0653790
Stddev	.0000954	.006367	.09799	.0011676	.0058359	.0008391
%RSD	3.917224	.1987804	.9461735	11.81045	.7609043	1.283400

#1	.0024783	3.201303	10.24702	.0085720	.7619693	.0649908
#2	.0025025	3.197701	10.43597	.0102826	.7655493	.0648044
#3	.0023264	3.210080	10.38656	.0108041	.7733801	.0663419

Elem	Sr4077
Units	ppm
Avg	.1447959
Stddev	.0008650
%RSD	.5973619

#1	.1438125
#2	.1454387
#3	.1451366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.701	1976.416	59921.58	10023.82	2924.830
Stddev	9.205	8.985	600.63	44.15	14.235
%RSD	.5094975	.4545864	1.002362	.4404597	.4867116

#1	1815.535	1966.715	60573.25	10074.70	2913.621
#2	1797.165	1978.082	59390.20	9995.65	2920.022
#3	1807.405	1984.451	59801.28	10001.10	2940.847

Sample Name: CCV018 Acquired: 3/30/2017 13:59:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.937783	4.761517	23.74658	4.754224	5.036810	402.9573	10.20975
Stddev	.013109	.016885	.07015	.015035	.017897	.6983	.01943
%RSD	.2654824	.3546149	.2954193	.3162393	.3553329	.1732890	.1902861

#1	4.948566	4.746109	23.68735	4.771562	5.052847	402.3724	10.21375
#2	4.923191	4.758874	23.72833	4.746336	5.017503	402.7692	10.18863
#3	4.941592	4.779568	23.82405	4.744776	5.040080	403.7304	10.22686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945709	2.350805	398.4353	15.01419	2.350554	15.24951	393.8737
Stddev	.0009410	.006066	1.6843	.46143	.004312	.03403	1.4742
%RSD	.1902743	.2580390	.4227220	3.073303	.1834273	.2231681	.3742755

#1	.4949933	2.344583	396.6338	15.54108	2.346249	15.26964	392.1979
#2	.4952268	2.351131	398.7016	14.68212	2.350541	15.21022	394.9706
#3	.4934927	2.356702	399.9706	14.81937	2.354873	15.26868	394.4524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.12510	391.2497	2.446623	1.261274	403.0524	2.391609	14.38230
Stddev	.06461	1.4716	.008350	.033517	.7068	.015420	.40762
%RSD	.4573870	.3761383	.3412775	2.657423	.1753622	.6447531	2.834194

#1	14.05581	389.5660	2.442796	1.299543	402.3931	2.374976	14.85283
#2	14.18368	392.2903	2.440873	1.237137	402.9654	2.394424	14.15717
#3	14.13581	391.8929	2.456200	1.247142	403.7986	2.405428	14.13688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.4216	5.064064	4.641609	4.829855	4.733756	4.849927	4.872678
Stddev	.0967	.015056	.011463	.004220	.008774	.007455	.015950
%RSD	.0614473	.2973150	.2469544	.0873767	.1853399	.1537064	.3273282

#1	157.4354	5.051331	4.653845	4.830934	4.725427	4.851574	4.866584
#2	157.5106	5.060178	4.631120	4.825199	4.742915	4.856420	4.860673
#3	157.3186	5.080682	4.639862	4.833430	4.732925	4.841786	4.890776

Sample Name: CCV018 Acquired: 3/30/2017 13:59:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.879442	5.438855	4.952631
Stddev	.015358	.005186	.035365
%RSD	.3147557	.0953532	.7140562

#1	4.867321	5.432988	4.918393
#2	4.874292	5.442828	4.989023
#3	4.896714	5.440749	4.950477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.894	1478.848	45104.24	7796.854	2477.133
Stddev	41.866	4.115	1162.34	28.178	1.816
%RSD	3.106057	.2782636	2.577009	.3614000	.0733263

#1	1299.700	1474.572	43766.28	7821.886	2477.184
#2	1368.709	1479.191	45864.99	7766.337	2475.292
#3	1375.274	1482.780	45681.46	7802.340	2478.923

Sample Name: CCB018 Acquired: 3/30/2017 14:03:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001447	.0003334	.0004697	.0016513	-.001173	-.000025	-.001524
Stddev	.002091	.0009313	.0014374	.0024207	.000763	.003608	.000396
%RSD	144.4926	279.3425	306.0169	146.5971	65.03437	14506.75	26.01743

#1	-.002724	-.000191	-.001190	.0004306	-.001690	-.003448	-.001934
#2	.000966	.001409	.001324	.0044393	-.000297	.003743	-.001143
#3	-.002583	-.000218	.001275	.0000839	-.001531	-.000370	-.001493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000215	-.000045	.0071563	-.000201	-.000021	.0000548	-.001864
Stddev	.0000168	.000055	.0063712	.000300	.000175	.0006937	.001514
%RSD	77.81694	120.4514	89.02978	149.1925	829.2022	1265.678	81.22071

#1	.0000331	-.000095	-.000046	-.000346	.000179	-.000735	-.000993
#2	.0000023	.000013	.012057	-.000402	-.000148	.000565	-.000987
#3	.0000291	-.000054	.009457	.000144	-.000094	.000334	-.003613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007020	-.014672	.0000732	.0001167	.0488857	.0007509	.0035085
Stddev	.0004153	.016170	.0003004	.0001804	.0704094	.0008058	.0008364
%RSD	59.16914	110.2133	410.2739	154.6160	144.0287	107.3033	23.83807

#1	.0005592	-.011360	.0002106	.0002185	.1085781	-.000118	.0042389
#2	.0003768	-.000414	.0002803	-.000092	-.028763	.000896	.0025962
#3	.0011698	-.032241	-.000271	.000223	.066842	.001474	.0036905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903247	-.001359	-.005622	.0000213	-.002437	-.002986	-.000452
Stddev	.0290953	.001202	.000495	.0002291	.002329	.000415	.000525
%RSD	32.21194	88.40896	8.796040	1074.672	95.57357	13.90619	116.1899

#1	.0749299	-.000914	-.006140	.0002499	-.003829	-.002817	-.000618
#2	.0721612	-.002720	-.005155	.0000223	-.003733	-.003460	.000136
#3	.1238831	-.000444	-.005571	-.000208	.000252	-.002682	-.000874

Sample Name: CCB018 Acquired: 3/30/2017 14:03:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000058	-.000782	-.000031
Stddev	.000816	.000205	.000045
%RSD	1413.773	26.17951	144.2694

#1	-.000986	-.001000	-.000011
#2	.000548	-.000594	.000001
#3	.000264	-.000752	-.000082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.043	1910.367	55462.84	8392.237	3822.175
Stddev	9.522	13.035	226.72	66.823	25.518
%RSD	.5532976	.6823374	.4087773	.7962432	.6676174

#1	1717.006	1895.317	55335.68	8435.330	3792.793
#2	1731.919	1918.100	55724.60	8426.120	3834.950
#3	1714.204	1917.684	55328.24	8315.260	3838.781

Sample Name: I2407-03 Acquired: 3/30/2017 14:07:54 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056515	-.002139	.0443777	.0023960	-.001206	16.51256	.0611421
Stddev	.0017662	.001379	.0030997	.0024282	.000716	.02920	.0003552
%RSD	31.25271	64.47387	6.984812	101.3448	59.40098	.1768321	.5809968

#1	.0067271	-.003236	.0417942	.0030985	-.001783	16.48292	.0607383
#2	.0036130	-.002590	.0435243	.0043955	-.000404	16.51345	.0612819
#3	.0066143	-.000591	.0478148	-.000306	-.001430	16.54130	.0614063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003503	.0007307	14.59634	.0181573	.0001586	.0175278	5.229722
Stddev	.0000148	.0000298	.06272	.0004107	.0001358	.0015103	.040148
%RSD	4.230345	4.076530	.4297004	2.261885	85.63156	8.616521	.7676965

#1	.0003482	.0007489	14.52524	.0181269	.0002534	.0161506	5.229282
#2	.0003660	.0007469	14.64380	.0177626	.0002192	.0172899	5.270089
#3	.0003366	.0006963	14.62000	.0185823	.0000030	.0191429	5.189796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275756	.4535612	.0068289	-.000264	.3520197	.0253121	.0463218
Stddev	.0007116	.0089233	.0001519	.000208	.0541536	.0018268	.0047849
%RSD	2.580397	1.967382	2.225034	78.66379	15.38367	7.216933	10.32974

#1	.0283492	.4565799	.0070043	-.000505	.3990352	.0257515	.0442896
#2	.0269490	.4605835	.0067440	-.000146	.2928081	.0233058	.0517874
#3	.0274286	.4435201	.0067383	-.000143	.3642158	.0268792	.0428883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.494374	.3804306	-.000013	.0001725	.3999028	3.384996	.0018051
Stddev	.022943	.0032495	.001796	.0002339	.0050691	.009494	.0010791
%RSD	4.640885	.8541749	14252.93	135.5672	1.267591	.2804689	59.78086

#1	-.516748	.3806134	-.000594	.0004330	.4056221	3.374722	.0020867
#2	-.470901	.3770936	-.001446	-.000020	.3959645	3.386821	.0006131
#3	-.495472	.3835849	.002002	.000104	.3981219	3.393445	.0027154

Sample Name: I2407-03 Acquired: 3/30/2017 14:07:54 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2243116	.0023022	.1130858
Stddev	.0011353	.0006859	.0004415
%RSD	.5061269	29.79588	.3904153

#1	.2230052	.0023523	.1129307
#2	.2248704	.0015925	.1127428
#3	.2250592	.0029617	.1135840

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.488	1879.204	56100.23	8795.147	3696.592
Stddev	7.332	10.046	223.55	31.041	20.620
%RSD	.4279060	.5345677	.3984857	.3529306	.5578045

#1	1719.012	1875.825	56258.73	8830.940	3689.621
#2	1716.284	1890.504	56197.43	8778.880	3719.794
#3	1705.170	1871.284	55844.53	8775.620	3680.362

Sample Name: I2407-04 Acquired: 3/30/2017 14:12:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061032	-.000864	.0430356	.0021513	-.000977	16.32758	.0607645
Stddev	.0016336	.001600	.0009555	.0012589	.000689	.07139	.0002250
%RSD	26.76591	185.1250	2.220304	58.51812	70.54946	.4372143	.3702639

#1	.0069958	-.002635	.0441387	.0009766	-.000184	16.26520	.0605063
#2	.0042178	.000477	.0425021	.0019972	-.001316	16.40544	.0608692
#3	.0070961	-.000435	.0424660	.0034802	-.001431	16.31211	.0609181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003593	.0007752	14.33680	.0175142	.0003151	.0172477	5.108511
Stddev	.0000312	.0000414	.08174	.0005300	.0001453	.0009292	.008794
%RSD	8.688473	5.341014	.5701312	3.025890	46.10874	5.387644	.1721533

#1	.0003233	.0008048	14.32668	.0173475	.0001830	.0182726	5.098446
#2	.0003761	.0007279	14.42313	.0170877	.0004707	.0170102	5.112372
#3	.0003785	.0007929	14.26060	.0181075	.0002915	.0164602	5.114713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280280	.4360787	.0066273	-.000087	.2340032	.0259740	.0509419
Stddev	.0006179	.0182066	.0001522	.000105	.1379802	.0018185	.0088416
%RSD	2.204555	4.175072	2.296353	120.3264	58.96510	7.001259	17.35627

#1	.0286775	.4174073	.0066525	-.000136	.1519604	.0238829	.0595527
#2	.0274475	.4537819	.0067654	-.000160	.3933051	.0271846	.0513867
#3	.0279589	.4370470	.0064642	.000033	.1567442	.0268547	.0418863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.500156	.3725728	-.000300	.0001502	.3917384	3.350407	.0018519
Stddev	.020762	.0028844	.000557	.0002135	.0056862	.022758	.0005575
%RSD	4.151052	.7741935	185.7340	142.1063	1.451530	.6792743	30.10125

#1	-.509345	.3746881	-.000563	.0002263	.3962204	3.328155	.0012423
#2	-.476386	.3692871	.000340	.0003151	.3853421	3.373640	.0019778
#3	-.514738	.3737431	-.000676	-.000091	.3936525	3.349426	.0023357

Sample Name: I2407-04 Acquired: 3/30/2017 14:12:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2195092	.0019745	.1119800
Stddev	.0018405	.0008140	.0003670
%RSD	.8384657	41.22801	.3277136

#1	.2201122	.0018325	.1118283
#2	.2209725	.0012408	.1123985
#3	.2174428	.0028502	.1117132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1726.872	1895.466	56540.44	8846.280	3746.760
Stddev	3.453	26.188	30.13	35.468	50.948
%RSD	.1999569	1.381591	.0532935	.4009340	1.359800

#1	1730.840	1873.687	56515.39	8855.050	3705.216
#2	1724.551	1924.522	56532.05	8807.250	3803.606
#3	1725.225	1888.187	56573.88	8876.540	3731.457

Sample Name: I2407-05 Acquired: 3/30/2017 14:16:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972892	.1307328	.0894556	.1175788	.2457047	20.95156	5.383933
Stddev	.0032001	.0008867	.0007508	.0013695	.0018958	.00905	.030693
%RSD	3.289223	.6782286	.8393087	1.164780	.7715605	.0431868	.5700850

#1	.0970035	.1314997	.0900040	.1189308	.2476345	20.94431	5.417766
#2	.0942415	.1309367	.0885999	.1176131	.2438450	20.94868	5.357876
#3	.1006225	.1297619	.0897629	.1161924	.2456347	20.96170	5.376158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1196165	.1085845	14.27578	.5266346	1.132347	.6523956	7.715206
Stddev	.0006731	.0004179	.02204	.0022884	.005547	.0028995	.036577
%RSD	.5627566	.3848745	.1544113	.4345380	.4899024	.4444377	.4740849

#1	.1190115	.1085005	14.27788	.5292557	1.128400	.6522287	7.673623
#2	.1203416	.1082149	14.25276	.5250339	1.129951	.6495832	7.742400
#3	.1194964	.1090379	14.29669	.5256142	1.138689	.6553750	7.729594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.258644	.4117728	1.208976	.1045081	.3381175	1.326981	1.157872
Stddev	.008700	.0251541	.003941	.0006675	.1132330	.009369	.013788
%RSD	.6912390	6.108736	.3259732	.6387375	33.48923	.7060085	1.190763

#1	1.251985	.3860348	1.206365	.1052462	.4669301	1.318370	1.145384
#2	1.255458	.4129843	1.207053	.1043315	.2931326	1.325616	1.155565
#3	1.268488	.4362992	1.213509	.1039467	.2542899	1.336957	1.172668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.490249	.3635543	-.001495	-.000298	.3765757	4.330228	.0022882
Stddev	.018746	.0013493	.000481	.000098	.0020270	.007132	.0005858
%RSD	3.823720	.3711482	32.14856	32.68418	.5382823	.1646982	25.60261

#1	-.492586	.3651062	-.001274	-.000400	.3747961	4.337776	.0017092
#2	-.470444	.3628992	-.002046	-.000205	.3787822	4.329306	.0028807
#3	-.507717	.3626577	-.001164	-.000291	.3761487	4.323602	.0022748

Sample Name: I2407-05 Acquired: 3/30/2017 14:16:09 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACD8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2793107	.0023840	.1106101
Stddev	.0031272	.0008607	.0003645
%RSD	1.119629	36.10404	.3295373

#1	.2827562	.0013902	.1110292
#2	.2785236	.0028712	.1103668
#3	.2766521	.0028906	.1104344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.366	1851.566	55559.99	8761.160	3648.453
Stddev	15.666	2.745	420.46	5.258	8.356
%RSD	.9273135	.1482585	.7567667	.0600098	.2290318

#1	1671.669	1850.055	55075.58	8767.093	3647.403
#2	1694.969	1854.735	55830.44	8759.308	3657.284
#3	1701.459	1849.909	55773.96	8757.079	3640.671

Sample Name: I2407-03LX5 Acquired: 3/30/2017 14:20:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010417	-.000132	.0085764	.0010246	-.000863	3.307192	.0110681
Stddev	.0037855	.002192	.0007163	.0009027	.000193	.013969	.0001379
%RSD	363.3921	1655.792	8.351627	88.09949	22.39946	.4223861	1.246032

#1	.0020626	-.001562	.0079789	.0001644	-.001073	3.308525	.0112273
#2	.0042120	.002392	.0093704	.0009449	-.000692	3.320447	.0109885
#3	-.003150	-.001227	.0083798	.0019645	-.000826	3.292604	.0109885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001275	.0001201	2.987690	.0035691	.0000397	.0029504	1.050955
Stddev	.0000291	.0000309	.011284	.0002427	.0002316	.0006493	.020430
%RSD	22.83297	25.72689	.3776904	6.798762	583.6460	22.00830	1.943934

#1	.0001596	.0001356	2.975827	.0037867	.0003023	.0035276	1.028315
#2	.0001202	.0000845	2.988956	.0036133	-.000048	.0022474	1.068016
#3	.0001028	.0001402	2.998289	.0033074	-.000135	.0030763	1.056534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058869	.0759982	.0014260	.0003102	.1579356	.0076580	.0164937
Stddev	.0006023	.0086982	.0000388	.0001342	.0652227	.0016237	.0106525
%RSD	10.23107	11.44527	2.718207	43.25401	41.29699	21.20289	64.58525

#1	.0055850	.0661222	.0014006	.0003349	.1000269	.0085714	.0285262
#2	.0054952	.0825198	.0014068	.0001654	.2285905	.0057833	.0126894
#3	.0065804	.0793525	.0014706	.0004303	.1451895	.0086194	.0082657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078156	.0764026	-.007723	-.000073	.0772001	.6988093	.0004539
Stddev	.022534	.0006032	.000883	.000074	.0003536	.0024054	.0004422
%RSD	28.83204	.7895594	11.43368	101.4413	.4580243	.3442069	97.42024

#1	-.096311	.0757239	-.007078	-.000125	.0769707	.6960928	-.000017
#2	-.085221	.0766066	-.008729	-.000105	.0776073	.7006688	.000861
#3	-.052936	.0768775	-.007361	.000012	.0770222	.6996663	.000518

Sample Name: I2407-03LX5 Acquired: 3/30/2017 14:20:10 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACD8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0448350	-.000677	.0227057
Stddev	.0014761	.000201	.0001730
%RSD	3.292221	29.73339	.7618267

#1	.0464808	-.000896	.0226334
#2	.0443958	-.000632	.0225805
#3	.0436284	-.000501	.0229031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.948	1895.998	55713.12	8471.950	3767.124
Stddev	10.468	3.271	147.06	21.043	5.990
%RSD	.6100193	.1725037	.2639619	.2483897	.1590120

#1	1704.041	1896.911	55582.06	8492.770	3771.278
#2	1720.105	1898.715	55685.14	8450.690	3769.836
#3	1723.699	1892.368	55872.16	8472.390	3760.257

Sample Name: I2287-03ADLX10 Acquired: 3/30/2017 14:24:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9X86A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086035	.0000440	1.956107	-.003603	-.000200	9.546788	4.368861
Stddev	.0003461	.0019934	.002951	.000438	.000696	.027964	.010432
%RSD	4.022331	4530.228	.1508559	12.16170	348.4881	.2929176	.2387728

#1	.0082222	.0009489	1.955653	-.003097	-.000458	9.515132	4.376243
#2	.0086906	.0014245	1.959258	-.003847	-.000730	9.568133	4.356927
#3	.0088976	-.002241	1.953409	-.003865	.000589	9.557099	4.373414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011954	.0075087	24.03567	.0135837	.0215183	.0580232	22.89099
Stddev	.0000410	.0001394	.08503	.0001228	.0001721	.0011663	.14725
%RSD	3.428466	1.856206	.3537838	.9037452	.7996306	2.010129	.6432579

#1	.0011580	.0074747	23.93800	.0134494	.0213403	.0579797	22.75561
#2	.0011890	.0073895	24.07580	.0136902	.0216838	.0592108	23.04777
#3	.0012392	.0076619	24.09321	.0136116	.0215310	.0568793	22.86959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935662	10.98818	.0256906	-.000233	.1708327	.0265193	.5599365
Stddev	.016528	.09185	.0001822	.000210	.1498887	.0030111	.0086295
%RSD	.8538591	.8359078	.7092969	90.09027	87.74010	11.35437	1.541149

#1	1.921648	10.94348	.0258947	-.000407	.1901143	.0232473	.5695737
#2	1.953888	11.09382	.0256326	-.000290	.0122361	.0271369	.5529247
#3	1.931449	10.92723	.0255444	-.000000	.3101475	.0291738	.5573110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8819637	.5297826	-.011080	.0000206	.5638880	3.146316	.0008403
Stddev	.0082556	.0017442	.000440	.0001511	.0042506	.007268	.0004871
%RSD	.9360473	.3292375	3.972865	733.0725	.7538068	.2310114	57.97410

#1	.8840818	.5309991	-.010641	.0001476	.5597682	3.150482	.0005755
#2	.8728554	.5305644	-.011521	-.000146	.5636374	3.150542	.0005428
#3	.8889539	.5277842	-.011080	.000061	.5682584	3.137923	.0014024

Sample Name: I2287-03ADLX10 Acquired: 3/30/2017 14:24:20 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9X86A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0992471	.0039087	.0219422
Stddev	.0011148	.0009111	.0000855
%RSD	1.123225	23.30946	.3897333

#1	.0984675	.0047537	.0220193
#2	.0987499	.0029434	.0218502
#3	.1005240	.0040289	.0219570

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.517	1888.337	55182.88	8579.699	3567.505
Stddev	3.015	10.521	280.29	31.326	16.359
%RSD	.1757218	.5571312	.5079302	.3651131	.4585443

#1	1712.065	1878.490	54926.70	8592.549	3553.732
#2	1716.853	1887.098	55139.68	8543.992	3563.195
#3	1717.632	1899.422	55482.27	8602.556	3585.587

Sample Name: I2404-04DLX10 Acquired: 3/30/2017 14:28:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013909	-.002154	.0443379	.0012223	-.000235	1.917808	.0265941
Stddev	.0051852	.002854	.0008260	.0018665	.001082	.006808	.0001390
%RSD	372.7860	132.4991	1.863037	152.6995	460.7427	.3550045	.5226861

#1	.0025283	-.005449	.0440251	-.000933	-.001477	1.917510	.0264367
#2	.0059130	-.000560	.0437139	.002308	.000273	1.924760	.0266454
#3	-.004269	-.000453	.0452746	.002292	.000500	1.911154	.0267002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001974	.0007869	139.6376	.0111562	.0001084	.0228242	3.214563
Stddev	.0000185	.0001144	.3576	.0001865	.0002761	.0004917	.010856
%RSD	9.366309	14.53188	.2561069	1.672024	254.7041	2.154135	.3377198

#1	.0002069	.0006889	139.7701	.0113613	.0003682	.0225612	3.216248
#2	.0002092	.0009126	139.2327	.0109966	.0001385	.0225200	3.202963
#3	.0001761	.0007593	139.9101	.0111106	-.000182	.0233915	3.224478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542524	.8762896	.0020885	.0000326	.4431003	.0086050	.0532771
Stddev	.0004025	.0057912	.0004780	.0001583	.0834287	.0011942	.0063927
%RSD	.7419470	.6608779	22.88646	485.7909	18.82840	13.87762	11.99902

#1	.0542445	.8824315	.0025865	.0001037	.5238065	.0093231	.0475415
#2	.0538539	.8755090	.0020457	-.000149	.3571925	.0092653	.0521207
#3	.0546588	.8709282	.0016334	.000143	.4483018	.0072265	.0601691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528666	.4316304	-.008676	.0000204	.2041282	.2056930	-.001340
Stddev	.0067559	.0027878	.001035	.0001795	.0047071	.0013945	.001350
%RSD	12.77919	.6458750	11.92778	877.6815	2.305947	.6779633	100.7417

#1	.0573629	.4338805	-.009158	.0000401	.2085794	.2072924	-.002255
#2	.0450976	.4285117	-.007488	.0001894	.1992014	.2047316	-.001975
#3	.0561392	.4324989	-.009381	-.000168	.2046038	.2050549	.000210

Sample Name: I2404-04DLX10 Acquired: 3/30/2017 14:28:25 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0197649	-.000199	.2521114
Stddev	.0004241	.001332	.0004275
%RSD	2.145977	670.6720	.1695725

#1	.0193682	-.000420	.2525795
#2	.0197146	-.001406	.2520130
#3	.0202120	.001231	.2517417

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.446	1802.517	52824.50	8303.572	3383.462
Stddev	6.215	2.801	373.04	34.018	6.986
%RSD	.3804857	.1553918	.7061819	.4096842	.2064667

#1	1637.909	1803.036	52840.71	8267.063	3378.579
#2	1626.348	1805.023	52443.63	8334.378	3391.463
#3	1636.082	1799.493	53189.17	8309.277	3380.342

Sample Name: I2404-05DLX10 Acquired: 3/30/2017 14:32:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0008019	.0383270	-.000685	.0000110	2.951162	.0298095
Stddev	.004068	.0019852	.0021515	.001189	.0006684	.012924	.0003171
%RSD	13310.15	247.5628	5.613439	173.6600	6060.268	.4379458	1.063640

#1	-.004573	.0013906	.0359536	-.001990	-.000753	2.962674	.0294778
#2	.001205	-.001411	.0388781	.000336	.000486	2.937181	.0298412
#3	.003276	.002426	.0401493	-.000399	.000300	2.953632	.0301095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003712	.0005095	149.4861	.0087341	.0001048	.0113007	3.005147
Stddev	.0000276	.0000443	.8573	.0005875	.0003996	.0003808	.016971
%RSD	7.436294	8.693970	.5735132	6.726061	381.4043	3.369685	.5647466

#1	.0003430	.0004658	149.6031	.0087275	.0002663	.0108723	2.995139
#2	.0003722	.0005544	148.5763	.0093248	.0003983	.0116008	2.995560
#3	.0003982	.0005084	150.2789	.0081499	-.000350	.0114290	3.024743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018709	35.65027	.0025756	.0000149	.5258282	.0054639	.9591971
Stddev	.0007700	.32894	.0002994	.0001795	.0253762	.0012763	.0123891
%RSD	.7558298	.9226923	11.62284	1205.377	4.825947	23.35821	1.291612

#1	.1012889	35.70811	.0026620	-.000070	.5543443	.0058133	.9732920
#2	.1015799	35.29624	.0028223	-.000107	.5174076	.0065291	.9542688
#3	.1027440	35.94646	.0022426	.000221	.5057328	.0040493	.9500305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925591	.4528690	-.006015	-.000166	.7498368	.3451375	-.002067
Stddev	.0217651	.0074285	.000521	.000243	.0053900	.0023624	.000534
%RSD	7.439570	1.640322	8.664741	146.2957	.7188163	.6844864	25.82346

#1	.2716469	.4598330	-.006284	.000064	.7502350	.3440022	-.002449
#2	.3150871	.4450500	-.005415	-.000421	.7442588	.3435571	-.002294
#3	.2909434	.4537240	-.006348	-.000142	.7550166	.3478533	-.001457

Sample Name: I2404-05DLX10 Acquired: 3/30/2017 14:32:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0586193	.0027753	.1723180
Stddev	.0012532	.0006930	.0003990
%RSD	2.137874	24.97205	.2315374

#1	.0587659	.0035671	.1726023
#2	.0572992	.0024799	.1718619
#3	.0597928	.0022788	.1724899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.874	1763.053	51855.23	8215.927	3277.664
Stddev	6.321	10.335	84.66	47.044	10.899
%RSD	.3963305	.5861870	.1632704	.5725933	.3325365

#1	1588.965	1755.668	51800.04	8194.292	3269.142
#2	1594.117	1774.864	51812.94	8269.896	3289.945
#3	1601.539	1758.629	51952.71	8183.592	3273.904

Sample Name: I2404-08DLX10 Acquired: 3/30/2017 14:36:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	-.000615	.0218731	.0014586	-.000992	1.209913	.0077790
Stddev	.000953	.001254	.0007978	.0019081	.001095	.006157	.0001430
%RSD	296.9519	203.7449	3.647238	130.8106	110.3985	.5088693	1.838437

#1	-.001238	-.001585	.0213255	.0010660	.000247	1.206924	.0077656
#2	.000664	.000800	.0215054	.0035325	-.001829	1.205821	.0076431
#3	-.000388	-.001061	.0227884	-.000223	-.001394	1.216994	.0079282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001244	.0003599	190.7661	.0098354	-.000190	.0082386	1.289295
Stddev	.0000305	.0000302	.8705	.0002673	.000085	.0031462	.001818
%RSD	24.49970	8.380457	.4563426	2.718023	44.60801	38.18861	.1409961

#1	.0001564	.0003633	191.1809	.0098547	-.000266	.0114862	1.288769
#2	.0000957	.0003281	191.3517	.0100926	-.000206	.0052046	1.287798
#3	.0001212	.0003882	189.7658	.0095590	-.000099	.0080251	1.291317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475063	31.69758	.0023228	.0003937	.7175523	.0087836	.0324920
Stddev	.0001697	.03796	.0003734	.0002175	.1062162	.0004615	.0015249
%RSD	.3572503	.1197511	16.07631	55.25096	14.80256	5.253705	4.693277

#1	.0476072	31.66846	.0019238	.0001654	.6889197	.0085997	.0317932
#2	.0476013	31.74051	.0026639	.0004173	.8351498	.0084425	.0342411
#3	.0473103	31.68378	.0023806	.0005985	.6285875	.0093087	.0314417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1896247	.6396416	-.007939	.0003047	.6146959	.1722437	-.003673
Stddev	.0296214	.0174652	.001236	.0002518	.0172844	.0015334	.000668
%RSD	15.62103	2.730470	15.56641	82.65488	2.811869	.8902355	18.19889

#1	.2093134	.6241001	-.007112	.0002929	.6048826	.1740113	-.004431
#2	.2040021	.6362821	-.007346	.0000589	.6045517	.1712713	-.003167
#3	.1555587	.6585425	-.009360	.0005622	.6346533	.1714485	-.003422

Sample Name: I2404-08DLX10 Acquired: 3/30/2017 14:36:43 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0104871	.0014790	.2029872
Stddev	.0010111	.0011780	.0003982
%RSD	9.641748	79.64655	.1961434

#1	.0102608	.0001708	.2032761
#2	.0096083	.0018103	.2031526
#3	.0115922	.0024558	.2025331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.790	1758.383	52157.71	8166.661	3249.668
Stddev	9.107	32.039	152.46	35.980	66.724
%RSD	.5646800	1.822083	.2923086	.4405658	2.053249

#1	1603.768	1772.452	52044.61	8148.593	3284.629
#2	1612.622	1780.981	52097.42	8143.295	3291.646
#3	1621.980	1721.717	52331.10	8208.093	3172.728

Sample Name: I2404-09DLX10 Acquired: 3/30/2017 14:40:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007234	-.001373	.0250818	-.001005	-.001695	1.178723	.0097812
Stddev	.0024890	.001174	.0001986	.001591	.000704	.010667	.0003575
%RSD	344.0494	85.50286	.7918600	158.3362	41.51529	.9049644	3.655355

#1	-.002135	-.000439	.0252375	-.000343	-.002320	1.180766	.0101754
#2	.002413	-.000989	.0251498	.000148	-.000933	1.188221	.0094778
#3	.001892	-.002690	.0248581	-.002820	-.001832	1.167182	.0096905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001032	.0002987	148.1241	.0391991	-.000090	.0164207	1.424733
Stddev	.0000654	.0000980	.0688	.0005407	.000076	.0011274	.016982
%RSD	63.41800	32.81543	.0464305	1.379428	84.46041	6.865760	1.191924

#1	.0001606	.0002770	148.1615	.0386302	-.000119	.0156624	1.437005
#2	.0000319	.0002133	148.0447	.0392609	-.000148	.0158835	1.405352
#3	.0001170	.0004057	148.1661	.0397063	-.000004	.0177163	1.431841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491654	36.59821	.0028246	.0014288	.5535296	.0065780	.0406651
Stddev	.0008443	.13589	.0002708	.0000441	.1012559	.0004818	.0054218
%RSD	1.717251	.3712925	9.588110	3.085680	18.29277	7.324391	13.33293

#1	.0481959	36.74976	.0025524	.0014281	.6091385	.0071298	.0465685
#2	.0495617	36.55763	.0030941	.0014732	.6147953	.0062411	.0395186
#3	.0497387	36.48723	.0028272	.0013851	.4366550	.0063630	.0359082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508385	.4441616	-.007630	.0003396	.6804071	.1535699	-.002915
Stddev	.0271283	.0037329	.000954	.0001228	.0038113	.0012042	.000214
%RSD	17.98500	.8404308	12.50760	36.15667	.5601514	.7841655	7.352488

#1	.1563831	.4409611	-.007693	.0003482	.6760667	.1549467	-.002678
#2	.1213662	.4482622	-.006645	.0002127	.6832072	.1527128	-.002972
#3	.1747661	.4432615	-.008551	.0004578	.6819473	.1530501	-.003095

Sample Name: I2404-09DLX10 Acquired: 3/30/2017 14:40:51 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0122292	.0009122	.2025711
Stddev	.0004920	.0003030	.0004783
%RSD	4.023187	33.21440	.2360932

#1	.0118304	.0012494	.2028618
#2	.0120783	.0006627	.2028323
#3	.0127790	.0008247	.2020191

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.318	1794.455	52124.64	8221.322	3351.898
Stddev	18.774	11.071	266.38	16.859	13.542
%RSD	1.162986	.6169583	.5110393	.2050669	.4040098

#1	1593.077	1782.249	51857.31	8202.267	3339.202
#2	1628.694	1797.266	52390.05	8227.397	3350.341
#3	1621.181	1803.849	52126.57	8234.302	3366.151

Sample Name: I2404-10DLX10 Acquired: 3/30/2017 14:44:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000798	.0001490	.1011243	.0016454	-.001837	1.370847	.0246938
Stddev	.000910	.0011982	.0008393	.0028183	.000327	.009838	.0002714
%RSD	114.0565	804.1716	.8299843	171.2846	17.81588	.7176920	1.099025

#1	-.001619	-.001155	.1014105	.0003083	-.002187	1.381302	.0249230
#2	-.000954	.000399	.1001793	-.000255	-.001787	1.369469	.0247643
#3	.000180	.001202	.1017831	.004883	-.001538	1.361770	.0243942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001150	.0249162	35.78314	.1601304	.0033795	.3058016	2.787207
Stddev	.0000607	.0002735	.12528	.0004953	.0000407	.0007084	.024277
%RSD	52.76946	1.097678	.3501116	.3093364	1.204338	.2316526	.8710199

#1	.0000473	.0248776	35.72183	.1604306	.0034260	.3049968	2.805045
#2	.0001333	.0252069	35.92727	.1604020	.0033504	.3063308	2.759560
#3	.0001644	.0246640	35.70032	.1595587	.0033622	.3060772	2.797017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762751	.5399531	1.332434	.0009641	.3229413	.0078773	.1866718
Stddev	.0015490	.0360186	.013708	.0003259	.1546419	.0027902	.0044595
%RSD	2.030859	6.670692	1.028819	33.80743	47.88546	35.42083	2.388961

#1	.0779602	.5712762	1.332663	.0013401	.4732717	.0100873	.1853490
#2	.0749132	.5479874	1.346026	.0007898	.1643212	.0047420	.1830233
#3	.0759519	.5005958	1.318613	.0007623	.3312310	.0088025	.1916430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699044	.3039847	-.003682	.0000841	.2034551	.2314333	.0025124
Stddev	.0346112	.0060275	.000949	.0002170	.0016241	.0011773	.0002111
%RSD	49.51220	1.982812	25.78806	258.0873	.7982520	.5087083	8.403403

#1	.0874481	.3010708	-.002752	.0003300	.2027423	.2327518	.0026166
#2	.0922309	.3109154	-.003642	.0000025	.2053137	.2310610	.0026512
#3	.0300343	.2999680	-.004650	-.000080	.2023094	.2304872	.0022694

Sample Name: I2404-10DLX10 Acquired: 3/30/2017 14:44:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0360033	-.000130	.1222021
Stddev	.0011662	.000453	.0006751
%RSD	3.239244	348.9425	.5524602

#1	.0354207	.000043	.1224930
#2	.0352432	.000211	.1226830
#3	.0373461	-.000644	.1214303

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.902	1903.155	55430.54	8408.033	3694.782
Stddev	12.721	20.159	378.18	10.715	40.960
%RSD	.7392317	1.059224	.6822533	.1274344	1.108603

#1	1719.921	1898.754	55286.58	8396.450	3683.029
#2	1708.699	1885.561	55145.49	8410.060	3660.983
#3	1734.085	1925.151	55859.56	8417.590	3740.334

Sample Name: I2404-18DLX10 Acquired: 3/30/2017 14:49:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545265	.0030426	.0464332	.0003447	.0128731	1.520144	.1256844
Stddev	.0024212	.0018742	.0016662	.0019437	.0001762	.020497	.0016923
%RSD	4.440364	61.60104	3.588330	563.8615	1.369019	1.348365	1.346431

#1	.0571960	.0009727	.0459201	.0017481	.0129582	1.542843	.1275029
#2	.0524724	.0046248	.0450840	.0011599	.0126704	1.502989	.1241559
#3	.0539111	.0035302	.0482956	-.001874	.0129906	1.514601	.1253945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002567	.0450220	71.42860	.7498853	.0543352	3.672775	13.09766
Stddev	.0000584	.0002614	.56885	.0016472	.0002739	.054761	.10303
%RSD	22.73930	.5806066	.7963868	.2196651	.5040430	1.490993	.7865910

#1	.0002599	.0448093	72.07875	.7490181	.0540721	3.735139	13.21123
#2	.0001969	.0449429	71.18461	.7517849	.0546187	3.632548	13.01020
#3	.0003135	.0453138	71.02245	.7488527	.0543148	3.650639	13.07155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989645	31.39849	.7139587	.0011101	.1545965	.0250717	.1255015
Stddev	.0023199	.21000	.0040404	.0000686	.1142487	.0016176	.0048298
%RSD	1.165978	.6688328	.5659198	6.181727	73.90120	6.451768	3.848429

#1	.2014838	31.63814	.7093944	.0011635	.0865376	.0251149	.1310410
#2	.1969163	31.31076	.7154040	.0011342	.2864970	.0266672	.1232912
#3	.1984934	31.24658	.7170777	.0010327	.0907549	.0234330	.1221724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6296115	.1387322	-.010515	.0013608	.1138256	.1325919	-.001950
Stddev	.0064618	.0017470	.000429	.0001787	.0041754	.0005256	.001346
%RSD	1.026317	1.259243	4.082448	13.13152	3.668218	.3964344	69.04177

#1	.6356513	.1405916	-.010978	.0015670	.1171607	.1324040	-.003338
#2	.6227975	.1384800	-.010129	.0012523	.1151734	.1321860	-.001862
#3	.6303856	.1371251	-.010439	.0012630	.1091428	.1331856	-.000650

Sample Name: I2404-18DLX10 Acquired: 3/30/2017 14:49:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0484078	.0006049	.0455661
Stddev	.0014432	.0006709	.0006048
%RSD	2.981231	110.9228	1.327387

#1	.0490402	.0005688	.0462614
#2	.0494268	.0012931	.0451616
#3	.0467564	-.000047	.0452752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.308	1822.863	53253.63	8260.659	3455.848
Stddev	3.489	5.238	176.72	79.320	12.326
%RSD	.2112587	.2873233	.3318534	.9602159	.3566650

#1	1647.308	1828.903	53092.87	8169.222	3469.983
#2	1652.897	1819.575	53225.14	8301.773	3447.342
#3	1653.720	1820.111	53442.86	8310.981	3450.217

Sample Name: I2407-01DLX10 Acquired: 3/30/2017 14:53:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	-.001695	.0336462	-.001055	-.000843	1.526517	.0238284
Stddev	.002202	.001068	.0005237	.002122	.000239	.009590	.0003248
%RSD	2716.945	63.04205	1.556519	201.2305	28.38147	.6282383	1.363262

#1	.000483	-.001400	.0340045	-.002381	-.000578	1.516552	.0240292
#2	-.002510	-.002879	.0330452	-.002177	-.000909	1.527319	.0234536
#3	.001784	-.000805	.0338890	.001393	-.001043	1.535682	.0240023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001165	.0005559	166.6396	.0085828	.0018378	.0148662	1.680820
Stddev	.0000328	.0000452	.4381	.0002923	.0001770	.0020282	.002894
%RSD	28.14263	8.137764	.2629271	3.405247	9.632014	13.64296	.1721986

#1	.0000946	.0005181	166.3162	.0089188	.0019866	.0163533	1.681998
#2	.0001007	.0005435	167.1382	.0084423	.0016420	.0156895	1.682940
#3	.0001542	.0006060	166.4643	.0083873	.0018847	.0125559	1.677523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544735	32.91716	.0040911	.0000452	.3775588	.0042131	.8892472
Stddev	.0006918	.05153	.0001557	.0003067	.0590591	.0005036	.0055047
%RSD	1.269909	.1565507	3.805321	678.1889	15.64236	11.95207	.6190326

#1	.0544046	32.91568	.0040588	-.000211	.3319523	.0036586	.8837989
#2	.0551971	32.86639	.0039541	.000385	.4442712	.0046418	.8948067
#3	.0538187	32.96942	.0042604	-.000039	.3564529	.0043391	.8891361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2167794	.5179792	-.008759	.0000888	.5914598	.3434237	-.001943
Stddev	.0082006	.0038401	.000685	.0001895	.0089073	.0022953	.000319
%RSD	3.782910	.7413547	7.824303	213.5089	1.505982	.6683479	16.40235

#1	.2110964	.5207171	-.009550	-.000120	.5834228	.3454339	-.001839
#2	.2130614	.5135896	-.008394	.000251	.5899201	.3439145	-.002300
#3	.2261804	.5196308	-.008334	.000135	.6010366	.3409228	-.001689

Sample Name: I2407-01DLX10 Acquired: 3/30/2017 14:53:09 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0176000	.0008736	.1794838
Stddev	.0010858	.0007013	.0006753
%RSD	6.169487	80.27400	.3762225

#1	.0188368	.0002142	.1800425
#2	.0171593	.0016103	.1796754
#3	.0168037	.0007963	.1787334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.846	1774.504	52178.79	8238.861	3304.579
Stddev	.351	6.822	170.08	36.018	2.615
%RSD	.0216503	.3844202	.3259518	.4371693	.0791202

#1	1622.828	1774.065	52204.33	8227.058	3305.865
#2	1622.505	1767.913	51997.38	8210.225	3301.571
#3	1623.207	1781.535	52334.65	8279.299	3306.302

Sample Name: I2407-08DLX10 Acquired: 3/30/2017 14:57:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDA CE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000609	-.001769	.0536559	.0017531	.0050125	2.495967	.0240685
Stddev	.001044	.001619	.0003766	.0032068	.0007622	.004595	.0001849
%RSD	171.5071	91.50382	.7018047	182.9279	15.20528	.1840969	.7680372

#1	-.001229	.000097	.0540498	.0031630	.0043009	2.497740	.0239402
#2	-.001194	-.002795	.0532994	.0040134	.0058167	2.499412	.0239849
#3	.000597	-.002609	.0536185	-.001917	.0049198	2.490750	.0242804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001857	.0011993	175.4606	.4815481	-.000187	.0220422	1.785068
Stddev	.0000335	.0000424	.4942	.0019649	.000276	.0025074	.026188
%RSD	18.05344	3.533602	.2816733	.4080364	147.8241	11.37562	1.467057

#1	.0002126	.0011538	175.9450	.4794800	-.000472	.0198610	1.811450
#2	.0001963	.0012376	174.9572	.4833902	.000080	.0214839	1.784675
#3	.0001481	.0012066	175.4796	.4817742	-.000168	.0247818	1.759079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272250	1.061736	.2107922	.0001405	.3257477	.0065274	.1122015
Stddev	.0002361	.004158	.0027456	.0001059	.0769369	.0022639	.0038906
%RSD	.8671344	.3915898	1.302494	75.38806	23.61854	34.68233	3.467466

#1	.0273753	1.060134	.2077677	.0001842	.2602805	.0046353	.1110876
#2	.0273468	1.066456	.2131276	.0000197	.3064736	.0090355	.1089894
#3	.0269529	1.058618	.2114813	.0002176	.4104891	.0059115	.1165275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0792273	.6088615	-.007939	-.000120	.1285302	.3092654	-.003447
Stddev	.0334683	.0053933	.000484	.000116	.0050698	.0010290	.000480
%RSD	42.24341	.8857966	6.092315	96.60018	3.944410	.3327296	13.91634

#1	.1178351	.6026544	-.007478	-.000251	.1299925	.3085842	-.003140
#2	.0614078	.6124021	-.008443	-.000030	.1228900	.3104491	-.003201
#3	.0584389	.6115280	-.007897	-.000079	.1327081	.3087629	-.003999

Sample Name: I2407-08DLX10 Acquired: 3/30/2017 14:57:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0142018	-.000804	.2313489
Stddev	.0012386	.000521	.0001383
%RSD	8.721690	64.71088	.0597748

#1	.0127853	-.000851	.2314755
#2	.0150815	-.000262	.2313698
#3	.0147385	-.001300	.2312013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.485	1838.709	53038.02	8282.565	3421.272
Stddev	20.008	17.178	150.74	29.725	34.359
%RSD	1.220386	.9342567	.2842040	.3588841	1.004267

#1	1616.502	1856.209	52913.72	8250.458	3458.465
#2	1648.944	1821.871	52994.67	8288.110	3390.715
#3	1653.011	1838.048	53205.69	8309.127	3414.637

Sample Name: I2407-12DLX10 Acquired: 3/30/2017 15:01:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001212	-.000091	.0057147	.0012413	-.001922	1.630773	.0089988
Stddev	.001666	.000356	.0003509	.0011686	.000427	.005985	.0006341
%RSD	137.4540	390.5375	6.139885	94.14202	22.20961	.3669817	7.046485

#1	.000641	-.000212	.0053134	-.000108	-.002402	1.627360	.0096431
#2	-.002586	-.000371	.0059636	.001890	-.001587	1.637683	.0089778
#3	-.001690	.000309	.0058671	.001941	-.001776	1.627275	.0083755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000213	.0008213	1.129252	.0594086	.0000783	.0092665	.5067051
Stddev	.0000114	.0000833	.013809	.0002931	.0000571	.0021161	.0123877
%RSD	53.52395	10.13904	1.222824	.4933232	72.91106	22.83548	2.444756

#1	.0000083	.0007753	1.140187	.0590847	.0000326	.0071022	.4929496
#2	.0000259	.0007711	1.133835	.0596554	.0001423	.0093666	.5101851
#3	.0000296	.0009174	1.113735	.0594857	.0000601	.0113308	.5169806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031912	.0153813	.9437989	.0014508	.1175320	.0030379	.0378503
Stddev	.0008470	.0133385	.0017056	.0001616	.1526761	.0005189	.0045890
%RSD	26.54150	86.71926	.1807139	11.13699	129.9017	17.08067	12.12400

#1	.0024288	.0157370	.9438801	.0012975	.2927159	.0030936	.0329968
#2	.0030419	.0285384	.9420542	.0016195	.0470553	.0024934	.0384354
#3	.0041029	.0018684	.9454624	.0014354	.0128247	.0035267	.0421186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180660	.0481867	-.008957	-.000145	.0280852	.2367407	-.000323
Stddev	.0360386	.0020625	.001091	.000180	.0014162	.0012780	.000177
%RSD	199.4834	4.280117	12.18115	124.3489	5.042362	.5398368	54.72209

#1	.0592171	.0478726	-.007702	-.000118	.0269306	.2367547	-.000156
#2	-.007869	.0503882	-.009487	.000021	.0276596	.2380116	-.000306
#3	.002850	.0462993	-.009682	-.000336	.0296653	.2354557	-.000508

Sample Name: I2407-12DLX10 Acquired: 3/30/2017 15:01:24 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0224590	-.002298	.0087633
Stddev	.0004170	.000748	.0000269
%RSD	1.856613	32.55759	.3069905

#1	.0229192	-.001725	.0087839
#2	.0223515	-.002024	.0087733
#3	.0221064	-.003145	.0087329

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.030	1911.929	56014.70	8493.223	3785.434
Stddev	10.792	5.879	27.79	67.221	8.575
%RSD	.6205854	.3074690	.0496141	.7914709	.2265308

#1	1730.886	1905.617	56017.94	8427.490	3776.832
#2	1734.932	1917.247	55985.43	8490.340	3793.982
#3	1751.270	1912.924	56040.73	8561.840	3785.488

Sample Name: I2407-14DLX10 Acquired: 3/30/2017 15:05:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537806	-.001788	.4867352	.0003514	.0085595	.1978675	.0009788
Stddev	.0018067	.002763	.0007193	.0021319	.0003362	.0036379	.0001388
%RSD	3.359418	154.4913	.1477870	606.6196	3.928332	1.838573	14.18361

#1	.0549239	.000235	.4860915	.0013052	.0083222	.1945662	.0008239
#2	.0547202	-.004936	.4866024	.0018399	.0084119	.1972686	.0010919
#3	.0516977	-.000664	.4875117	-.002091	.0089443	.2017678	.0010206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002371	.0039450	207.2855	.0048433	.0103152	.1259755	19.90536
Stddev	.0000588	.0000388	1.1696	.0003221	.0004282	.0018276	.07482
%RSD	24.79666	.9825197	.5642464	6.650815	4.151370	1.450790	.3758634

#1	.0001992	.0039886	206.1613	.0051858	.0104827	.1279833	19.81899
#2	.0002072	.0039143	207.1994	.0045465	.0098286	.1244087	19.94686
#3	.0003049	.0039323	208.4958	.0047974	.0106344	.1255345	19.95021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4468371	116.9318	.0119021	-.001035	.2225456	.0320824	.3248958
Stddev	.0035066	.5694	.0005947	.000459	.1166872	.0015881	.0039362
%RSD	.7847675	.4869326	4.996767	44.33084	52.43296	4.949994	1.211524

#1	.4440221	116.6016	.0115653	-.001239	.2786891	.0339117	.3286411
#2	.4457239	116.6045	.0125887	-.000510	.0883991	.0310568	.3207931
#3	.4507652	117.5893	.0115522	-.001357	.3005486	.0312788	.3252532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243164	.1379306	-.013475	.0037574	.0602138	.2359390	-.004014
Stddev	.0122885	.0009497	.000599	.0001261	.0006273	.0007592	.000449
%RSD	50.53583	.6885696	4.443306	3.355367	1.041812	.3217898	11.17578

#1	.0119842	.1373808	-.012820	.0036856	.0602797	.2367671	-.003962
#2	.0365607	.1373837	-.013612	.0039030	.0608056	.2352758	-.004486
#3	.0244041	.1390273	-.013994	.0036837	.0595562	.2357742	-.003593

Sample Name: I2407-14DLX10 Acquired: 3/30/2017 15:05:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009708	-.001386	.0276759
Stddev	.0009383	.000812	.0001133
%RSD	96.65363	58.58239	.4091903

#1	.0018277	-.000555	.0275556
#2	-.000032	-.001426	.0277805
#3	.001116	-.002178	.0276916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1573.627	1719.110	51059.31	8179.808	3130.919
Stddev	17.947	6.306	214.24	24.098	7.315
%RSD	1.140479	.3667974	.4195977	.2946050	.2336355

#1	1553.180	1714.785	50817.86	8186.433	3128.503
#2	1586.769	1726.345	51226.69	8199.900	3139.136
#3	1580.934	1716.200	51133.37	8153.090	3125.117

Sample Name: PB97930BL Acquired: 3/30/2017 15:09:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB97930BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008403	.0015997	-.000223	.0017353	-.001210	-.003589
Stddev	.0017850	.0009284	.002153	.0018437	.000248	.007284
%RSD	212.4229	58.03299	966.5586	106.2475	20.53558	202.9461

#1	-.001200	.0026655	.002244	.0012876	-.000927	-.001266
#2	.001609	.0011665	-.001183	.0037617	-.001391	-.011752
#3	.002112	.0009671	-.001729	.0001567	-.001311	.002250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001719	.0000014	-.000078	.0083458	.0001885	.0000215
Stddev	.000305	.0000323	.000062	.0020770	.0002908	.0003344
%RSD	17.74867	2276.472	78.95514	24.88730	154.2855	1558.536

#1	-.001461	-.000010	-.000149	.0060601	.0004970	.0003757
#2	-.002056	-.000023	-.000036	.0101178	-.000080	-.000022
#3	-.001640	.000038	-.000049	.0088595	.000149	-.000289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000702	.0002505	.0002880	-.029755	.0000578	.0000881
Stddev	.000526	.0084250	.0001877	.037262	.0002398	.0001904
%RSD	74.96795	3363.826	65.15405	125.2268	414.6273	216.0706

#1	-.000138	-.008366	.0000789	-.005183	.0002157	.0002896
#2	-.001179	.008470	.0003434	-.072629	.0001759	-.000089
#3	-.000789	.000647	.0004418	-.011454	-.000218	.000064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654785	.0023349	.0083550	.0762625	-.001628	F -.012094
Stddev	.1493121	.0017885	.0053944	.0179282	.002145	.001583
%RSD	228.0321	76.59713	64.56520	23.50849	131.7406	13.09280

#1	.2248993	.0034663	.0140393	.0661025	-.002193	-.011598
#2	.0426264	.0002730	.0033069	.0969630	.000743	-.013866
#3	-.071090	.0032653	.0077188	.0657219	-.003434	-.010817

Sample Name: PB97930BL Acquired: 3/30/2017 15:09:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB97930BL Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	-.003999	-.002690	-.000196	-.001163	-.002384
Stddev	.000138	.002117	.000601	.000790	.000776	.000380
%RSD	56.08582	52.94534	22.32920	403.7854	66.72113	15.93102

#1	-.000104	-.006394	-.003379	-.001080	-.001884	-.002600
#2	-.000256	-.003230	-.002274	.000056	-.000342	-.001946
#3	-.000380	-.002374	-.002418	.000438	-.001261	-.002607

Elem	Sr4077
Units	ppm
Avg	-.000095
Stddev	.000009
%RSD	9.658865

#1	-.000101
#2	-.000085
#3	-.000100

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.468	1912.521	55224.50	8301.363	3807.668
Stddev	7.000	12.956	264.98	3.853	16.312
%RSD	.4068814	.6774126	.4798226	.0464104	.4283971

#1	1712.719	1897.569	54936.58	8303.260	3788.973
#2	1722.350	1919.587	55278.80	8296.930	3819.001
#3	1726.335	1920.407	55458.13	8303.900	3815.032

Sample Name: PB97930BS Acquired: 3/30/2017 15:13:54 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB97930BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175614	.0531764	.0193014	.0659861	.1172822	.3983750
Stddev	.0014358	.0010320	.0007235	.0018592	.0013141	.0036808
%RSD	8.175837	1.940722	3.748194	2.817527	1.120443	.9239429

#1	.0188631	.0521391	.0193494	.0676688	.1179047	.3965736
#2	.0178000	.0531872	.0199997	.0639902	.1181694	.4026094
#3	.0160213	.0542030	.0185552	.0662995	.1157726	.3959418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4200897	.0105478	.0093948	10.02896	.0221131	.0913384
Stddev	.0012177	.0000663	.0000717	.07582	.0002919	.0006466
%RSD	.2898577	.6289242	.7633131	.7559638	1.319975	.7079610

#1	.4188567	.0106070	.0094314	9.94309	.0224067	.0919852
#2	.4212914	.0105602	.0094408	10.05713	.0221096	.0906920
#3	.4201209	.0104761	.0093121	10.08666	.0218230	.0913381

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543829	.2199581	.0316951	9.849230	.0800198	.0188947
Stddev	.0012645	.0133255	.0005244	.096172	.0000984	.0003972
%RSD	2.325134	6.058213	1.654514	.9764409	.1229739	2.101937

#1	.0553318	.2046252	.0314186	9.746272	.0800992	.0192944
#2	.0548694	.2265083	.0322998	9.936748	.0799097	.0188897
#3	.0529474	.2287409	.0313667	9.864671	.0800505	.0185002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31443	.1111966	.1139470	10.20505	.0255033	.0105860
Stddev	.09441	.0016289	.0045854	.05053	.0018388	.0006777
%RSD	.9153602	1.464902	4.024199	.4951913	7.209907	6.401648

#1	10.20544	.1121590	.1192133	10.14878	.0272322	.0113676
#2	10.36666	.1093158	.1117887	10.24657	.0257061	.0101613
#3	10.37119	.1121148	.1108389	10.21980	.0235715	.0102293

Sample Name: PB97930BS Acquired: 3/30/2017 15:13:54 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB97930BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209866	.1637867	.2075277	F .0137250	.2083890	.0992776
Stddev	.0001967	.0011822	.0016979	.0006841	.0023444	.0014661
%RSD	.9373120	.7217677	.8181308	4.984579	1.125033	1.476761

#1	.0208118	.1637615	.2060441	.0129427	.2070733	.0986283
#2	.0209484	.1626174	.2071594	.0142112	.2069979	.0982482
#3	.0211996	.1649813	.2093794	.0140212	.2110958	.1009562

Elem	Sr4077
Units	ppm
Avg	.2107585
Stddev	.0006015
%RSD	.2854041

#1	.2102837
#2	.2105569
#3	.2114349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.950	1868.513	54298.99	8251.697	3609.841
Stddev	12.581	4.321	422.65	37.689	10.474
%RSD	.7440322	.2312474	.7783668	.4567446	.2901491

#1	1684.535	1866.830	54203.60	8290.132	3598.310
#2	1682.871	1865.286	53932.20	8214.800	3612.447
#3	1705.446	1873.422	54761.18	8250.160	3618.766

Sample Name: I2453-01 Acquired: 3/30/2017 15:18:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2562262	.0045175	7.219140	-.028211	.0282329	79.61364	2.175124
Stddev	.0008828	.0024570	.020825	.002950	.0014744	.15979	.004368
%RSD	.3445524	54.38866	.2884756	10.45788	5.222330	.2007086	.2008005

#1	.2565637	.0016987	7.204524	-.029840	.0265607	79.60476	2.177585
#2	.2552244	.0062056	7.209910	-.024806	.0287918	79.45847	2.170082
#3	.2568905	.0056482	7.242985	-.029988	.0293462	79.77768	2.177707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106242	.2009127	69.67019	.0883211	.0627597	1.468930	142.4077
Stddev	.0000771	.0007859	.10923	.0001775	.0001913	.004551	.5219
%RSD	.7253224	.3911559	.1567833	.2010092	.3048193	.3098047	.3665106

#1	.0105800	.2005851	69.57770	.0885242	.0628168	1.468161	141.8274
#2	.0107132	.2003436	69.64216	.0882440	.0625464	1.464813	142.5569
#3	.0105794	.2018094	69.79070	.0881952	.0629160	1.473817	142.8388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.687682	33.02008	.1083356	.0192394	1.769362	.2704920	9.317845
Stddev	.014799	.06904	.0006708	.0002957	.019462	.0005455	.063038
%RSD	.4013185	.2090798	.6192259	1.537033	1.099935	.2016627	.6765267

#1	3.678628	32.98341	.1076326	.0189885	1.768425	.2700304	9.254540
#2	3.704761	32.97711	.1084055	.0191642	1.750386	.2710939	9.318384
#3	3.679658	33.09971	.1089688	.0195654	1.789276	.2703516	9.380612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.76810	6.512253	.0132467	.0047148	5.376368	8.381461	.0286563
Stddev	.05060	.014520	.0032035	.0003844	.020182	.128991	.0004395
%RSD	.2128814	.2229649	24.18301	8.152633	.3753847	1.539008	1.533888

#1	23.82594	6.502963	.0095547	.0042772	5.356080	8.420732	.0281501
#2	23.74632	6.504811	.0148958	.0048690	5.376581	8.486252	.0288766
#3	23.73203	6.528985	.0152896	.0049980	5.396442	8.237398	.0289421

Sample Name: I2453-01 Acquired: 3/30/2017 15:18:03 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.773561	.0751359	.5065039
Stddev	.010044	.0002618	.0008068
%RSD	.5663114	.3484505	.1592809

#1	1.782375	.0750294	.5058282
#2	1.762626	.0749441	.5062863
#3	1.775683	.0754342	.5073971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.636	2047.508	62488.96	10240.91	3205.917
Stddev	4.051	5.458	57.69	11.74	6.424
%RSD	.2147465	.2665626	.0923124	.1146384	.2003815

#1	1889.785	2053.444	62542.01	10253.15	3212.811
#2	1888.057	2042.706	62497.33	10239.84	3204.843
#3	1882.065	2046.374	62427.55	10229.74	3200.098

Sample Name: I2453-02 Acquired: 3/30/2017 15:22:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531269	-.002979	4.421779	-.026503	.0181234	81.10160	1.843454
Stddev	.0035122	.001389	.027823	.003362	.0012928	.11870	.008804
%RSD	1.387525	46.63324	.6292213	12.68545	7.133355	.1463599	.4775675

#1	.2542310	-.002534	4.391060	-.025724	.0182570	81.23860	1.850447
#2	.2491953	-.001866	4.428993	-.030187	.0193442	81.03696	1.833568
#3	.2559544	-.004536	4.445285	-.023599	.0167690	81.02926	1.846346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103251	.1475702	280.8990	.0958698	.0662005	.9136062	144.2604
Stddev	.0000327	.0007818	.8580	.0007022	.0002455	.0007973	.5279
%RSD	.3169979	.5297566	.3054613	.7324209	.3708938	.0872703	.3659391

#1	.0103096	.1470212	280.3753	.0961547	.0662692	.9130468	143.7620
#2	.0103029	.1472241	280.4325	.0950699	.0659279	.9145191	144.8135
#3	.0103627	.1484653	281.8893	.0963847	.0664044	.9132527	144.2059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.579182	42.85355	.1106718	.0066417	1.842458	.3185003	8.832562
Stddev	.007500	.08890	.0002181	.0001864	.143514	.0019340	.015436
%RSD	.2908044	.2074604	.1970878	2.805687	7.789245	.6072200	.1747616

#1	2.570669	42.92623	.1108641	.0068478	2.007867	.3207054	8.821679
#2	2.584815	42.88000	.1104348	.0064851	1.768486	.3177039	8.825779
#3	2.582064	42.75443	.1107165	.0065922	1.751023	.3170918	8.850228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.57883	5.604290	.0186975	.0027313	7.094641	4.373528	.0176542
Stddev	.04667	.043057	.0020519	.0001434	.039408	.032256	.0022780
%RSD	.2267640	.7682875	10.97400	5.250694	.5554557	.7375328	12.90339

#1	20.57699	5.570260	.0210642	.0025918	7.061221	4.358360	.0202657
#2	20.53311	5.589915	.0176100	.0027239	7.084607	4.351652	.0166211
#3	20.62639	5.652696	.0174184	.0028783	7.138096	4.410573	.0160758

Sample Name: I2453-02 Acquired: 3/30/2017 15:22:01 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.511527	.0867589	.6943935
Stddev	.003545	.0004487	.0011803
%RSD	.2345165	.5171505	.1699720

#1	1.513751	.0871783	.6949151
#2	1.507439	.0868126	.6930423
#3	1.513392	.0862858	.6952232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.255	1954.760	58920.51	9905.183	2974.151
Stddev	7.983	10.877	122.60	18.753	16.394
%RSD	.4474364	.5564533	.2080837	.1893229	.5512227

#1	1775.075	1964.903	58841.93	9923.103	2991.250
#2	1789.570	1956.104	59061.79	9885.696	2972.635
#3	1788.122	1943.273	58857.82	9906.749	2958.567

Sample Name: I2453-03 Acquired: 3/30/2017 15:26:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4403799	.0023285	9.910527	-.025820	.0276967	89.77110	2.854339
Stddev	.0008961	.0014104	.071484	.001729	.0004146	.08365	.005243
%RSD	.2034897	60.57183	.7212922	6.697485	1.496757	.0931866	.1836952

#1	.4403690	.0007780	9.873999	-.025130	.0272205	89.71162	2.854895
#2	.4394892	.0026723	9.864687	-.024542	.0278928	89.73494	2.848840
#3	.4412813	.0035352	9.992894	-.027788	.0279768	89.86676	2.859283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153501	.2625413	269.6461	.0924421	.0703637	1.912915	146.8923
Stddev	.0001609	.0028020	.9826	.0034113	.0008523	.001970	.2930
%RSD	1.048191	1.067252	.3643960	3.690207	1.211255	.1029833	.1994611

#1	.0152871	.2614297	269.7567	.0901559	.0699994	1.913860	146.7094
#2	.0155330	.2604657	268.6128	.0963631	.0697542	1.914234	146.7373
#3	.0152304	.2657285	270.5686	.0908072	.0713376	1.910650	147.2302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.205449	45.10896	.1169527	.0240125	2.065691	.3273611	12.05885
Stddev	.009692	.08977	.0016887	.0005051	.091297	.0015248	.25394
%RSD	.3023587	.1989972	1.443904	2.103312	4.419669	.4657885	2.105875

#1	3.205885	45.05894	.1163325	.0242600	2.090917	.3256279	11.96567
#2	3.195547	45.21259	.1156618	.0243462	1.964433	.3284963	12.34622
#3	3.214916	45.05535	.1188638	.0234315	2.141722	.3279590	11.86466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.31503	7.012611	.0314715	.0039313	7.371076	6.250498	.0344352
Stddev	.11301	.047689	.0016389	.0002969	.046707	.082007	.0015917
%RSD	.5301699	.6800419	5.207665	7.552873	.6336553	1.312012	4.622226

#1	21.18851	6.966088	.0326223	.0036646	7.348483	6.157225	.0355043
#2	21.35062	7.010359	.0295950	.0042513	7.339962	6.311287	.0351954
#3	21.40595	7.061385	.0321971	.0038781	7.424784	6.282983	.0326060

Sample Name: I2453-03 Acquired: 3/30/2017 15:26:00 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.526913	.0916338	1.043718
Stddev	.001452	.0002357	.002176
%RSD	.0951081	.2571721	.2084518

#1	1.526542	.0918327	1.041737
#2	1.525682	.0916952	1.043371
#3	1.528514	.0913735	1.046047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.904	2063.114	61461.82	10462.82	2949.600
Stddev	40.658	5.099	1419.17	12.64	7.668
%RSD	2.183697	.2471503	2.309029	.1208545	.2599553

#1	1873.327	2068.119	62018.58	10451.31	2958.077
#2	1816.757	2057.926	59848.69	10476.35	2947.575
#3	1895.630	2063.298	62518.19	10460.80	2943.148

Sample Name: I2453-04 Acquired: 3/30/2017 15:29:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3008610	-.000274	4.520961	-.030426	.0218659	80.70790	2.136009
Stddev	.0042479	.002213	.054899	.003042	.0002953	.28021	.003569
%RSD	1.411926	807.5151	1.214324	9.999464	1.350329	.3471941	.1670886

#1	.2968766	.002246	4.513555	-.027200	.0218572	81.00175	2.138038
#2	.3053307	-.001902	4.579188	-.030834	.0221655	80.67828	2.138101
#3	.3003756	-.001166	4.470141	-.033244	.0215752	80.44367	2.131888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123350	.1369918	158.5025	.0950812	.0564597	.9442503	147.3043
Stddev	.0000297	.0014385	.6142	.0007638	.0009623	.0023718	1.1204
%RSD	.2406805	1.050087	.3875103	.8033577	1.704480	.2511852	.7605881

#1	.0123101	.1367825	158.8082	.0954032	.0560607	.9461400	148.2262
#2	.0123271	.1385235	158.9039	.0942090	.0575573	.9450223	147.6294
#3	.0123679	.1356694	157.7954	.0956312	.0557609	.9415887	146.0573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065540	38.35740	.0938853	.0041465	1.906054	.3747327	6.752511
Stddev	.022316	.30915	.0014989	.0000626	.203738	.0015461	.038060
%RSD	.7279587	.8059683	1.596558	1.508890	10.68902	.4125971	.5636427

#1	3.082623	38.67757	.0933230	.0042162	1.671343	.3764130	6.732835
#2	3.073706	38.33404	.0955841	.0041279	2.037284	.3733701	6.728317
#3	3.040292	38.06060	.0927489	.0040953	2.009535	.3744151	6.796382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.54835	4.869157	.0073278	.0050807	4.389562	6.712730	.0320247
Stddev	.05587	.049918	.0007023	.0002672	.042492	.048801	.0007843
%RSD	.2718937	1.025179	9.583508	5.259101	.9680335	.7269963	2.448940

#1	20.60699	4.847378	.0076957	.0053625	4.359696	6.672446	.0326558
#2	20.54233	4.926264	.0077697	.0048311	4.438209	6.766996	.0322716
#3	20.49573	4.833830	.0065181	.0050485	4.370782	6.698746	.0311467

Sample Name: I2453-04 Acquired: 3/30/2017 15:29:57 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.788687	.0900828	.7272056
Stddev	.007084	.0007683	.0015573
%RSD	.3960172	.8529153	.2141483

#1	1.795191	.0907994	.7280930
#2	1.789730	.0892715	.7281163
#3	1.781139	.0901774	.7254074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.254	2085.362	62411.67	10437.96	3116.607
Stddev	12.941	11.457	336.92	36.55	28.583
%RSD	.6849907	.5493838	.5398296	.3501904	.9171183

#1	1898.804	2086.695	62441.35	10403.57	3119.336
#2	1894.434	2073.298	62732.76	10433.97	3086.757
#3	1874.526	2096.095	62060.89	10476.34	3143.728

Sample Name: CCV019 Acquired: 3/30/2017 15:33:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.979136	4.862487	24.18867	4.809144	5.087409	398.8501	10.32017
Stddev	.003866	.026093	.06930	.009541	.007060	.7877	.02527
%RSD	.0776442	.5366113	.2864926	.1983889	.1387817	.1975047	.2448486

#1	4.974678	4.841985	24.13637	4.798779	5.080318	397.9990	10.29638
#2	4.981161	4.853617	24.16237	4.817559	5.094438	398.9978	10.34670
#3	4.981569	4.891858	24.26727	4.811096	5.087470	399.5536	10.31744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932820	2.377047	396.2606	14.83118	2.389854	15.27451	387.6976
Stddev	.0050056	.012549	1.4938	.06534	.011297	.02798	2.5350
%RSD	1.014747	.5279302	.3769806	.4405383	.4727180	.1831882	.6538623

#1	.4938626	2.367676	395.4792	14.83897	2.381374	15.24230	387.5200
#2	.4880114	2.372159	395.3196	14.76231	2.385509	15.29288	385.2561
#3	.4979719	2.391304	397.9831	14.89228	2.402679	15.28833	390.3168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08607	387.0710	2.486323	1.262600	397.9172	2.393939	14.21686
Stddev	.09212	2.6812	.007650	.002690	.7262	.006755	.11937
%RSD	.6540094	.6926811	.3076905	.2130382	.1825043	.2821912	.8396048

#1	14.06809	386.9738	2.481620	1.261474	397.2353	2.396620	14.13109
#2	14.00425	384.4398	2.482199	1.260656	397.8353	2.386255	14.35318
#3	14.18585	389.7995	2.495150	1.265670	398.6808	2.398943	14.16631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.1901	5.088865	4.722921	4.879118	4.987635	4.889906	4.962625
Stddev	.1440	.028207	.044046	.015284	.028257	.040883	.018994
%RSD	.0904803	.5542982	.9325986	.3132557	.5665451	.8360736	.3827454

#1	159.3553	5.062591	4.705636	4.864283	4.961176	4.895706	4.950144
#2	159.1248	5.085331	4.690140	4.878258	4.984329	4.846433	4.953246
#3	159.0904	5.118673	4.772988	4.894815	5.017400	4.927580	4.984484

Sample Name: CCV019 Acquired: 3/30/2017 15:33:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.913533	5.407046	4.984567
Stddev	.011447	.005933	.052403
%RSD	.2329761	.1097280	1.051296

#1	4.906398	5.413716	4.970747
#2	4.907463	5.402357	4.940460
#3	4.926737	5.405065	5.042495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.733	1493.659	45889.08	7789.750	2486.608
Stddev	7.799	.644	41.75	44.547	3.236
%RSD	.5665215	.0430900	.0909874	.5718673	.1301476

#1	1377.370	1494.243	45855.24	7768.210	2487.758
#2	1368.634	1492.969	45876.27	7840.973	2489.113
#3	1384.194	1493.764	45935.74	7760.066	2482.954

Sample Name: CCB019 Acquired: 3/30/2017 15:37:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001663	.0019997	-.000059	.0010239	.0001896	.0023426	-.001746
Stddev	.001238	.0005539	.000732	.0018242	.0003968	.0066400	.000358
%RSD	74.45642	27.69972	1247.561	178.1575	209.3059	283.4476	20.51957

#1	-.000300	.0016231	-.000487	.0030026	.0001555	.0035247	-.001721
#2	-.001971	.0017403	-.000476	-.000591	.0006023	-.004809	-.002116
#3	-.002717	.0026357	.000786	.000660	-.000189	.008312	-.001400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000322	.0000084	.0094988	-.000380	.0001122	.0014735	.0047483
Stddev	.0000217	.0000516	.0101216	.000062	.0000879	.0010901	.0034908
%RSD	67.23463	613.2097	106.5561	16.19796	78.36764	73.97807	73.51639

#1	.0000112	.0000335	.0157554	-.000448	.0001707	.0010721	.0075722
#2	.0000310	-.000051	-.002179	-.000365	.0001549	.0027074	.0058274
#3	.0000545	.000043	.014920	-.000327	.0000111	.0006411	.0008454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004333	-.018517	.0000225	.0003071	.0577685	.0020511	.0031712
Stddev	.0003498	.026809	.0000764	.0001490	.1764174	.0011104	.0114235
%RSD	80.72479	144.7854	340.0845	48.51026	305.3869	54.13620	360.2244

#1	.0001373	-.007599	.0000606	.0001357	-.015692	.0033248	-.010017
#2	.0003433	-.049062	.0000722	.0004058	-.070049	.0015413	.009981
#3	.0008193	.001111	-.000065	.0003797	.259046	.0012871	.009550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979061	-.000477	-.005809	.0000643	-.007127	-.003100	-.000376
Stddev	.0189871	.001192	.001079	.0000234	.002855	.000470	.000252
%RSD	19.39318	250.0189	18.56735	36.40487	40.06681	15.16216	67.03528

#1	.0962884	.000896	-.006961	.0000842	-.010418	-.002648	-.000253
#2	.0797796	-.001243	-.004823	.0000701	-.005304	-.003068	-.000667
#3	.1176503	-.001083	-.005644	.0000385	-.005659	-.003586	-.000209

Sample Name: CCB019 Acquired: 3/30/2017 15:37:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000284	-.000706	-.000029
Stddev	.000683	.000680	.000035
%RSD	240.0528	96.31417	122.2704

#1	.000490	-.000673	.000001
#2	-.000542	-.001401	-.000020
#3	-.000800	-.000043	-.000068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.677	1912.177	55440.00	8336.230	3811.797
Stddev	11.989	6.031	17.46	29.079	12.717
%RSD	.6959450	.3154001	.0314909	.3488275	.3336196

#1	1709.324	1906.939	55421.84	8310.070	3798.105
#2	1732.516	1910.822	55456.67	8367.540	3814.048
#3	1726.190	1918.771	55441.50	8331.080	3823.238

Sample Name: I2453-05 Acquired: 3/30/2017 15:42:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1955958	.0000826	4.507364	-.022453	.0145184	66.42756	1.114787
Stddev	.0019081	.0031485	.028219	.000845	.0001103	.09050	.001591
%RSD	.9755481	3810.041	.6260710	3.763218	.7596447	.1362382	.1427446

#1	.1935969	-.002780	4.500990	-.022546	.0146382	66.49767	1.113258
#2	.1973979	-.000428	4.482877	-.023247	.0144957	66.32540	1.114669
#3	.1957925	.003455	4.538225	-.021565	.0144212	66.45961	1.116434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194407	.1539023	104.6887	.0621014	.0524856	.7803294	118.4765
Stddev	.0002473	.0010125	.4742	.0006884	.0001145	.0008838	.5107
%RSD	1.272106	.6578931	.4529880	1.108429	.2180738	.1132576	.4310419

#1	.0197228	.1533201	105.0250	.0613695	.0526067	.7805510	118.9921
#2	.0192615	.1533154	104.8948	.0621987	.0523792	.7793559	118.4666
#3	.0193376	.1550715	104.1463	.0627358	.0524709	.7810813	117.9708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892279	40.68902	.0771924	.0157545	1.593403	.2533738	3.366634
Stddev	.029618	.27933	.0005485	.0003456	.024632	.0013493	.027618
%RSD	.6053976	.6865061	.7105447	2.193613	1.545869	.5325326	.8203574

#1	4.926352	40.98776	.0772148	.0153554	1.584536	.2542579	3.372892
#2	4.877792	40.64498	.0766331	.0159580	1.574432	.2540428	3.336423
#3	4.872693	40.43432	.0777294	.0159499	1.621241	.2518207	3.390586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.80262	5.096573	.0020083	.0031811	4.391604	8.314726	.0259491
Stddev	.07429	.031393	.0004562	.0001798	.026106	.067231	.0010889
%RSD	.4172950	.6159655	22.71460	5.652498	.5944612	.8085745	4.196220

#1	17.87244	5.097507	.0018893	.0029898	4.374665	8.385493	.0254251
#2	17.72455	5.064723	.0016235	.0033466	4.378479	8.251701	.0252212
#3	17.81086	5.127488	.0025122	.0032069	4.421669	8.306985	.0272009

Sample Name: I2453-05 Acquired: 3/30/2017 15:42:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.236362	.0849549	.4531924
Stddev	.004854	.0008712	.0006454
%RSD	.3926332	1.025509	.1424044

#1	1.241504	.0859457	.4537488
#2	1.235723	.0843088	.4533434
#3	1.231859	.0846101	.4524849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.565	2369.887	70991.10	11704.75	3143.895
Stddev	8.990	3.555	250.60	89.51	10.609
%RSD	.4115166	.1500004	.3530027	.7647552	.3374511

#1	2181.082	2368.570	70747.11	11604.70	3144.075
#2	2194.775	2373.913	71247.82	11732.31	3154.413
#3	2177.838	2367.179	70978.38	11777.25	3133.197

Sample Name: I2453-06 Acquired: 3/30/2017 15:46:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2318098	-.000143	1.436126	-.028584	.0143303	64.76998	1.033846
Stddev	.0026920	.002520	.005338	.001553	.0006695	.24325	.003375
%RSD	1.161306	1759.198	.3716946	5.432641	4.671599	.3755549	.3264464

#1	.2289030	.002251	1.433330	-.029723	.0135574	64.92612	1.037743
#2	.2323093	.000091	1.432767	-.026815	.0147032	64.89410	1.031891
#3	.2342171	-.002772	1.442281	-.029215	.0147302	64.48971	1.031905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163051	.0486473	53.41033	.0788199	.0537408	.4941686	130.2809
Stddev	.0001623	.0002862	.25668	.0006485	.0003183	.0031066	1.0231
%RSD	.9955296	.5883755	.4805873	.8228040	.5922665	.6286531	.7852707

#1	.0164915	.0485234	53.47437	.0794153	.0539437	.4975264	130.8935
#2	.0161954	.0484440	53.62892	.0789155	.0533740	.4913966	130.8494
#3	.0162283	.0489747	53.12769	.0781289	.0539048	.4935829	129.0999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.098576	27.29012	.0611689	-.003556	1.441865	.3430998	1.529517
Stddev	.023071	.08988	.0003563	.000059	.056686	.0039014	.006758
%RSD	.7445549	.3293553	.5824437	1.663317	3.931468	1.137092	.4418375

#1	3.112439	27.39389	.0615045	-.003542	1.433758	.3430453	1.524520
#2	3.111345	27.23681	.0607950	-.003621	1.502169	.3470282	1.537206
#3	3.071944	27.23965	.0612072	-.003505	1.389669	.3392261	1.526824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.79494	3.199229	-.012768	.0168456	1.772131	5.479134	.0160761
Stddev	.09471	.014366	.000950	.0002113	.020585	.044588	.0012490
%RSD	.5639406	.4490471	7.437321	1.254268	1.161621	.8137836	7.769244

#1	16.88189	3.205639	-.013794	.0166021	1.750472	5.505078	.0168721
#2	16.80892	3.182774	-.012590	.0169533	1.774478	5.427648	.0146366
#3	16.69402	3.209275	-.011920	.0169813	1.791442	5.504675	.0167196

Sample Name: I2453-06 Acquired: 3/30/2017 15:46:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.417147	.0624671	.3242522
Stddev	.002561	.0008059	.0008240
%RSD	.1806953	1.290105	.2541262

#1	1.416919	.0618504	.3251612
#2	1.419814	.0633790	.3240413
#3	1.414708	.0621720	.3235542

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.945	2188.288	65291.41	10638.09	3302.388
Stddev	14.246	5.058	109.73	48.38	6.332
%RSD	.7070403	.2311480	.1680567	.4547868	.1917368

#1	2030.234	2182.703	65320.66	10634.17	3297.449
#2	2012.557	2189.599	65383.55	10591.79	3309.526
#3	2002.043	2192.561	65170.02	10688.31	3300.190

Sample Name: I2453-07 Acquired: 3/30/2017 15:50:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2493062	-.002298	1.549774	-.027890	.0151703	70.24151	1.115594
Stddev	.0016911	.000922	.006401	.002824	.0014814	.13146	.000911
%RSD	.6783312	40.13999	.4130215	10.12377	9.765291	.1871540	.0816927

#1	.2511842	-.001439	1.551447	-.028478	.0138406	70.19715	1.114732
#2	.2488303	-.002181	1.555172	-.030373	.0149033	70.38941	1.116548
#3	.2479040	-.003273	1.542702	-.024818	.0167671	70.13796	1.115504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176618	.0530572	57.22656	.0849285	.0589720	.5335874	141.0562
Stddev	.0001873	.0001193	.12192	.0003629	.0003867	.0010152	.2301
%RSD	1.060192	.2248758	.2130457	.4273395	.6557459	.1902518	.1631252

#1	.0177330	.0529801	57.25489	.0849290	.0585674	.5326166	140.9003
#2	.0174494	.0531946	57.09297	.0845653	.0590107	.5346418	140.9479
#3	.0178031	.0529968	57.33182	.0852911	.0593379	.5335037	141.3205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.358555	29.67907	.0661949	-.003905	1.583173	.3706846	1.643192
Stddev	.003915	.04323	.0007678	.000449	.114646	.0036422	.015271
%RSD	.1165593	.1456693	1.159872	11.49698	7.241513	.9825684	.9293521

#1	3.356124	29.71612	.0666701	-.004196	1.462181	.3664799	1.641938
#2	3.356469	29.63157	.0666054	-.004131	1.690191	.3727079	1.659051
#3	3.363071	29.68953	.0653091	-.003388	1.597148	.3728659	1.628586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.25701	3.538952	-.012767	.0184174	1.949642	6.614287	.0162423
Stddev	.03306	.007783	.001893	.0001354	.006177	.012223	.0002660
%RSD	.1810829	.2199342	14.82809	.7352567	.3168293	.1847910	1.637778

#1	18.23377	3.539999	-.010697	.0182934	1.953539	6.623473	.0161123
#2	18.29486	3.546159	-.014409	.0183970	1.952867	6.618974	.0165484
#3	18.24240	3.530698	-.013196	.0185619	1.942520	6.600415	.0160664

Sample Name: I2453-07 Acquired: 3/30/2017 15:50:03 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.539219	.0704395	.3500770
Stddev	.001805	.0011009	.0001004
%RSD	.1172836	1.562832	.0286753

#1	1.538980	.0717103	.3499983
#2	1.541132	.0697786	.3501900
#3	1.537546	.0698296	.3500426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.354	2190.605	65763.42	10705.29	3260.607
Stddev	13.586	8.239	187.08	5.61	10.178
%RSD	.6734684	.3761279	.2844765	.0523894	.3121395

#1	2004.287	2181.092	65549.05	10700.65	3251.809
#2	2016.369	2195.482	65893.74	10711.52	3258.258
#3	2031.406	2195.240	65847.46	10703.69	3271.754

Sample Name: I2453-08 Acquired: 3/30/2017 15:54:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3187597	.1191383	1.543204	.0664596	.2148126	71.58510	5.349436
Stddev	.0060237	.0026042	.037786	.0015345	.0046323	.14801	.024799
%RSD	1.889734	2.185849	2.448522	2.308962	2.156426	.2067657	.4635735

#1	.3135420	.1168255	1.536423	.0661124	.2141529	71.62121	5.358275
#2	.3253519	.1186302	1.583922	.0651285	.2197393	71.71173	5.368603
#3	.3173853	.1219590	1.509269	.0681380	.2105455	71.42238	5.321428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1138448	.1634101	55.28871	.4842833	1.229202	1.017502	138.3793
Stddev	.0001325	.0042782	.25571	.0049954	.034113	.003550	.2399
%RSD	.1163601	2.618095	.4625041	1.031509	2.775250	.3489319	.1733963

#1	.1139241	.1616600	55.37723	.4890244	1.217482	1.021334	138.1605
#2	.1136919	.1682859	55.00050	.4790675	1.267630	1.016849	138.3415
#3	.1139185	.1602843	55.48840	.4847579	1.202493	1.014324	138.6359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.225101	28.61658	1.278504	.0829669	1.577419	1.396754	2.469829
Stddev	.018010	.07553	.032367	.0003714	.086382	.002979	.018971
%RSD	.4262655	.2639493	2.531642	.4475928	5.476173	.2132634	.7681028

#1	4.208535	28.54506	1.267978	.0832962	1.516576	1.395748	2.483953
#2	4.222496	28.60911	1.314824	.0825644	1.676291	1.394409	2.448266
#3	4.244271	28.69557	1.252710	.0830401	1.539391	1.400106	2.477267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.53773	3.388512	-.014427	.0172031	1.863182	7.046379	.0160602
Stddev	.01335	.083020	.000841	.0002327	.063199	.053196	.0012391
%RSD	.0761388	2.450048	5.828948	1.352603	3.391972	.7549402	7.715012

#1	17.53178	3.365101	-.014852	.0170421	1.834070	7.079495	.0174294
#2	17.55302	3.480724	-.013458	.0174699	1.935690	6.985018	.0150162
#3	17.52838	3.319711	-.014971	.0170974	1.819786	7.074624	.0157350

Sample Name: I2453-08 Acquired: 3/30/2017 15:54:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.488213	.0665725	.3372225
Stddev	.005704	.0002764	.0010199
%RSD	.3832772	.4151332	.3024357

#1	1.487559	.0668717	.3377980
#2	1.482864	.0665187	.3378246
#3	1.494216	.0663269	.3360450

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.902	2181.570	65492.82	10637.20	3271.863
Stddev	20.825	40.723	356.17	29.70	73.781
%RSD	1.032512	1.866664	.5438283	.2791839	2.255029

#1	1999.352	2183.342	65226.72	10642.98	3281.589
#2	2039.913	2139.991	65897.44	10663.59	3193.700
#3	2011.441	2221.378	65354.29	10605.04	3340.298

Sample Name: I2453-06LX5 Acquired: 3/30/2017 15:58:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572456	.0023038	.3062689	-.006157	.0020257	16.01382	.2561536
Stddev	.0009499	.0012225	.0011355	.001345	.0006730	.01539	.0009267
%RSD	1.659326	53.06370	.3707355	21.83790	33.22464	.0961190	.3617739

#1	.0581000	.0027188	.3066019	-.005123	.0013785	15.99629	.2568578
#2	.0574141	.0032647	.3072007	-.007677	.0027219	16.02006	.2551038
#3	.0562228	.0009278	.3050042	-.005671	.0019766	16.02511	.2564992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042395	.0100104	13.46339	.0202449	.0110158	.1240029	33.85346
Stddev	.0000824	.0000512	.10534	.0004324	.0001738	.0016516	.10943
%RSD	1.942964	.5118718	.7823826	2.135655	1.577764	1.331920	.3232325

#1	.0041674	.0100694	13.43072	.0197464	.0108225	.1237485	33.77088
#2	.0042218	.0099852	13.37826	.0204702	.0111592	.1224932	33.81193
#3	.0043293	.0099766	13.58119	.0205181	.0110657	.1257669	33.97757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7953604	6.875427	.0125391	-.000982	.4831658	.0885445	.3737393
Stddev	.0043447	.068655	.0002511	.000292	.0657304	.0006798	.0048133
%RSD	.5462557	.9985490	2.002638	29.69218	13.60411	.7677066	1.287879

#1	.7924142	6.808587	.0125831	-.000851	.4113651	.0892539	.3683596
#2	.7933170	6.871932	.0127653	-.000779	.5403729	.0878989	.3776384
#3	.8003501	6.945763	.0122688	-.001316	.4977592	.0884807	.3752198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.064156	.6504798	-.011907	.0038901	.3587678	1.510189	.0032120
Stddev	.011608	.0024824	.001045	.0001384	.0009148	.011410	.0009978
%RSD	.2856279	.3816207	8.780162	3.556626	.2549931	.7555362	31.06374

#1	4.064942	.6491472	-.012395	.0039851	.3583370	1.522333	.0027257
#2	4.075351	.6489482	-.012618	.0039537	.3581478	1.499692	.0025507
#3	4.052175	.6533438	-.010706	.0037314	.3598185	1.508543	.0043597

Sample Name: I2453-06LX5 Acquired: 3/30/2017 15:58:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3569191	.0138998	.0815477
Stddev	.0023772	.0007900	.0001500
%RSD	.6660356	5.683408	.1839155

#1	.3569714	.0143992	.0817041
#2	.3545161	.0129890	.0815338
#3	.3592697	.0143111	.0814051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.747	1969.803	56979.60	8870.863	3630.853
Stddev	1.833	10.301	56.72	17.777	7.507
%RSD	.1027159	.5229440	.0995438	.2004024	.2067544

#1	1784.218	1958.930	56942.44	8889.740	3622.240
#2	1786.787	1979.416	56951.47	8868.410	3636.008
#3	1783.237	1971.063	57044.88	8854.440	3634.310

Sample Name: I2453-09 Acquired: 3/30/2017 16:02:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104041	-.006093	3.360388	-.018649	.0138903	88.89101	.7681781
Stddev	.0014872	.003057	.008756	.000359	.0014632	.24611	.0017194
%RSD	1.347023	50.17794	.2605510	1.926064	10.53392	.2768687	.2238245

#1	.1106067	-.008985	3.350376	-.018237	.0154160	89.10182	.7700680
#2	.1117795	-.006399	3.364173	-.018822	.0124989	88.62056	.7677598
#3	.1088260	-.002894	3.366613	-.018890	.0137561	88.95064	.7667065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298670	.1001819	113.8262	.0596599	.0397135	.9165225	82.61001
Stddev	.0000232	.0006275	.4586	.0002941	.0001022	.0012377	.34759
%RSD	.0777097	.6263477	.4028632	.4929348	.2573543	.1350430	.4207604

#1	.0298787	.0995310	113.5566	.0595886	.0398209	.9178954	82.73691
#2	.0298403	.1002316	113.5664	.0599831	.0397021	.9161799	82.21680
#3	.0298822	.1007830	114.3557	.0594080	.0396174	.9154921	82.87632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.886722	44.11257	.0667403	.0085027	1.854362	.1623874	2.604270
Stddev	.011089	.20755	.0007872	.0001790	.096007	.0031089	.016765
%RSD	.5877132	.4704924	1.179442	2.105736	5.177341	1.914512	.6437658

#1	1.886951	44.08927	.0660584	.0087093	1.903737	.1609109	2.588972
#2	1.875520	43.91766	.0676017	.0084054	1.743716	.1602919	2.601645
#3	1.897694	44.33079	.0665607	.0083933	1.915634	.1659594	2.622193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06771	4.255342	.0009089	.0015079	2.776550	6.707023	.0376923
Stddev	.08552	.027810	.0005414	.0001507	.015822	.014528	.0011969
%RSD	.5675503	.6535251	59.56699	9.992939	.5698454	.2166077	3.175502

#1	15.15007	4.226758	.0005078	.0013370	2.758383	6.691372	.0390627
#2	14.97936	4.256961	.0006943	.0016217	2.783959	6.720079	.0371623
#3	15.07370	4.282306	.0015248	.0015649	2.787309	6.709617	.0368519

Sample Name: I2453-09 Acquired: 3/30/2017 16:02:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4533077	.0600847	.5088806
Stddev	.0008426	.0008439	.0010046
%RSD	.1858724	1.404456	.1974147

#1	.4535336	.0609054	.5100146
#2	.4523752	.0592194	.5081019
#3	.4540143	.0601294	.5085253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.575	2659.970	79177.50	13237.10	3117.312
Stddev	3.377	2.779	159.60	39.62	7.598
%RSD	.1381319	.1044728	.2015718	.2992775	.2437256

#1	2443.157	2662.208	79043.43	13242.59	3122.977
#2	2442.139	2660.843	79135.03	13273.69	3120.281
#3	2448.430	2656.860	79354.04	13195.03	3108.678

Sample Name: I2453-10 Acquired: 3/30/2017 16:06:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1512007	-.005103	1.507797	-.025577	.0105919	92.99391	.8114493
Stddev	.0013652	.001130	.005429	.003423	.0001990	.71938	.0075369
%RSD	.9028949	22.14879	.3600868	13.38275	1.879035	.7735743	.9288251

#1	.1504373	-.006407	1.512435	-.029489	.0108000	93.31865	.8145782
#2	.1503881	-.004480	1.501825	-.024114	.0105723	93.49368	.8169179
#3	.1527769	-.004421	1.509130	-.023129	.0104034	92.16942	.8028519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199618	.0559142	59.77065	.0818441	.0565045	.6835340	129.3019
Stddev	.0001416	.0003270	.59596	.0007047	.0006988	.0059561	1.0117
%RSD	.7091200	.5848605	.9970834	.8610876	1.236658	.8713704	.7824152

#1	.0199228	.0559951	60.07385	.0811027	.0559140	.6882794	129.9783
#2	.0201188	.0555544	60.15405	.0825054	.0563236	.6854725	129.7884
#3	.0198439	.0561932	59.08405	.0819243	.0572760	.6768501	128.1388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.115305	39.71913	.0885189	-.002075	2.115131	.2841011	2.385374
Stddev	.027243	.34629	.0009406	.000155	.029564	.0049638	.038747
%RSD	.8744935	.8718359	1.062634	7.477016	1.397748	1.747197	1.624364

#1	3.130574	39.87408	.0875765	-.002122	2.111832	.2883339	2.394597
#2	3.131488	39.96088	.0894578	-.001902	2.087354	.2853318	2.418677
#3	3.083851	39.32243	.0885224	-.002202	2.146206	.2786378	2.342848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44168	4.375062	-.005413	.0022945	1.858366	6.306703	.0218635
Stddev	.14637	.020466	.000553	.0003124	.013307	.034236	.0003217
%RSD	.7936876	.4677972	10.22607	13.61676	.7160785	.5428440	1.471213

#1	18.52808	4.360658	-.004792	.0020403	1.854222	6.332432	.0219746
#2	18.52428	4.366038	-.005590	.0022000	1.847623	6.319831	.0215010
#3	18.27268	4.398490	-.005855	.0026433	1.873252	6.267847	.0221148

Sample Name: I2453-10 Acquired: 3/30/2017 16:06:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9651444	.0767705	.3621712
Stddev	.0112885	.0015191	.0023503
%RSD	1.169612	1.978770	.6489370

#1	.9689063	.0784823	.3634786
#2	.9740715	.0755828	.3635771
#3	.9524553	.0762465	.3594580

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.773	2329.602	69146.07	11396.62	3210.103
Stddev	14.822	3.398	293.08	73.93	7.044
%RSD	.6969037	.1458489	.4238587	.6487413	.2194398

#1	2127.622	2332.564	69278.10	11346.83	3208.468
#2	2111.546	2330.349	68810.19	11361.44	3217.820
#3	2141.152	2325.893	69349.91	11481.57	3204.019

Sample Name: I2453-11 Acquired: 3/30/2017 16:10:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2296307	-.001301	2.699341	-.034645	.0197894	84.97219	1.265907
Stddev	.0027716	.001085	.008938	.001637	.0007949	.12618	.001939
%RSD	1.206998	83.43726	.3311016	4.725480	4.016949	.1485006	.1531611

#1	.2295904	-.000064	2.700892	-.035626	.0190138	84.87808	1.265126
#2	.2268794	-.001742	2.689729	-.035554	.0206024	85.11558	1.268114
#3	.2324223	-.002096	2.707401	-.032755	.0197520	84.92292	1.264480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109132	.0870972	67.92754	.1196584	.0704284	1.160164	172.4857
Stddev	.0000266	.0002857	.15509	.0007413	.0002925	.005505	.0522
%RSD	.2437093	.3279754	.2283104	.6194958	.4152889	.4745171	.0302745

#1	.0109376	.0872829	67.96729	.1197032	.0705489	1.157594	172.5300
#2	.0108849	.0867683	67.75644	.1203762	.0706414	1.166484	172.4281
#3	.0109171	.0872405	68.05887	.1188957	.0700950	1.156414	172.4989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.567255	36.50259	.1015069	.0058363	2.078977	.3621250	3.396043
Stddev	.003402	.04243	.0003447	.0005212	.106234	.0025537	.030779
%RSD	.0744835	.1162355	.3395323	8.929711	5.109917	.7052039	.9063185

#1	4.567814	36.50468	.1018837	.0055715	2.119538	.3645585	3.420427
#2	4.570343	36.45915	.1014292	.0055008	2.158956	.3594660	3.361459
#3	4.563609	36.54393	.1012077	.0064368	1.958439	.3623504	3.406242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.35942	5.856066	-.011881	.0049684	4.359744	6.333092	.0235225
Stddev	.11859	.011636	.001488	.0003643	.006811	.033829	.0001372
%RSD	.4868485	.1986995	12.52704	7.331621	.1562269	.5341555	.5832004

#1	24.31201	5.853149	-.012152	.0053884	4.358569	6.294989	.0235598
#2	24.49439	5.846166	-.013216	.0047789	4.353597	6.344694	.0236372
#3	24.27187	5.868883	-.010276	.0047380	4.367066	6.359594	.0233706

Sample Name: I2453-11 Acquired: 3/30/2017 16:10:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.981755	.0865317	.3109294
Stddev	.001742	.0003062	.0008023
%RSD	.0879096	.3538097	.2580316

#1	1.982647	.0867035	.3107130
#2	1.979747	.0867134	.3118176
#3	1.982870	.0861782	.3102574

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.859	2056.137	61798.70	10134.38	3217.880
Stddev	2.633	13.443	150.82	13.02	15.358
%RSD	.1395515	.6538158	.2440499	.1284423	.4772666

#1	1887.912	2065.260	61628.20	10142.13	3223.762
#2	1888.803	2062.452	61853.22	10119.35	3229.428
#3	1883.863	2040.699	61914.67	10141.66	3200.451

Sample Name: I2453-12 Acquired: 3/30/2017 16:14:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.543365	-.002046	6.735379	-.029862	.4296751	71.52058	1.559724
Stddev	.006868	.001100	.013254	.001415	.0013731	.08410	.002439
%RSD	.1938138	53.74659	.1967767	4.738149	.3195693	.1175883	.1563911

#1	3.551108	-.002979	6.722165	-.028229	.4288800	71.47404	1.557377
#2	3.538011	-.002326	6.735300	-.030641	.4288846	71.61766	1.562246
#3	3.540978	-.000834	6.748672	-.030716	.4312606	71.47003	1.559550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104083	.1443866	232.5334	.0912344	.0546016	1.904493	149.6390
Stddev	.0000814	.0007299	.3613	.0007601	.0003478	.001499	.3500
%RSD	.7818772	.5055143	.1553888	.8331309	.6368943	.0786875	.2338758

#1	.0103412	.1438668	232.1446	.0904463	.0542513	1.906119	149.5249
#2	.0103847	.1440720	232.8590	.0912937	.0549468	1.903166	150.0318
#3	.0104988	.1452211	232.5965	.0919631	.0546067	1.904195	149.3603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.179933	48.96497	.0925334	.0165486	1.966706	.2844358	7.693131
Stddev	.013676	.12375	.0007964	.0004266	.041659	.0012669	.025728
%RSD	.4300793	.2527336	.8606528	2.578094	2.118204	.4453926	.3344331

#1	3.190549	48.95333	.0932201	.0170273	1.968436	.2844055	7.722515
#2	3.184749	49.09412	.0916604	.0164100	2.007472	.2857175	7.674645
#3	3.164500	48.84745	.0927198	.0162085	1.924209	.2831843	7.682234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.65782	8.792475	.0130971	.0017956	9.379298	6.526419	.0536551
Stddev	.06530	.004655	.0009241	.0002541	.016217	.139208	.0011123
%RSD	.3160897	.0529448	7.055393	14.15331	.1729067	2.132986	2.073133

#1	20.70333	8.797768	.0132273	.0020269	9.360632	6.365766	.0528843
#2	20.68714	8.789015	.0139492	.0018363	9.387325	6.602085	.0531507
#3	20.58301	8.790643	.0121149	.0015235	9.389936	6.611407	.0549303

Sample Name: I2453-12 Acquired: 3/30/2017 16:14:12 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EZ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.350119	.0847241	.5794811
Stddev	.004601	.0008089	.0007213
%RSD	.3407580	.9547827	.1244701

#1	1.354838	.0845674	.5786505
#2	1.349875	.0855999	.5798427
#3	1.345646	.0840050	.5799500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.127	1949.462	59087.63	9882.112	3042.720
Stddev	7.824	5.769	133.86	19.035	6.772
%RSD	.4378230	.2959320	.2265499	.1926240	.2225624

#1	1780.195	1942.806	59004.27	9880.022	3035.585
#2	1785.575	1953.008	59016.58	9864.207	3049.058
#3	1795.611	1952.573	59242.04	9902.105	3043.517

Sample Name: I2453-13 Acquired: 3/30/2017 16:18:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3309908	.0039185	7.691399	-.030169	.0285904	88.22419	1.806065
Stddev	.0066191	.0025162	.040966	.001226	.0004884	.14153	.001411
%RSD	1.999777	64.21343	.5326264	4.062781	1.708444	.1604188	.0781256

#1	.3286800	.0062075	7.688415	-.028965	.0282538	88.06257	1.805301
#2	.3258368	.0043235	7.652006	-.030127	.0283667	88.32597	1.807694
#3	.3384554	.0012243	7.733775	-.031415	.0291506	88.28403	1.805201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162962	.2491634	252.8704	.0773797	.0651070	1.483842	153.1032
Stddev	.0000194	.0008103	.8412	.0006808	.0002528	.008835	.1718
%RSD	.1188966	.3252072	.3326764	.8798284	.3882929	.5954409	.1121976

#1	.0162777	.2488443	252.4978	.0766224	.0652888	1.474594	152.9423
#2	.0162946	.2485611	253.8336	.0775760	.0648183	1.492197	153.0830
#3	.0163163	.2500846	252.2798	.0779409	.0652139	1.484737	153.2841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.393891	55.30096	.1161942	.0217487	1.974858	.2631948	9.648682
Stddev	.003318	.33793	.0012919	.0001444	.083791	.0039922	.023974
%RSD	.0977561	.6110791	1.111857	.6638018	4.242881	1.516821	.2484647

#1	3.390138	55.00120	.1153310	.0216199	1.955346	.2602125	9.621214
#2	3.395097	55.66719	.1155722	.0217213	2.066684	.2616418	9.659443
#3	3.396437	55.23450	.1176795	.0219047	1.902546	.2677302	9.665390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.62297	9.262796	.0250118	.0025343	10.56783	7.110947	.0458741
Stddev	.05817	.058168	.0008704	.0001326	.05659	.018414	.0003926
%RSD	.2184895	.6279728	3.479810	5.233121	.5354518	.2589593	.8558898

#1	26.62517	9.247044	.0260023	.0023814	10.52661	7.106598	.0456227
#2	26.68001	9.214126	.0246635	.0026176	10.54454	7.131146	.0456731
#3	26.56373	9.327217	.0243695	.0026040	10.63235	7.095096	.0463265

Sample Name: I2453-13 Acquired: 3/30/2017 16:18:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.514107	.1022457	.7075123
Stddev	.003076	.0003963	.0006333
%RSD	.2031835	.3876231	.0895059

#1	1.513920	.1027025	.7071387
#2	1.511129	.1020408	.7082435
#3	1.517273	.1019938	.7071548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.413	2074.827	63016.05	10629.71	2986.263
Stddev	2.099	7.396	266.41	20.92	14.943
%RSD	.1101738	.3564494	.4227680	.1968111	.5003788

#1	1907.702	2076.532	62932.18	10640.45	2988.534
#2	1903.578	2081.221	62801.67	10605.60	2999.940
#3	1904.958	2066.727	63314.31	10643.07	2970.315

Sample Name: I2453-14 Acquired: 3/30/2017 16:22:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2623584	-.004755	5.871213	-.028457	.0197479	107.0227	1.863501
Stddev	.0069946	.004608	.025945	.002552	.0018430	.2810	.004147
%RSD	2.666055	96.89823	.4419057	8.969702	9.332837	.2625700	.2225138

#1	.2563222	-.002454	5.850334	-.026457	.0181018	107.3421	1.867916
#2	.2700239	-.010061	5.863045	-.027581	.0217391	106.9128	1.862899
#3	.2607291	-.001752	5.900259	-.031332	.0194027	106.8133	1.859688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131680	.1882696	471.6283	.1045240	.0741830	1.108764	149.3924
Stddev	.0000969	.0011178	.8856	.0007576	.0004481	.003557	.2356
%RSD	.7359861	.5937102	.1877662	.7248077	.6040268	.3208200	.1577329

#1	.0132629	.1877407	471.1912	.1053979	.0740076	1.112834	149.5832
#2	.0130692	.1875144	471.0463	.1040538	.0738492	1.106248	149.1290
#3	.0131720	.1895536	472.6475	.1041202	.0746923	1.107210	149.4649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.101008	69.56130	.1487328	.0094953	2.047440	.2889903	4.920009
Stddev	.003788	.10216	.0010831	.0004679	.053101	.0003268	.019255
%RSD	.1221512	.1468578	.7281994	4.927401	2.593543	.1130805	.3913673

#1	3.105140	69.65738	.1475478	.0094610	2.041118	.2892590	4.901564
#2	3.097700	69.45399	.1489788	.0090455	1.997782	.2886265	4.939983
#3	3.100184	69.57253	.1496716	.0099794	2.103419	.2890853	4.918479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.06934	8.112514	.0167126	.0036319	6.332701	7.547436	.0336191
Stddev	.05304	.046992	.0015428	.0001102	.036450	.112666	.0019115
%RSD	.1824570	.5792544	9.231475	3.034225	.5755878	1.492777	5.685628

#1	29.12873	8.086064	.0184716	.0035206	6.307509	7.660221	.0341605
#2	29.02669	8.084708	.0155888	.0036342	6.316098	7.547197	.0314953
#3	29.05261	8.166771	.0160774	.0037410	6.374497	7.434888	.0352014

Sample Name: I2453-14 Acquired: 3/30/2017 16:22:07 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EZ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.748112	.1272757	.9392537
Stddev	.004960	.0008517	.0023730
%RSD	.2837276	.6691456	.2526452

#1	1.753216	.1281322	.9417737
#2	1.747808	.1272660	.9370619
#3	1.743311	.1264290	.9389254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.630	1992.578	59705.10	10199.99	2840.464
Stddev	10.389	7.787	189.87	49.19	15.590
%RSD	.5741084	.3907853	.3180048	.4822963	.5488694

#1	1805.309	2000.803	59518.92	10144.01	2854.585
#2	1802.098	1991.612	59697.93	10236.32	2843.072
#3	1821.482	1985.319	59898.45	10219.66	2823.733

Sample Name: I2453-15 Acquired: 3/30/2017 16:26:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991499	-.005559	1.827851	-.025542	.0143761	78.06068	1.685568
Stddev	.0031805	.000259	.016210	.001352	.0016838	.27476	.005204
%RSD	1.597041	4.662578	.8868413	5.291261	11.71257	.3519804	.3087138

#1	.2024293	-.005284	1.809744	-.025411	.0139132	78.10577	1.683719
#2	.1960785	-.005799	1.832800	-.024261	.0129721	78.31011	1.691443
#3	.1989420	-.005593	1.841011	-.026955	.0162429	77.76617	1.681541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109195	.0606458	680.0709	.0852919	.0581620	.4514152	120.0277
Stddev	.0000239	.0006735	2.0737	.0004552	.0006262	.0017699	.6010
%RSD	.2189692	1.110484	.3049214	.5337221	1.076685	.3920770	.5007305

#1	.0109187	.0599520	679.7080	.0856637	.0575288	.4493800	120.5533
#2	.0109438	.0606884	682.3021	.0854277	.0581761	.4525943	120.1573
#3	.0108960	.0612969	678.2027	.0847842	.0587810	.4522712	119.3724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.161438	55.84779	.1185247	-.002883	1.441878	.2714972	2.297538
Stddev	.015217	.37252	.0008616	.000327	.019545	.0036773	.012608
%RSD	.7040030	.6670353	.7269168	11.33447	1.355527	1.354462	.5487688

#1	2.173680	56.20666	.1175907	-.002779	1.438489	.2672798	2.308038
#2	2.166232	55.87374	.1192884	-.003250	1.424249	.2731784	2.301021
#3	2.144402	55.46297	.1186951	-.002622	1.462896	.2740334	2.283554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.99591	7.582114	.0254303	.0527390	3.931532	4.777326	.0110667
Stddev	.06724	.058692	.0017218	.0009118	.033977	.033165	.0010263
%RSD	.3736532	.7740785	6.770727	1.728973	.8642127	.6942127	9.274141

#1	17.96434	7.516737	.0238421	.0518888	3.892325	4.815610	.0105519
#2	18.07313	7.599341	.0272602	.0526264	3.952379	4.759008	.0103996
#3	17.95026	7.630265	.0251885	.0537020	3.949891	4.757361	.0122485

Sample Name: I2453-15 Acquired: 3/30/2017 16:26:05 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.481797	.0907618	.9045076
Stddev	.004855	.0011146	.0029025
%RSD	.3276126	1.228058	.3208949

#1	1.482182	.0918915	.9046737
#2	1.486448	.0907308	.9073235
#3	1.476762	.0896629	.9015256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.936	1907.371	57130.59	9715.523	2789.646
Stddev	3.675	14.330	29.24	58.001	21.560
%RSD	.2108484	.7512804	.0511888	.5969903	.7728601

#1	1743.079	1914.169	57099.14	9702.731	2808.788
#2	1739.191	1917.036	57135.66	9664.985	2793.860
#3	1746.537	1890.907	57156.97	9778.851	2766.290

Sample Name: I2453-16 Acquired: 3/30/2017 16:30:06 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106020	-.006769	.8104287	-.036258	.0091239	111.9580	1.214362
Stddev	.0038092	.002497	.0034442	.001663	.0013517	.0819	.000386
%RSD	1.808733	36.88663	.4249903	4.586324	14.81459	.0731373	.0317860

#1	.2135011	-.009450	.8064534	-.034395	.0083167	111.9011	1.214794
#2	.2062878	-.006348	.8123122	-.037593	.0083706	111.9210	1.214051
#3	.2120172	-.004510	.8125204	-.036785	.0106843	112.0518	1.214240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118489	.0299434	31.35007	.1317410	.0765485	.3016999	193.6833
Stddev	.0001699	.0001246	.12740	.0003589	.0003852	.0008077	.7290
%RSD	1.433787	.4160036	.4063848	.2724071	.5032451	.2677070	.3763868

#1	.0117556	.0298203	31.36755	.1321252	.0764434	.3023783	193.2918
#2	.0117460	.0299405	31.21483	.1316834	.0762267	.3008065	193.2338
#3	.0120450	.0300694	31.46783	.1314145	.0769754	.3019150	194.5245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.740851	43.38214	.1469141	-.010657	3.550020	.3848342	1.119998
Stddev	.025221	.10662	.0003537	.000166	.106423	.0051832	.007876
%RSD	.6742035	.2457617	.2407367	1.558847	2.997805	1.346863	.7032001

#1	3.728093	43.27019	.1468603	-.010780	3.624672	.3802827	1.110931
#2	3.724558	43.39375	.1465904	-.010723	3.597228	.3837443	1.125144
#3	3.769902	43.48248	.1472916	-.010468	3.428159	.3904757	1.123917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.06364	4.207997	-.013113	.0042387	1.322899	2.931125	.0134422
Stddev	.03344	.023059	.001775	.0002743	.008053	.023232	.0019449
%RSD	.1389610	.5479836	13.53490	6.471313	.6087090	.7925936	14.46825

#1	24.02816	4.223715	-.015028	.0045362	1.328639	2.918137	.0112002
#2	24.06819	4.181525	-.011524	.0041841	1.313694	2.917290	.0144513
#3	24.09457	4.218751	-.012787	.0039958	1.326364	2.957946	.0146752

Sample Name: I2453-16 Acquired: 3/30/2017 16:30:06 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.842286	.1029651	.2501064
Stddev	.001050	.0002209	.0003525
%RSD	.0569886	.2145544	.1409458

#1	1.841075	.1030325	.2497501
#2	1.842926	.1031444	.2501143
#3	1.842858	.1027183	.2504550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.531	2152.240	64028.43	10472.47	3230.554
Stddev	15.239	6.154	253.60	40.90	14.205
%RSD	.7745388	.2859257	.3960790	.3905552	.4397060

#1	1960.257	2145.768	63950.86	10448.69	3219.195
#2	1957.293	2158.017	63822.68	10519.70	3246.481
#3	1985.045	2152.935	64311.76	10449.02	3225.986

Sample Name: I2453-17 Acquired: 3/30/2017 16:34:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832182	-.002822	2.798159	-.018730	.0094527	73.29586	1.046322
Stddev	.0020391	.002808	.020210	.000965	.0006633	.47411	.006389
%RSD	1.112938	99.53277	.7222493	5.150184	7.016829	.6468458	.6106120

#1	.1854651	-.005656	2.789172	-.019628	.0086908	72.77822	1.038962
#2	.1827046	-.002769	2.784001	-.017710	.0099011	73.40036	1.049563
#3	.1814851	-.000040	2.821303	-.018850	.0097662	73.70901	1.050441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249516	.0795417	81.41666	.0529425	.0389360	.3790653	90.21357
Stddev	.0002192	.0005650	.20648	.0002849	.0001187	.0035351	.43193
%RSD	.8783481	.7102529	.2536050	.5380946	.3048573	.9325919	.4787878

#1	.0249450	.0790181	81.18957	.0532677	.0389771	.3751616	89.84753
#2	.0247358	.0794665	81.46735	.0528231	.0388022	.3799839	90.10321
#3	.0251740	.0801405	81.59308	.0527368	.0390287	.3820505	90.68998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473756	34.34639	.0533732	.0008073	1.918012	.2259397	1.846305
Stddev	.012232	.14592	.0004112	.0001635	.127906	.0009140	.013370
%RSD	.4944714	.4248401	.7705068	20.25891	6.668660	.4045301	.7241397

#1	2.462483	34.18377	.0531713	.0009944	1.917084	.2253888	1.831919
#2	2.472022	34.38951	.0531018	.0006914	1.790573	.2269948	1.858350
#3	2.486762	34.46589	.0538463	.0007361	2.046379	.2254356	1.848646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71728	3.323047	.0021864	.0017417	1.869920	6.706783	.0235497
Stddev	.10891	.007152	.0013506	.0002663	.007801	.060384	.0007372
%RSD	.6929290	.2152324	61.76927	15.28966	.4172059	.9003416	3.130385

#1	15.65967	3.316602	.0006944	.0019883	1.871618	6.764756	.0227055
#2	15.64927	3.321798	.0025395	.0014594	1.861409	6.644247	.0240667
#3	15.84289	3.330742	.0033254	.0017773	1.876732	6.711345	.0238768

Sample Name: I2453-17 Acquired: 3/30/2017 16:34:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7717418	.0575523	.5296663
Stddev	.0032613	.0009950	.0024034
%RSD	.4225863	1.728872	.4537622

#1	.7694669	.0572601	.5270450
#2	.7702804	.0567361	.5301878
#3	.7754782	.0586607	.5317662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.412	2411.863	71657.52	11856.40	3209.331
Stddev	9.452	1.643	120.45	32.39	10.663
%RSD	.4287965	.0681213	.1680898	.2731478	.3322581

#1	2205.325	2413.459	71739.18	11874.86	3207.966
#2	2194.536	2411.953	71519.19	11875.34	3220.611
#3	2213.374	2410.177	71714.20	11819.01	3199.416

Sample Name: I2453-18 Acquired: 3/30/2017 16:38:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2734916	-.002057	1.006358	-.034131	.0103285	91.89761	1.219397
Stddev	.0012448	.001629	.004536	.002831	.0014692	.30238	.001495
%RSD	.4551646	79.19126	.4507154	8.293415	14.22497	.3290380	.1225789

#1	.2720706	-.003860	1.003176	-.035001	.0112595	91.54882	1.217847
#2	.2743898	-.001621	1.004347	-.030967	.0110912	92.08596	1.220829
#3	.2740143	-.000691	1.011552	-.036424	.0086348	92.05804	1.219513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142553	.0366364	41.99029	.1160394	.0690281	.3287274	165.9795
Stddev	.0001019	.0002968	.15185	.0004184	.0001547	.0019531	.4691
%RSD	.7145695	.8100854	.3616423	.3605680	.2241587	.5941419	.2826068

#1	.0142553	.0366846	41.82228	.1160178	.0689093	.3265055	165.4428
#2	.0141534	.0363185	42.11776	.1156323	.0692031	.3295035	166.3113
#3	.0143572	.0369062	42.03083	.1164682	.0689720	.3301731	166.1844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.669170	32.73145	.1018430	-.008690	1.635438	.3626923	1.442656
Stddev	.012523	.13202	.0007228	.000021	.066290	.0054344	.037148
%RSD	.3412925	.4033312	.7097456	.2370767	4.053350	1.498353	2.574999

#1	3.654832	32.57902	.1025161	-.008667	1.600667	.3607187	1.422062
#2	3.674719	32.80914	.1010791	-.008705	1.711879	.3585205	1.485540
#3	3.677959	32.80619	.1019338	-.008700	1.593767	.3688377	1.420366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.46413	4.645102	-.019389	.0024882	2.881310	6.872168	.0149701
Stddev	.05453	.015789	.001707	.0003746	.011790	.040112	.0004040
%RSD	.2324104	.3399038	8.802680	15.05640	.4091754	.5836866	2.698543

#1	23.49015	4.641707	-.021341	.0028271	2.874434	6.854164	.0152556
#2	23.40146	4.631287	-.018180	.0020859	2.874573	6.918128	.0151469
#3	23.50077	4.662312	-.018646	.0025517	2.894924	6.844213	.0145079

Sample Name: I2453-18 Acquired: 3/30/2017 16:38:07 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.392077	.0786777	.2670933
Stddev	.005197	.0006649	.0004520
%RSD	.3733622	.8451321	.1692372

#1	1.386626	.0794426	.2666273
#2	1.392629	.0783531	.2675299
#3	1.396977	.0782374	.2671226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.030	2206.200	65122.32	10667.34	3291.734
Stddev	5.630	3.250	199.23	24.14	7.703
%RSD	.2799326	.1473039	.3059349	.2263092	.2340091

#1	2011.439	2204.555	65310.12	10683.76	3292.749
#2	2005.207	2209.943	64913.35	10678.65	3298.880
#3	2016.444	2204.101	65143.51	10639.62	3283.574

Sample Name: I2453-19 Acquired: 3/30/2017 16:42:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2887020	-.007091	2.810128	-.031763	.0164613	103.2369	1.575288
Stddev	.0052054	.001790	.010012	.000919	.0011547	.4256	.007528
%RSD	1.803050	25.24478	.3562818	2.894385	7.014557	.4122734	.4778648

#1	.2945856	-.008248	2.813294	-.030714	.0151624	103.4758	1.580218
#2	.2846953	-.005029	2.798915	-.032148	.0173713	103.4895	1.579022
#3	.2868250	-.007996	2.818174	-.032427	.0168502	102.7456	1.566623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126528	.0784945	425.1402	.1008388	.0718008	.7153203	138.1563
Stddev	.0001053	.0004502	1.5091	.0047693	.0005320	.0059680	.4814
%RSD	.8323105	.5734971	.3549741	4.729649	.7409438	.8343094	.3484798

#1	.0125321	.0785914	423.4681	.1016485	.0721671	.7212031	137.9135
#2	.0127264	.0780038	426.4012	.0957165	.0711906	.7154871	138.7108
#3	.0126998	.0788884	425.5513	.1051514	.0720448	.7092706	137.8446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.950579	60.81791	.1330218	-.000696	1.678722	.2910231	1.575284
Stddev	.009147	.24850	.0003494	.000805	.123596	.0032822	.084974
%RSD	.3100008	.4086041	.2626374	115.6537	7.362496	1.127807	5.394209

#1	2.946653	60.67491	.1327001	-.001086	1.597377	.2875651	1.610576
#2	2.961033	61.10486	.1329720	.000230	1.820949	.2940954	1.478351
#3	2.944051	60.67397	.1333935	-.001232	1.617841	.2914088	1.636925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.36926	7.038444	.0214539	.0032683	4.554106	5.076115	.0339865
Stddev	.15818	.024622	.0012825	.0004202	.021990	.041325	.0002145
%RSD	.5779387	.3498255	5.977989	12.85812	.4828571	.8141022	.6310890

#1	27.43727	7.049460	.0202209	.0036574	4.560995	5.083760	.0338883
#2	27.48205	7.010237	.0213601	.0028226	4.529496	5.031502	.0338386
#3	27.18845	7.055635	.0227808	.0033247	4.571826	5.113084	.0342324

Sample Name: I2453-19 Acquired: 3/30/2017 16:42:09 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.816694	.1169182	.8690516
Stddev	.006791	.0010778	.0019673
%RSD	.3737975	.9218624	.2263723

#1	1.818256	.1171482	.8698966
#2	1.822567	.1178624	.8704553
#3	1.809258	.1157439	.8668030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.481	2011.161	62204.49	10384.77	2883.497
Stddev	91.408	9.142	2569.70	42.62	11.088
%RSD	4.812285	.4545446	4.131048	.4103906	.3845411

#1	1862.587	2000.822	61137.11	10412.62	2871.481
#2	2003.570	2018.174	65135.86	10335.71	2893.334
#3	1832.285	2014.487	60340.50	10405.98	2885.676

Sample Name: I2453-20 Acquired: 3/30/2017 16:46:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890721	-.007501	.6665999	-.023686	.0061381	75.97558
Stddev	.0007677	.004152	.0040162	.002813	.0025678	.30422
%RSD	.4060263	55.35595	.6024888	11.87398	41.83388	.4004124

#1	.1884328	-.009795	.6711136	-.025876	.0076674	76.32337
#2	.1899235	-.002708	.6652650	-.020514	.0075733	75.75890
#3	.1888599	-.010000	.6634212	-.024669	.0031735	75.84448

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.821797	.0096245	.0235772	F 971.9147	.0843650	.0603245
Stddev	.008163	.0000897	.0002131	2.2016	.0005182	.0002989
%RSD	.4480523	.9316143	.9037361	.2265270	.6142819	.4954754

#1	1.831163	.0096247	.0236667	974.0599	.0841283	.0606311
#2	1.816199	.0097140	.0237310	969.6606	.0840073	.0603084
#3	1.818028	.0095347	.0233340	972.0235	.0849593	.0600340

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2491151	117.5417	2.168824	67.74776	.1099898	-.007755
Stddev	.0040685	.5256	.005342	.17978	.0007055	.000248
%RSD	1.633165	.4471896	.2462962	.2653610	.6413861	3.199667

#1	.2534424	118.0270	2.174748	67.95414	.1107011	-.007469
#2	.2485351	116.9834	2.167348	67.62523	.1092903	-.007879
#3	.2453677	117.6146	2.164375	67.66391	.1099778	-.007917

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.798582	.3115069	.9161666	16.47550	5.555734	.0146714
Stddev	.145682	.0003962	.0066045	.04076	.012948	.0009562
%RSD	8.099844	.1271748	.7208902	.2473902	.2330587	6.517363

#1	1.954217	.3118150	.9085617	16.52025	5.560906	.0150443
#2	1.776050	.3110600	.9194741	16.44051	5.565296	.0153850
#3	1.665478	.3116456	.9204639	16.46573	5.540999	.0135850

Sample Name: I2453-20 Acquired: 3/30/2017 16:46:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035545	3.692677	2.575222	.0057999	1.803992	.1114010
Stddev	.0005031	.011199	.008361	.0007460	.004593	.0001890
%RSD	14.15283	.3032642	.3246623	12.86195	.2545978	.1696666

#1	.0030512	3.697314	2.566005	.0065871	1.809266	.1114192
#2	.0035549	3.700813	2.582319	.0051034	1.800871	.1112035
#3	.0040574	3.679905	2.577341	.0057094	1.801838	.1115802

Elem	Sr4077
Units	ppm
Avg	1.417961
Stddev	.004821
%RSD	.3399970

#1	1.423159
#2	1.413636
#3	1.417089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1681.336	1834.858	54980.96	9484.506	2687.978
Stddev	6.417	2.265	248.21	26.863	3.040
%RSD	.3816378	.1234550	.4514473	.2832354	.1130899

#1	1688.574	1833.421	55264.44	9453.532	2685.319
#2	1679.088	1833.682	54802.64	9498.536	2687.324
#3	1676.346	1837.469	54875.80	9501.450	2691.292

Sample Name: I2453-21 Acquired: 3/30/2017 17:06:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1303840	-.008457	.4875308	-.036792	.0057853	128.6784	1.291658
Stddev	.0005240	.000663	.0032175	.001597	.0026132	.2307	.001039
%RSD	.4019277	7.834226	.6599550	4.340386	45.16975	.1792651	.0804189

#1	.1309387	-.007706	.4838864	-.035687	.0087509	128.9316	1.292345
#2	.1298973	-.008961	.4887281	-.036066	.0038202	128.6236	1.292166
#3	.1303159	-.008702	.4899780	-.038623	.0047847	128.4801	1.290463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117276	.0193585	290.8450	.1325403	.0831153	.2930173	170.8495
Stddev	.0000126	.0000113	1.0388	.0003638	.0007707	.0008454	.6690
%RSD	.1075140	.0584010	.3571648	.2744586	.9272137	.2885252	.3915674

#1	.0117393	.0193478	292.0278	.1321423	.0827936	.2921508	171.6076
#2	.0117143	.0193574	290.4264	.1328555	.0825576	.2930612	170.5992
#3	.0117293	.0193703	290.0808	.1326232	.0839947	.2938399	170.3419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.468450	69.89739	.1764628	-.011102	8.947056	.3466970	.7192464
Stddev	.012696	.23915	.0007570	.000066	.056602	.0016429	.0184416
%RSD	.3660398	.3421382	.4289592	.5929206	.6326377	.4738780	2.564011

#1	3.483082	69.89273	.1756441	-.011175	8.933050	.3477713	.7378079
#2	3.461909	70.13884	.1766070	-.011083	9.009346	.3475140	.7190042
#3	3.460358	69.66062	.1771372	-.011047	8.898771	.3448057	.7009272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.23433	5.031915	.0141017	.0026351	3.676219	6.204939	.0094681
Stddev	.06044	.022117	.0035395	.0003288	.016527	.059044	.0011592
%RSD	.2987116	.4395408	25.09978	12.47950	.4495713	.9515616	12.24324

#1	20.27099	5.012237	.0181838	.0025499	3.665334	6.268749	.0098054
#2	20.26743	5.027655	.0122342	.0029981	3.668087	6.193828	.0081777
#3	20.16457	5.055852	.0118870	.0023572	3.695237	6.152240	.0104213

Sample Name: I2453-21 Acquired: 3/30/2017 17:06:45 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.155874	.1445992	.5078815
Stddev	.003171	.0006647	.0005925
%RSD	.1470939	.4596892	.1166527

#1	2.158350	.1438352	.5085377
#2	2.156971	.1449177	.5073860
#3	2.152299	.1450448	.5077209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.175	2027.874	60048.17	10108.38	2963.749
Stddev	15.011	4.062	199.95	37.34	4.241
%RSD	.8139625	.2002881	.3329820	.3693722	.1430817

#1	1831.107	2023.673	59858.90	10081.98	2962.108
#2	1840.848	2031.781	60028.31	10092.06	2968.565
#3	1860.570	2028.167	60257.32	10151.10	2960.574

Sample Name: I2453-22 Acquired: 3/30/2017 17:10:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739070	-.002478	.7014489	-.015277	.0029304	109.5764	.3798702
Stddev	.0010347	.000949	.0009922	.001700	.0012013	.0994	.0009831
%RSD	1.399933	38.32235	.1414437	11.13086	40.99310	.0907276	.2587951

#1	.0729021	-.002832	.7023494	-.016205	.0043174	109.5949	.3803634
#2	.0749691	-.001402	.7003853	-.016311	.0022579	109.6653	.3805089
#3	.0738499	-.003199	.7016120	-.013314	.0022161	109.4691	.3787381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333778	.0200889	36.15355	.0512406	.0317014	.1241312	82.17598
Stddev	.0002528	.0002459	.06127	.0002911	.0001952	.0009469	.26263
%RSD	.7574629	1.224101	.1694600	.5680081	.6156163	.7627931	.3195919

#1	.0332891	.0202346	36.16141	.0509659	.0319112	.1235171	81.89958
#2	.0336630	.0202271	36.08874	.0512103	.0315253	.1252216	82.20612
#3	.0331813	.0198050	36.21051	.0515456	.0316675	.1236548	82.42223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.560452	44.93213	.0696448	-.003932	11.46800	.1456927	.4846297
Stddev	.004862	.22652	.0003031	.000118	.11026	.0027868	.0068761
%RSD	.3115843	.5041383	.4352162	3.004834	.9614416	1.912816	1.418843

#1	1.555107	44.74284	.0699794	-.003796	11.37994	.1444269	.4859727
#2	1.561634	45.18310	.0695664	-.003994	11.59166	.1488878	.4771812
#3	1.564613	44.87044	.0693886	-.004006	11.43241	.1437635	.4907353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.51536	2.367068	.0115196	.0008038	1.456559	4.021504	.0307673
Stddev	.05013	.009712	.0014176	.0002602	.009160	.026504	.0007708
%RSD	.1821978	.4103158	12.30648	32.37383	.6288603	.6590457	2.505240

#1	27.49177	2.377991	.0099149	.0005443	1.465924	4.051733	.0309132
#2	27.57294	2.363806	.0126022	.0008025	1.456132	4.010526	.0314547
#3	27.48138	2.359405	.0120415	.0010647	1.447620	4.002253	.0299340

Sample Name: I2453-22 Acquired: 3/30/2017 17:10:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3699440	.0677774	.3865170
Stddev	.0022284	.0002800	.0000872
%RSD	.6023740	.4131516	.0225485

#1	.3689099	.0679840	.3865265
#2	.3725017	.0678896	.3865989
#3	.3684205	.0674587	.3864254

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.035	2653.601	77502.46	12821.26	3246.152
Stddev	6.629	5.269	296.58	9.12	8.369
%RSD	.2733733	.1985458	.3826728	.0710963	.2578022

#1	2426.273	2653.883	77428.87	12813.57	3239.279
#2	2430.958	2648.197	77828.90	12818.88	3243.705
#3	2417.874	2658.723	77249.60	12831.33	3255.471

Sample Name: I2404-01A Acquired: 3/30/2017 17:20:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACC4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125217	-.000728	.5343117	-.000912	.1311658	14.46158	.2915192
Stddev	.0019787	.001216	.0021121	.002509	.0015527	.34750	.0063306
%RSD	15.80223	167.0221	.3952993	275.2420	1.183793	2.402941	2.171588

#1	.0132231	-.001667	.5364663	-.001453	.1314095	14.68760	.2952327
#2	.0140542	-.001163	.5342238	.001824	.1295057	14.06144	.2842095
#3	.0102879	.000646	.5322448	-.003107	.1325823	14.63570	.2951153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017810	.0162179	72.01981	.0666225	.0043292	.1529878	13.83177
Stddev	.0000519	.0001390	1.16880	.0008478	.0001760	.0025481	.28175
%RSD	2.912375	.8571343	1.622890	1.272511	4.065763	1.665538	2.036993

#1	.0017526	.0162953	72.90411	.0673680	.0041652	.1541685	14.03142
#2	.0017495	.0163010	70.69470	.0657003	.0043073	.1500635	13.50948
#3	.0018408	.0160574	72.46061	.0667991	.0045151	.1547313	13.95440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5521793	5.438122	.0712474	.0002138	.4273711	.0465765	.7749183
Stddev	.0101066	.115045	.0004717	.0002921	.1045670	.0011158	.0132618
%RSD	1.830310	2.115523	.6621005	136.6263	24.46749	2.395656	1.711379

#1	.5566596	5.519062	.0717608	-.000085	.3690886	.0452881	.7616710
#2	.5406071	5.306428	.0711482	.000227	.5480908	.0472245	.7748894
#3	.5592713	5.488877	.0708331	.000499	.3649339	.0472169	.7881945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5454703	5.875144	.0199666	.0017713	2.845491	4.849053	.0187078
Stddev	.0441000	.004220	.0008264	.0002106	.008249	.101891	.0009859
%RSD	8.084769	.0718221	4.139034	11.89063	.2898851	2.101264	5.270015

#1	.5867417	5.874138	.0190429	.0017132	2.846028	4.939157	.0186533
#2	.4990021	5.871519	.0202213	.0020048	2.853458	4.738481	.0177502
#3	.5506670	5.879776	.0206358	.0015958	2.836987	4.869521	.0197198

Sample Name: I2404-01A Acquired: 3/30/2017 17:20:18 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACC4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3380731	.0107547	.2016125
Stddev	.0085426	.0003981	.0047904
%RSD	2.526847	3.701494	2.376056

#1	.3433135	.0102965	.2045536
#2	.3282156	.0110160	.1960848
#3	.3426904	.0109515	.2041990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.032	1839.697	54836.47	8977.412	3544.692
Stddev	13.030	6.245	103.52	144.235	12.835
%RSD	.7820877	.3394511	.1887771	1.606641	.3620917

#1	1676.570	1832.507	54951.10	8862.410	3529.988
#2	1670.062	1842.811	54749.80	9139.242	3550.441
#3	1651.463	1843.772	54808.52	8930.583	3553.648

Sample Name: CCV020 Acquired: 3/30/2017 17:29:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.157615	4.997017	24.83616	5.081846	5.249522	398.1408	10.71141
Stddev	.008744	.012108	.06921	.015530	.019829	2.3173	.03900
%RSD	.1695372	.2423099	.2786778	.3056036	.3777269	.5820254	.3640613

#1	5.150523	5.000787	24.84250	5.081609	5.250414	398.2638	10.73416
#2	5.154937	4.983472	24.76399	5.066436	5.229262	395.7645	10.66638
#3	5.167385	5.006791	24.90198	5.097493	5.268890	400.3941	10.73368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5203649	2.494920	398.4504	15.34887	2.515408	15.85092	388.4872
Stddev	.0056664	.004740	3.4746	.04554	.005825	.09081	3.6840
%RSD	1.088922	.1899837	.8720255	.2967156	.2315889	.5728727	.9482849

#1	.5178232	2.493216	396.0956	15.29649	2.514209	15.86921	386.9791
#2	.5164143	2.491268	396.8146	15.37092	2.510275	15.75236	385.7965
#3	.5268571	2.500276	402.4409	15.37918	2.521739	15.93119	392.6859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73968	396.5056	2.546991	1.296688	395.8615	2.510138	13.87353
Stddev	.17019	4.0836	.006165	.000839	2.9922	.022599	.02213
%RSD	1.154609	1.029903	.2420534	.0646926	.7558797	.9002977	.1595017

#1	14.67123	394.7269	2.545481	1.296991	396.2188	2.503654	13.86138
#2	14.61438	393.6129	2.541721	1.297333	392.7066	2.491490	13.86013
#3	14.93344	401.1769	2.553771	1.295740	398.6590	2.535270	13.89907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.1730	5.317518	5.055279	5.113509	5.194849	5.156422	5.096457
Stddev	1.0412	.020379	.046648	.017623	.020269	.051679	.007179
%RSD	.6342169	.3832364	.9227583	.3446267	.3901757	1.002232	.1408629

#1	164.3129	5.336078	5.025623	5.107882	5.212536	5.135368	5.100210
#2	163.0689	5.295711	5.031165	5.099387	5.172731	5.118593	5.088179
#3	165.1372	5.320766	5.109048	5.133258	5.199280	5.215305	5.100982

Sample Name: CCV020 Acquired: 3/30/2017 17:29:03 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.131119	5.536463	5.238624
Stddev	.032970	.054608	.062664
%RSD	.6425503	.9863249	1.196187

#1	5.126204	5.577948	5.171674
#2	5.100883	5.474596	5.248329
#3	5.166271	5.556846	5.295869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.929	1502.752	46333.45	7803.538	2522.258
Stddev	10.553	4.750	91.14	72.964	6.313
%RSD	.7570657	.3160667	.1966958	.9350125	.2503106

#1	1387.075	1500.939	46238.47	7817.430	2517.921
#2	1406.081	1508.141	46420.19	7868.557	2529.501
#3	1388.631	1499.176	46341.70	7724.626	2519.350

Sample Name: CCB020 Acquired: 3/30/2017 17:32:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000393	.0009531	.0002560	.0010215	-.000437	-.001597	-.001716
Stddev	.000653	.0009354	.0011029	.0024083	.000716	.000891	.000412
%RSD	166.0921	98.14174	430.7772	235.7582	163.6026	55.81351	23.98828

#1	.000224	-.000127	-.000579	.0034298	-.000399	-.001120	-.001629
#2	-.000326	.001505	-.000159	.0010214	.000258	-.001046	-.002164
#3	-.001077	.001481	.001506	-.001387	-.001171	-.002626	-.001355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000194	.0000072	.0066223	.0000736	.0001278	.0004625	.0023023
Stddev	.0000582	.0000375	.0058270	.0002989	.0000553	.0002604	.0069149
%RSD	300.7403	520.6887	87.98987	405.8866	43.27410	56.31307	300.3469

#1	.0000503	-.000029	.0079166	-.000212	.0001652	.0006463	.0102758
#2	-.000048	.000045	.0002571	.000384	.0000643	.0001644	-.002050
#3	.000056	.000005	.0116934	.000048	.0001540	.0005767	-.001319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006881	-.000131	.0000006	.0003577	.0893383	.0016744	.0037062
Stddev	.0007024	.013354	.0001596	.0000978	.0483875	.0001540	.0044348
%RSD	102.0749	10164.62	28003.47	27.32444	54.16212	9.195399	119.6575

#1	.0000011	-.006757	.0001547	.0002473	.0377691	.0014966	.0077040
#2	.0006584	-.008877	-.000164	.0004330	.1337459	.0017599	-.001064
#3	.0014048	.015240	.000011	.0003930	.0965000	.0017665	.004479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498563	-.001743	-.002228	.0001392	-.007878	-.002969	-.000449
Stddev	.0289876	.002910	.001541	.0000343	.003463	.000886	.000612
%RSD	58.14233	166.9614	69.16909	24.66736	43.96086	29.84219	136.3744

#1	.0724324	-.001342	-.000818	.0001107	-.009939	-.003685	-.000504
#2	.0599698	-.004833	-.001993	.0001773	-.003880	-.003244	.000189
#3	.0171668	.000946	-.003874	.0001296	-.009815	-.001978	-.001032

Sample Name: CCB020 Acquired: 3/30/2017 17:32:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v861) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001013	-.000124	.0000336
Stddev	.0003662	.000931	.0000083
%RSD	361.6392	753.2126	24.66100

#1	-.000104	.000524	.0000382
#2	.000524	-.001190	.0000241
#3	-.000116	.000295	.0000386

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.047	1935.817	56165.34	8453.960	3876.343
Stddev	12.568	11.559	121.34	76.495	22.814
%RSD	.7144633	.5971172	.2160466	.9048475	.5885386

#1	1744.842	1933.764	56039.42	8448.610	3877.392
#2	1763.578	1948.266	56175.07	8380.280	3898.615
#3	1768.720	1925.423	56281.53	8532.990	3853.023