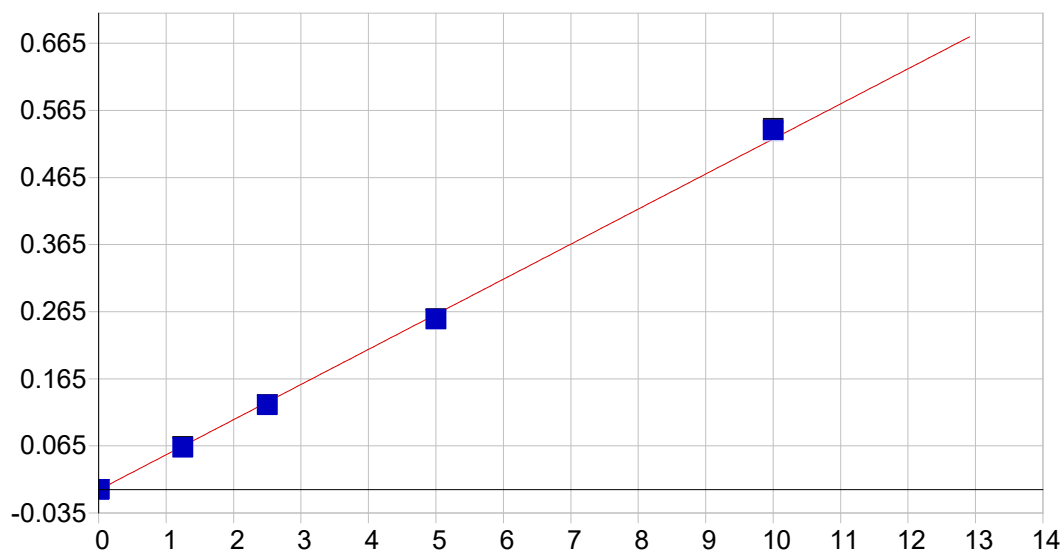


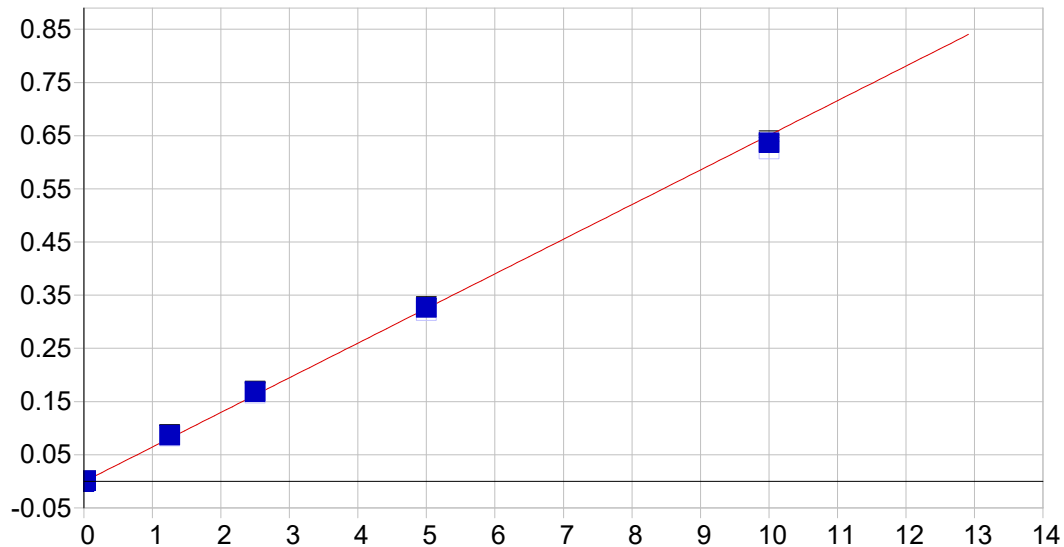


As 189.042 {479}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000474	Re-Slope:	1.000000
A1 (Gain):	0.052303	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999626	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.003600		
Predicted MQL:	0.012001		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.01033	.000	3.33	.00007	.000	1
S2	1.2500	1.2111	-.039	-3.11	.06264	.001	1
S3	2.5000	2.4213	-.079	-3.15	.12570	.000	1
S4	5.0000	4.8629	-.137	-2.74	.25294	.001	1
S5	10.000	10.254	.254	2.54	.53399	.002	1

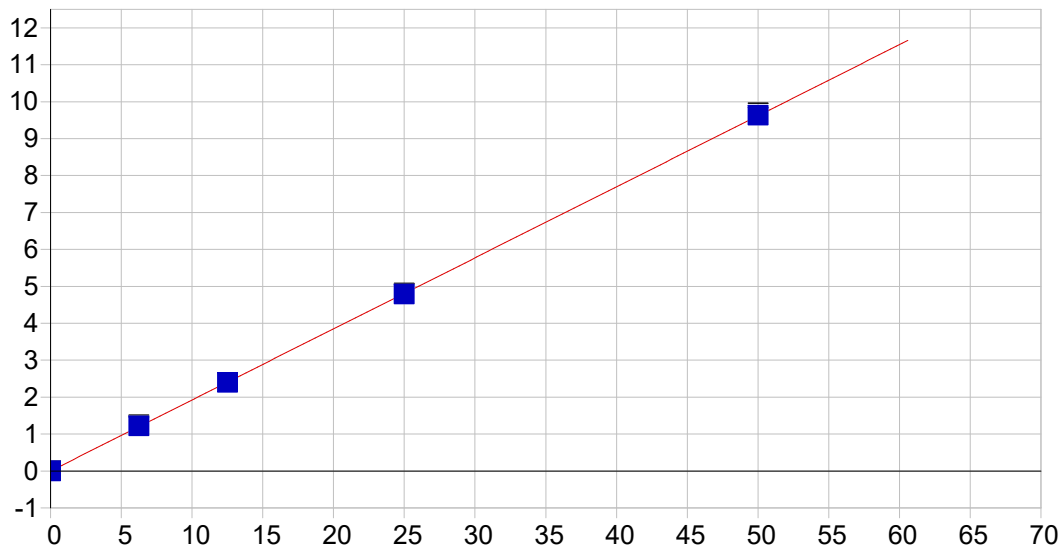


TI 190.856 {477}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000647 Re-Slope: 1.000000
 A1 (Gain): 0.065129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.002355
 Predicted MQL: 0.007851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00065	.000	1
S1	.02500	.02728	.002	9.13	.00106	.000	1
S2	1.2500	1.3357	.086	6.86	.08485	.002	1
S3	2.5000	2.5991	.099	3.97	.16563	.001	1
S4	5.0000	5.0254	.025	.508	.32065	.002	1
S5	10.000	9.7875	-.212	-2.12	.62480	.004	1

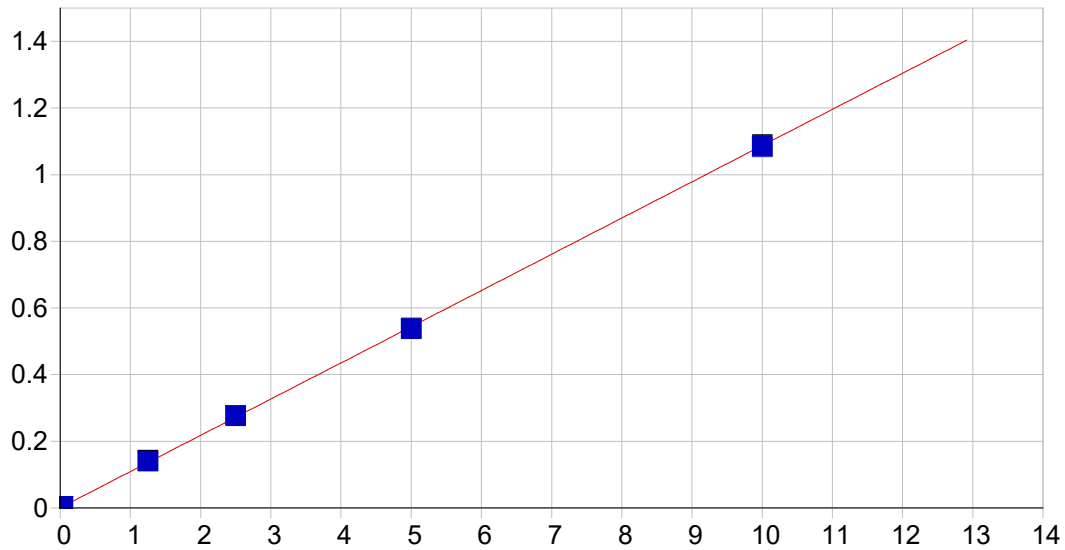


Pb 220.353 {453}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000322	Re-Slope:	1.000000
A1 (Gain):	0.192387	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.001824		
Predicted MQL:	0.006080		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00916	-.001	-8.36	.00144	.000	1
S2	6.2500	6.3300	.080	1.28	1.2174	.023	1
S3	12.500	12.439	-.061	-.488	2.3925	.005	1
S4	25.000	24.912	-.088	-.352	4.7919	.025	1
S5	50.000	50.070	.070	.140	9.6315	.058	1

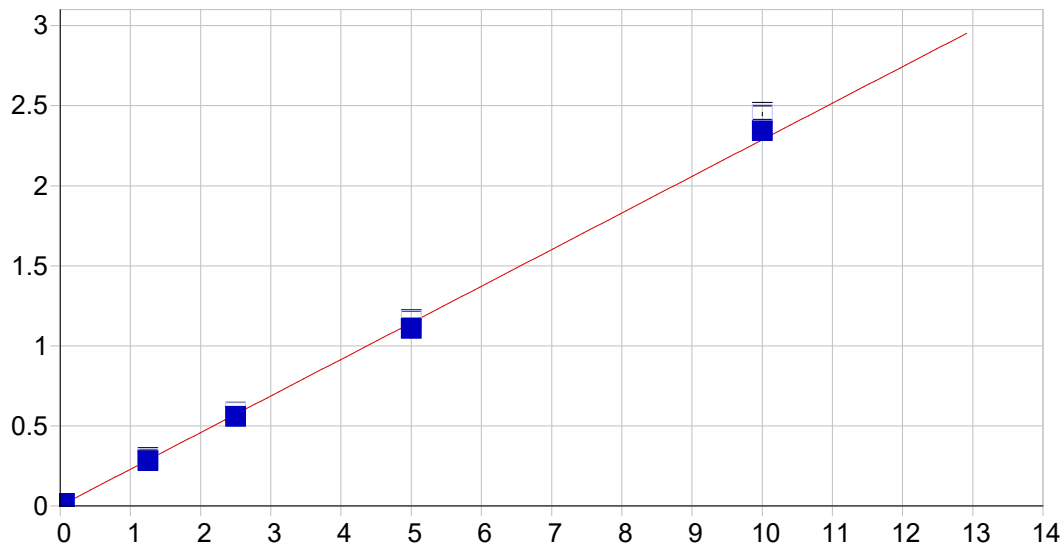


Se 196.090 {472}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000436 Re-Slope: 1.000000
 A1 (Gain): 0.108677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002677
 Predicted MQL: 0.008922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.03500	.03887	.004	11.1	.00466	.000	1
S2	1.2500	1.2834	.033	2.67	.13956	.003	1
S3	2.5000	2.5425	.042	1.70	.27603	.001	1
S4	5.0000	4.9458	-.054	-1.08	.53650	.002	1
S5	10.000	9.9744	-.026	-.256	1.0816	.005	1

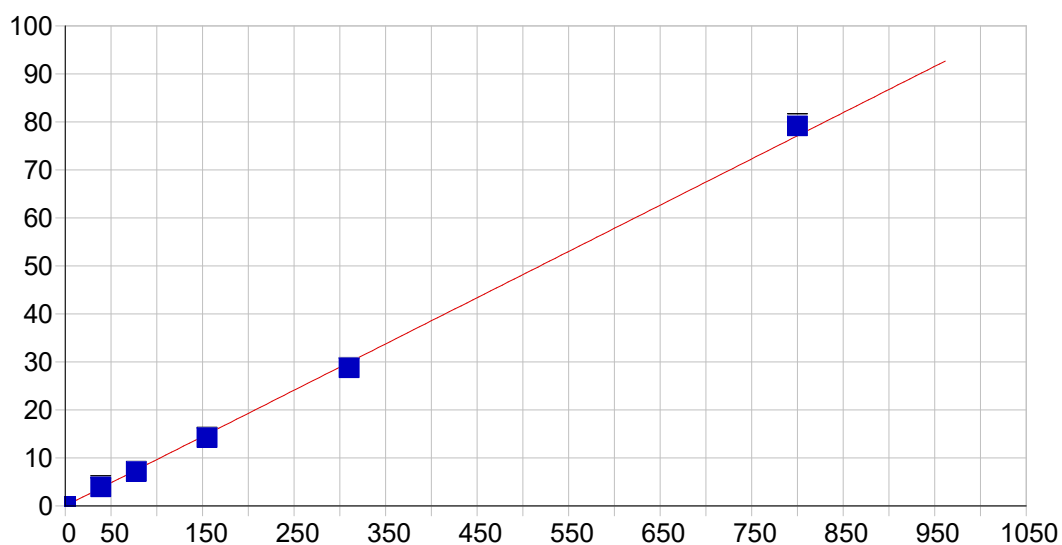


Sb 206.833 {463}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000743 Re-Slope: 1.000000
 A1 (Gain): 0.228626 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999681 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.001593
 Predicted MQL: 0.005311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.06000	.06238	.002	3.97	.01502	.000	1
S2	1.2500	1.2277	-.022	-1.78	.29459	.006	1
S3	2.5000	2.4398	-.060	-2.41	.58487	.001	1
S4	5.0000	4.8372	-.163	-3.26	1.1593	.005	1
S5	10.000	10.243	.243	2.43	2.4478	.011	1

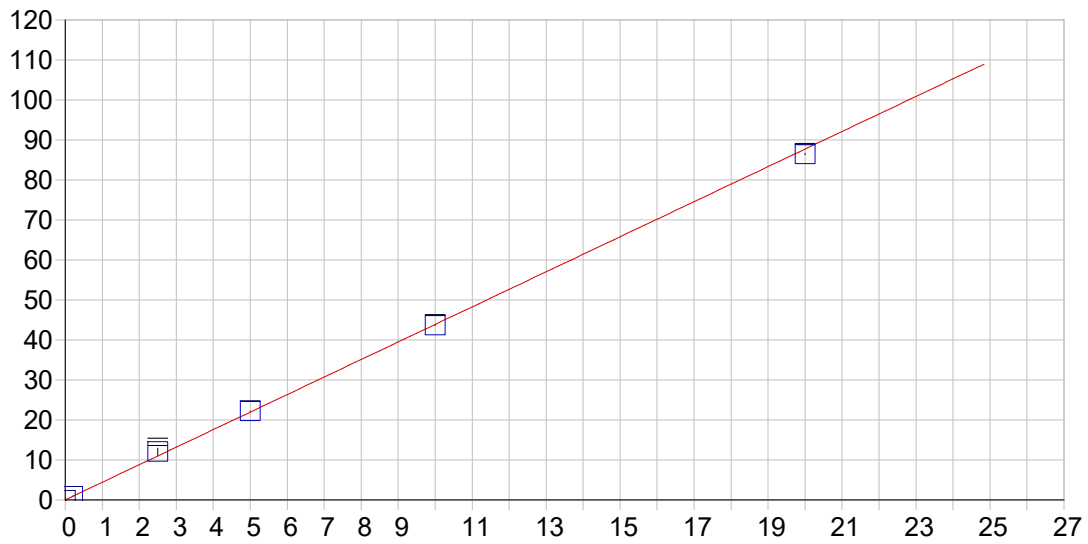


AI 396.152 { 85}

Date of Fit: 02/08/2019 11:49:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004860 Re-Slope: 1.000000
 A1 (Gain): 0.096382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999416 Status: OK.
 Std Error of Est: 0.002052
 Predicted MDL: 0.015352
 Predicted MQL: 0.051174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00486	.001	1
S1	.20000	.19753	-.002	-1.23	.02423	.000	1
S2	38.750	40.539	1.79	4.62	3.9195	.291	1
S3	77.500	74.276	-3.22	-4.16	7.1786	.007	1
S4	155.00	147.28	-7.72	-4.98	14.229	.091	1
S5	310.00	298.06	-11.9	-3.85	28.792	.076	1
S6	800.00	821.13	21.1	2.64	79.195	.463	1

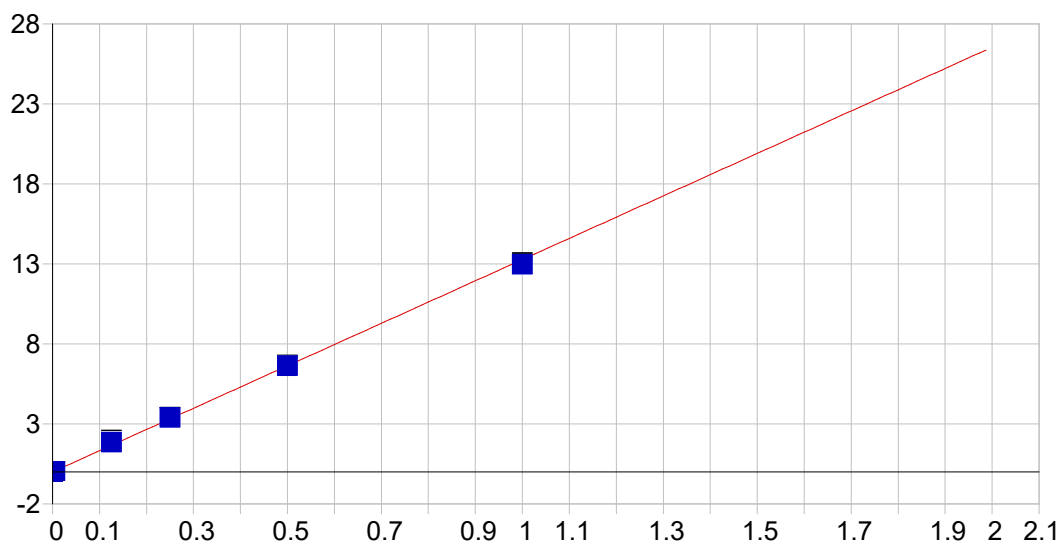


Ba 493.409 { 68}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.027239	Re-Slope:	1.000000
A1 (Gain):	4.384380	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999617	Status:	OK.
Std Error of Est:	0.012898		
Predicted MDL:	0.000972		
Predicted MQL:	0.003239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02711	.002	1
S1	.20000	.20991	.010	4.95	.94755	.006	1
S2	2.5000	2.7436	.244	9.75	12.056	.897	1
S3	5.0000	5.0587	.059	1.17	22.206	.054	1
S4	10.000	9.9646	-.035	-.354	43.716	.111	1
S5	20.000	19.723	-.277	-1.38	86.501	.172	1

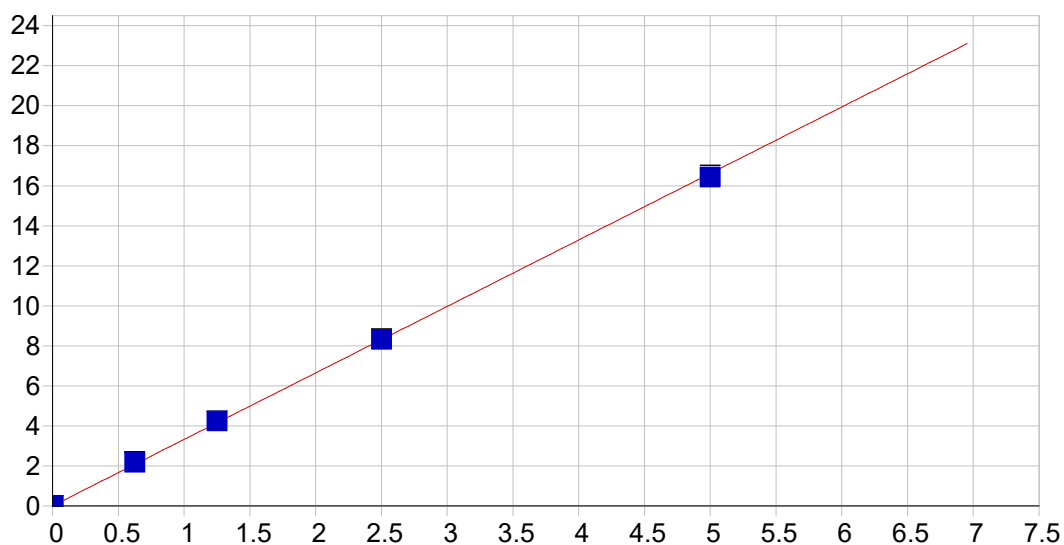


Be 234.861 {144}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003445 Re-Slope: 1.000000
 A1 (Gain): 13.272295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999345 Status: OK.
 Std Error of Est: 0.001798
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00346	.001	1
S1	.00500	.00518	.000	3.50	.06520	.001	1
S2	.12500	.14000	.015	12.0	1.8491	.128	1
S3	.25000	.25639	.006	2.55	3.3884	.019	1
S4	.50000	.50033	.000	.067	6.6151	.046	1
S5	1.0000	.97811	-.022	-2.19	12.934	.110	1

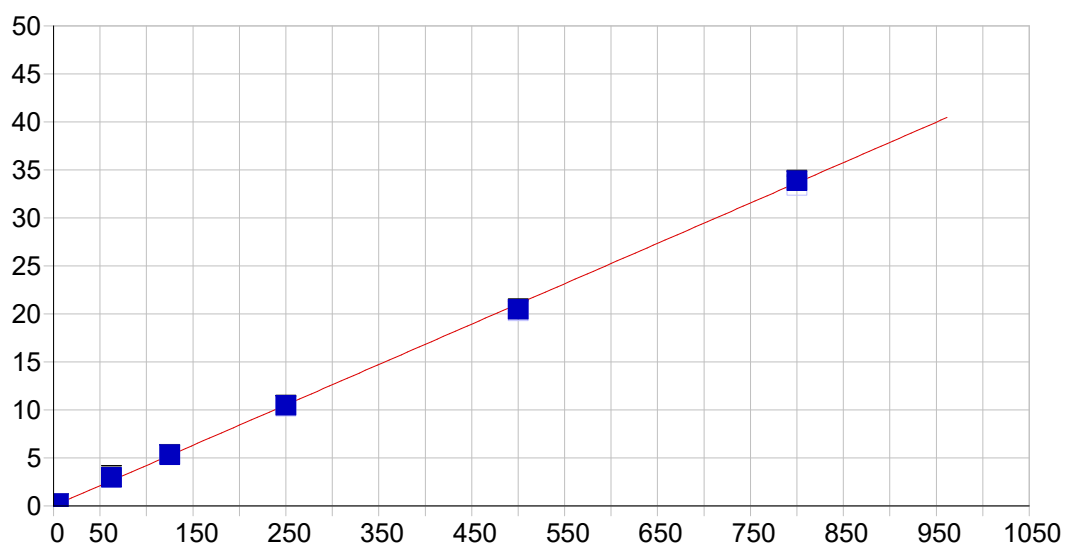


Cd 214.438 {457}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000404	Re-Slope:	1.000000
A1 (Gain):	3.322730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000465		
Predicted MDL:	0.000082		
Predicted MQL:	0.000274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.00500	.00527	.000	5.42	.01793	.000	1
S2	.62500	.65459	.030	4.73	2.1786	.041	1
S3	1.2500	1.2761	.026	2.08	4.2468	.021	1
S4	2.5000	2.5013	.001	.053	8.3244	.041	1
S5	5.0000	4.9428	-.057	-1.14	16.449	.091	1

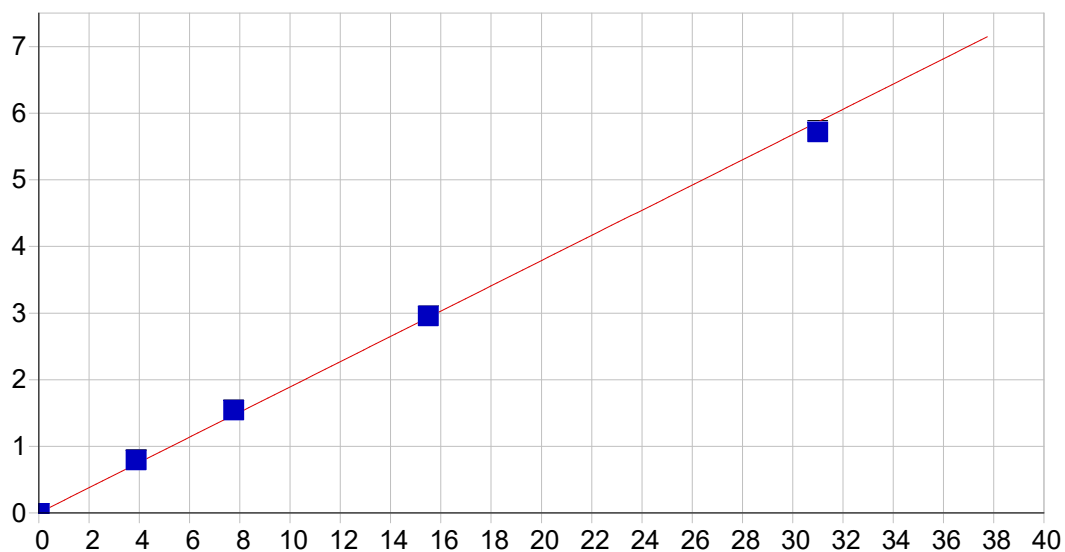


Ca 373.690 { 90}

Date of Fit: 02/08/2019 11:49:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003899 Re-Slope: 1.000000
 A1 (Gain): 0.042069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599 Status: OK.
 Std Error of Est: 0.004112
 Predicted MDL: 0.024700
 Predicted MQL: 0.082335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00093	-.001	.000	.00386	.001	1
S1	5.0000	5.3810	.381	7.62	.23021	.001	1
S2	62.500	70.073	7.57	12.1	2.9283	.220	1
S3	125.00	126.72	1.72	1.37	5.2877	.025	1
S4	250.00	248.86	-1.14	-.454	10.379	.025	1
S5	500.00	486.57	-13.4	-2.69	20.285	.055	1
S6	800.00	804.92	4.92	.615	33.364	.066	1

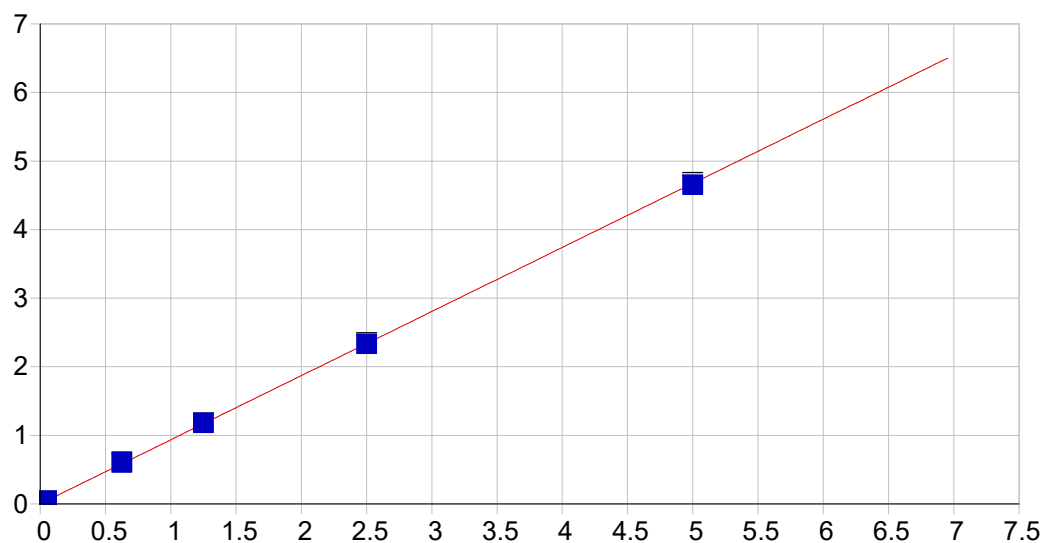


Cr 267.716 {126}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000022	Re-Slope:	1.000000
A1 (Gain):	0.189339	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999434	Status:	OK.
Std Error of Est:	0.000188		
Predicted MDL:	0.000590		
Predicted MQL:	0.001967		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01162	.002	16.2	.00222	.000	1
S2	3.8750	4.1882	.313	8.08	.79392	.002	1
S3	7.7500	8.1350	.385	4.97	1.5421	.002	1
S4	15.500	15.600	.100	.648	2.9575	.005	1
S5	31.000	30.200	-.800	-2.58	5.7253	.016	1

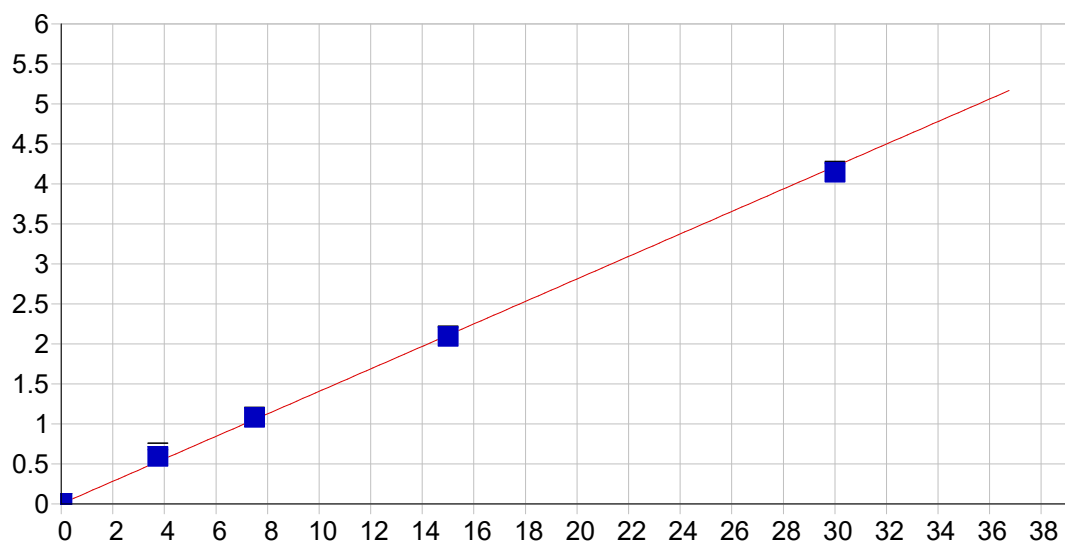


Co 228.616 {448}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000662	Re-Slope:	1.000000
A1 (Gain):	0.934992	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000209		
Predicted MDL:	0.000289		
Predicted MQL:	0.000963		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.05000	.05002	.000	.050	.04760	.000	1
S2	.62500	.64156	.017	2.65	.60145	.012	1
S3	1.2500	1.2614	.011	.913	1.1819	.003	1
S4	2.5000	2.4960	-.004	-.160	2.3381	.015	1
S5	5.0000	4.9760	-.024	-.480	4.6606	.031	1

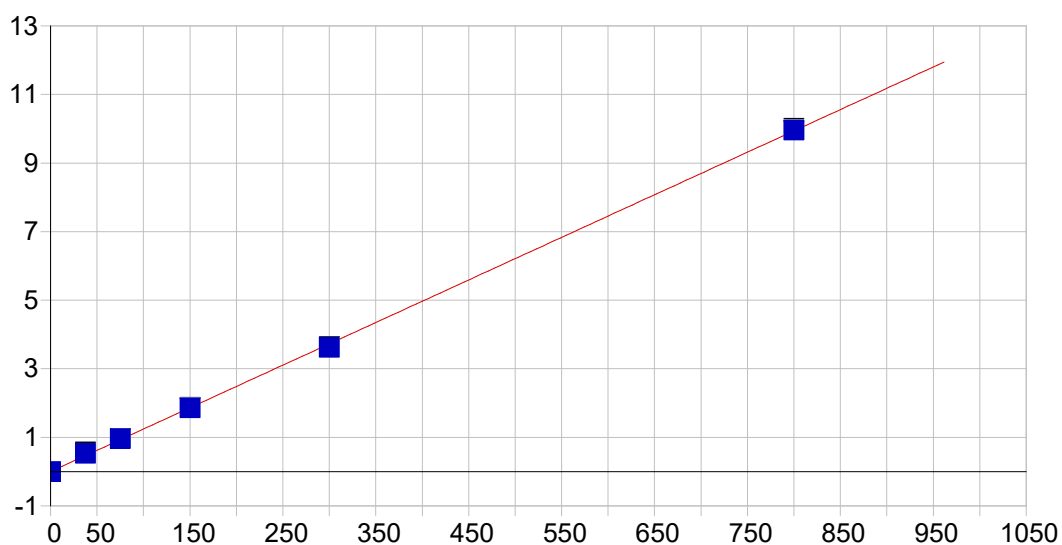


Cu 324.754 {104}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001380 Re-Slope: 1.000000
 A1 (Gain): 0.140547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999370 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.005261
 Predicted MQL: 0.017536

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00138	.000	1
S1	.02500	.02729	.002	9.16	.00521	.000	1
S2	3.7500	4.2108	.461	12.3	.59280	.042	1
S3	7.5000	7.6768	.177	2.36	1.0795	.003	1
S4	15.000	14.875	-.125	-.832	2.0905	.007	1
S5	30.000	29.485	-.515	-1.72	4.1423	.015	1

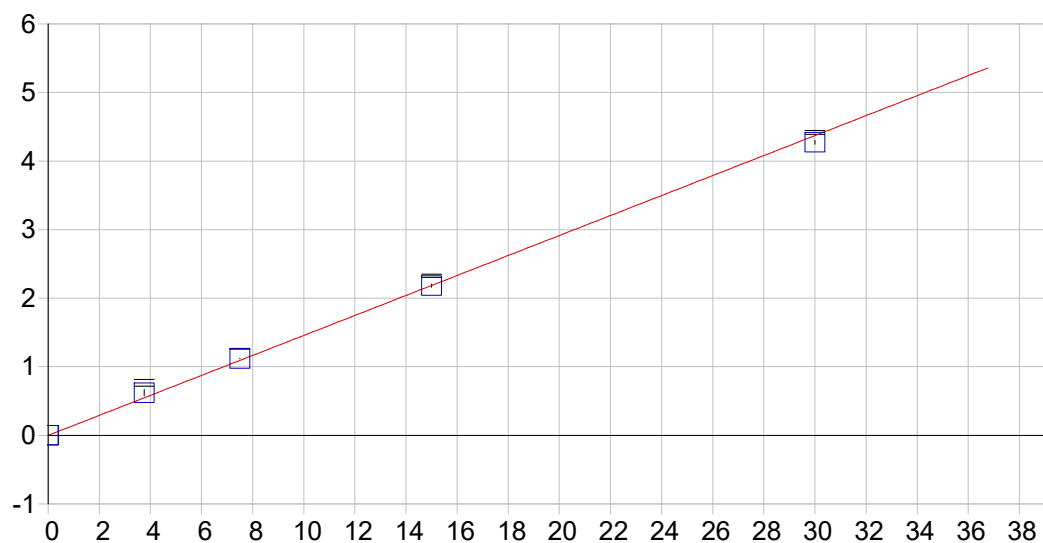


Fe 259.837 {130}

Date of Fit: 02/08/2019 11:49:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.012423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999606 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.027115
 Predicted MQL: 0.090384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00008	.000	1
S1	.10000	.14701	.047	47.0	.00195	.000	1
S2	37.500	42.743	5.24	14.0	.53203	.038	1
S3	75.000	77.277	2.28	3.04	.96200	.002	1
S4	150.00	149.50	-.499	-.332	1.8612	.014	1
S5	300.00	291.37	-8.63	-2.88	3.6274	.018	1
S6	800.00	801.56	1.56	.195	9.9702	.041	1

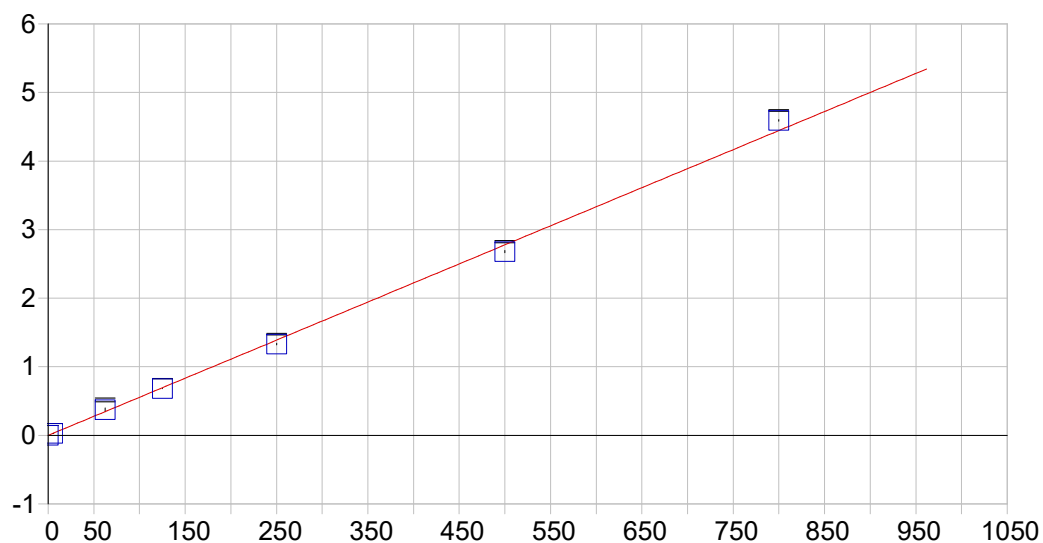


Mn 257.610 {131}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000202	Re-Slope:	1.000000
A1 (Gain):	0.145722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999211	Status:	OK.
Std Error of Est:	0.000206		
Predicted MDL:	0.001994		
Predicted MQL:	0.006646		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.01500	.01725	.002	15.0	.00231	.000	1
S2	3.7500	4.2603	.510	13.6	.62062	.049	1
S3	7.5000	7.6783	.178	2.38	1.1187	.005	1
S4	15.000	14.975	-.025	-.163	2.1821	.024	1
S5	30.000	29.334	-.666	-2.22	4.2744	.027	1

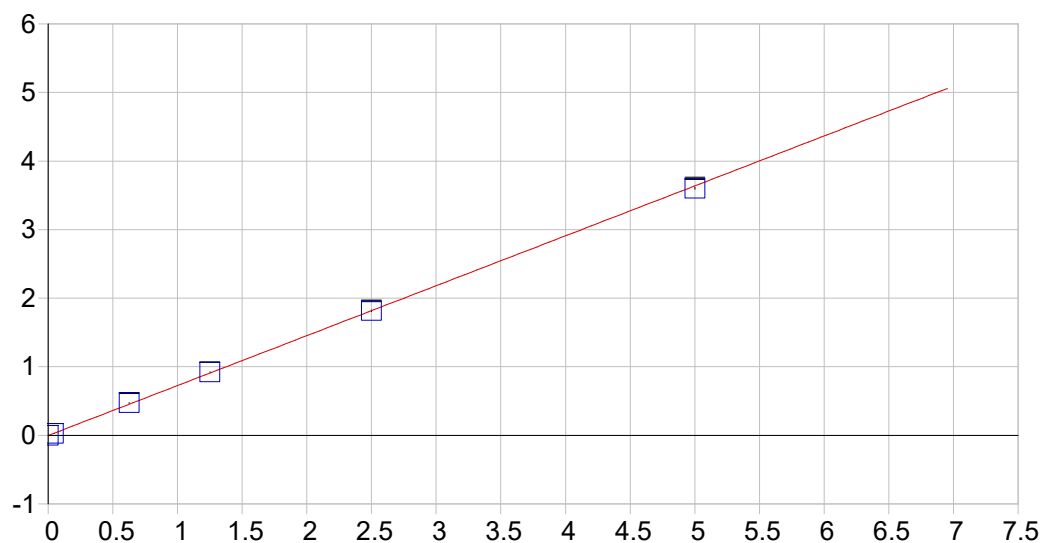


Mg 279.079 {121}

Date of Fit: 02/08/2019 11:49:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000371	Re-Slope:	1.000000
A1 (Gain):	0.005556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999341	Status:	OK.
Std Error of Est:	0.000704		
Predicted MDL:	0.072669		
Predicted MQL:	0.242230		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00037	.000	1
S1	5.0000	5.0184	.018	.367	.02751	.001	1
S2	62.500	66.786	4.29	6.86	.37071	.028	1
S3	125.00	122.55	-2.45	-1.96	.68053	.003	1
S4	250.00	239.51	-10.5	-4.20	1.3304	.013	1
S5	500.00	482.14	-17.9	-3.57	2.6785	.015	1
S6	800.00	826.50	26.5	3.31	4.5919	.011	1

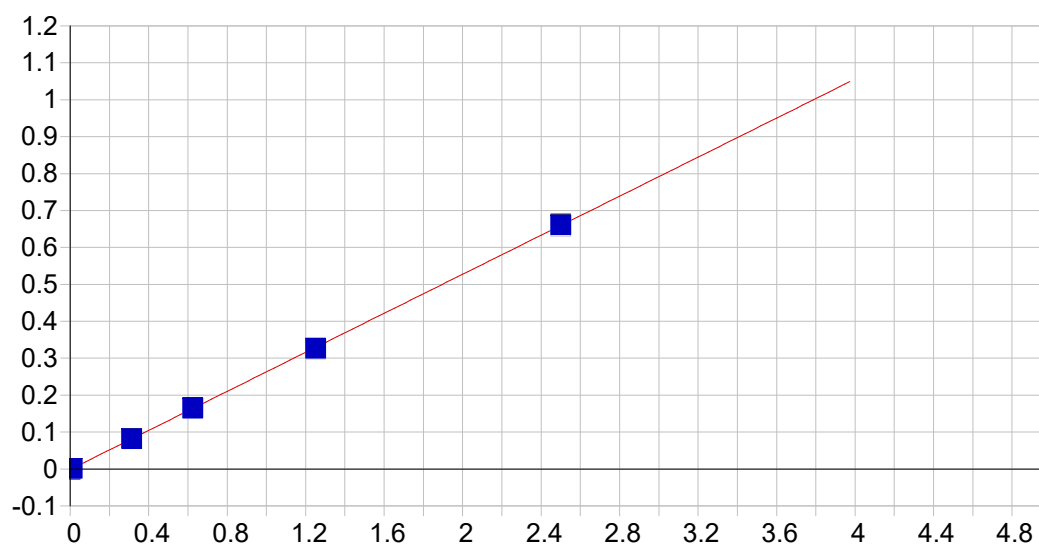


Ni 231.604 {446}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001998 Re-Slope: 1.000000
A1 (Gain): 0.727946 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999891 Status: OK.
Std Error of Est: 0.000255
Predicted MDL: 0.000428
Predicted MQL: 0.001427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00200	.000	1
S1	.04000	.04233	.002	5.82	.02881	.000	1
S2	.62500	.65175	.027	4.28	.47244	.008	1
S3	1.2500	1.2700	.020	1.60	.92250	.002	1
S4	2.5000	2.4983	-.002	-.067	1.8167	.010	1
S5	5.0000	4.9526	-.047	-.948	3.6032	.016	1

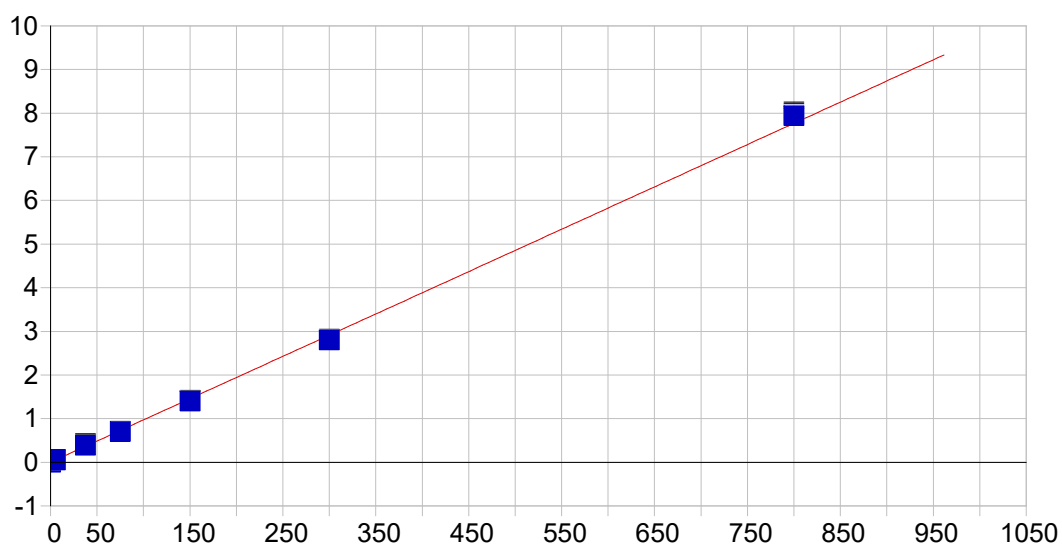


Ag 328.068 {103}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001295	Re-Slope:	1.000000
A1 (Gain):	0.264349	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.000604		
Predicted MQL:	0.002012		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00130	.000	1
S1	.01000	.01083	.001	8.35	.00155	.000	1
S2	.31250	.31519	.003	.861	.08149	.000	1
S3	.62500	.62779	.003	.447	.16358	.001	1
S4	1.2500	1.2390	-.011	-.878	.32408	.001	1
S5	2.5000	2.5047	.005	.186	.65650	.003	1

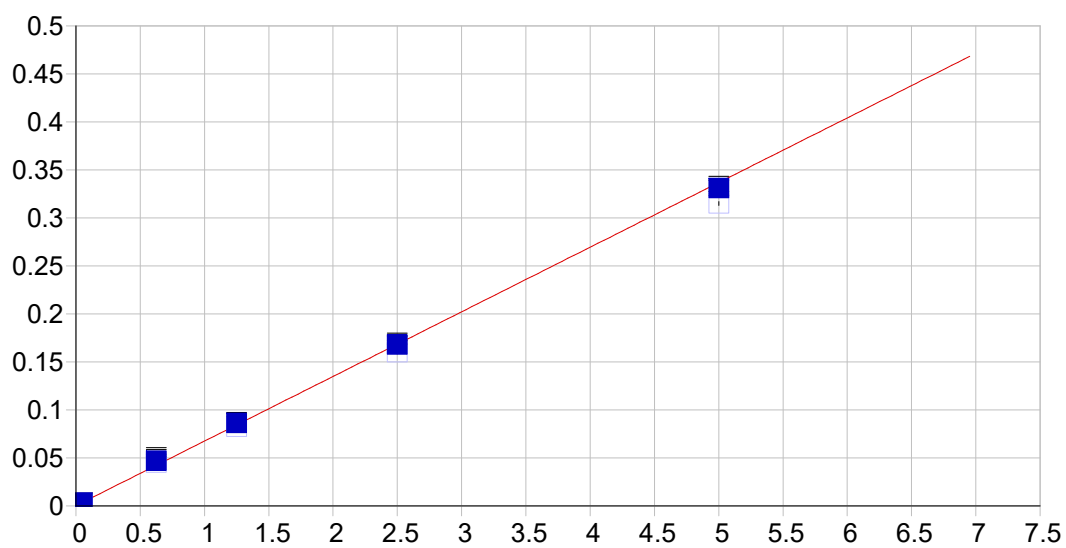


Na 818.326 { 41}

Date of Fit: 02/08/2019 11:49:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000264 Re-Slope: 1.000000
 A1 (Gain): 0.009709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515 Status: OK.
 Std Error of Est: 0.000940
 Predicted MDL: 0.345967
 Predicted MQL: 1.153223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	.00026	.003	1
S1	5.0000	5.3185	.319	6.37	.05190	.001	1
S2	37.500	39.990	2.49	6.64	.39013	.030	1
S3	75.000	72.486	-2.51	-3.35	.70725	.003	1
S4	150.00	144.33	-5.67	-3.78	1.4080	.012	1
S5	300.00	288.01	-12.0	-4.00	2.8094	.008	1
S6	800.00	817.37	17.4	2.17	7.9703	.055	1

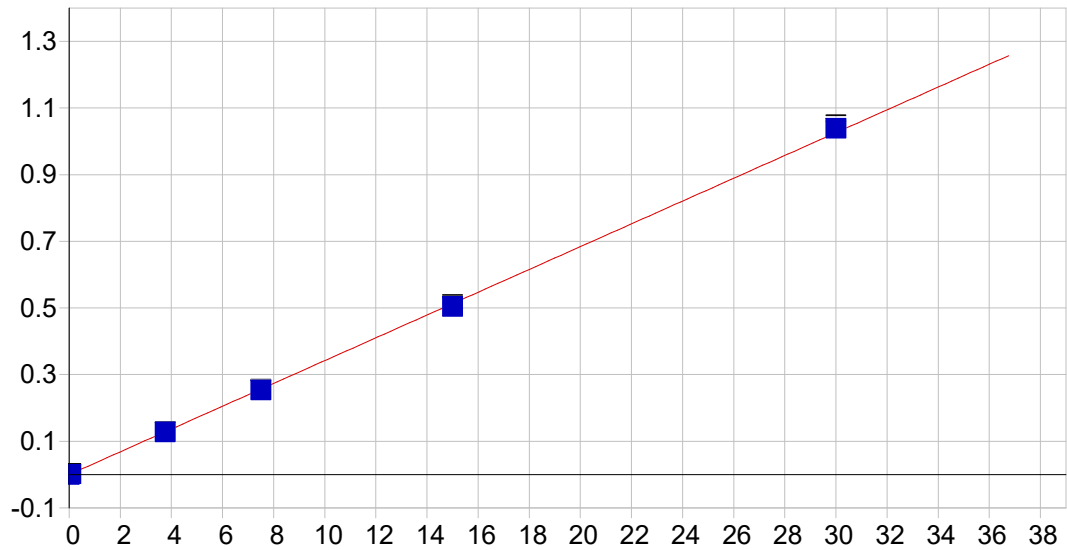


V 292.402 {115}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000213	Re-Slope:	1.000000
A1 (Gain):	0.067323	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999402	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.007357		
Predicted MQL:	0.024522		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.05000	.04494	-.005	-10.1	.00323	.000	1
S2	.62500	.69371	.069	11.0	.04490	.003	1
S3	1.2500	1.2786	.029	2.29	.08226	.001	1
S4	2.5000	2.4944	-.006	-.223	.16008	.002	1
S5	5.0000	4.9136	-.086	-1.73	.31487	.002	1

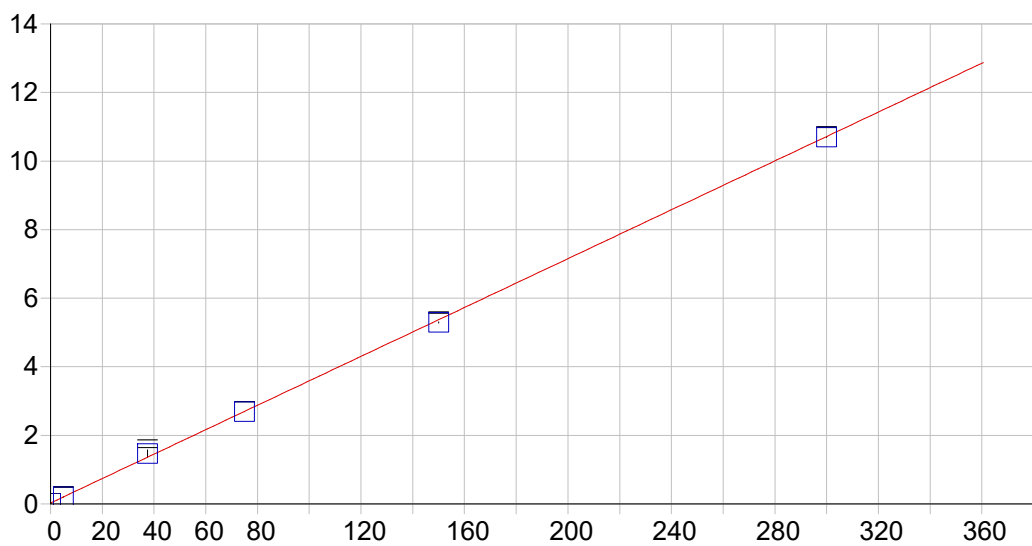


Zn 213.856 {158}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.034206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.013966
 Predicted MQL: 0.046553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.001	1
S1	.06000	.06026	.000	.429	.00201	.000	1
S2	3.7500	3.7250	-.025	-.668	.12757	.001	1
S3	7.5000	7.4146	-.085	-1.14	.25399	.002	1
S4	15.000	14.748	-.252	-1.68	.50524	.004	1
S5	30.000	30.363	.363	1.21	1.0402	.009	1

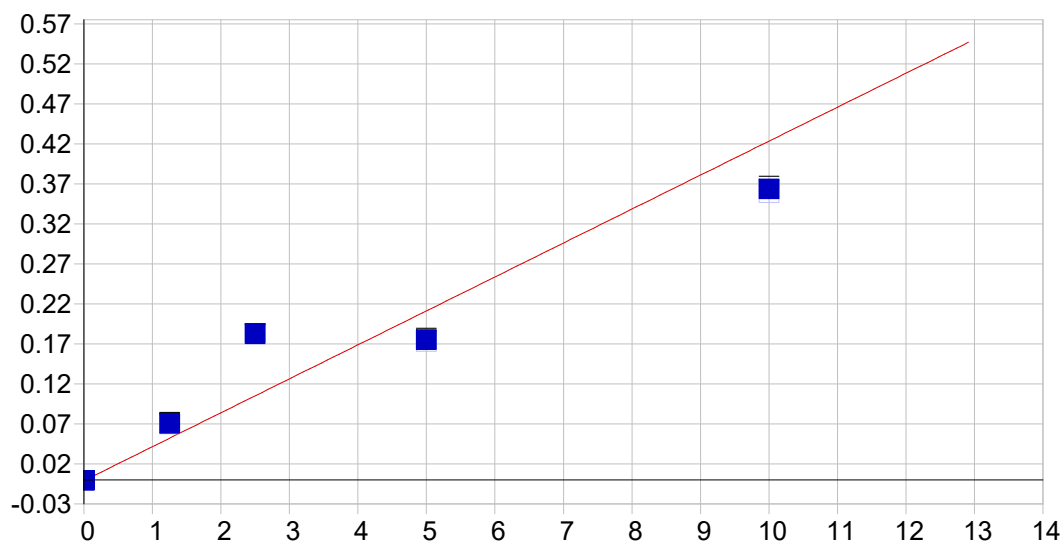


K 769.896 { 44 }

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027119 Re-Slope: 1.000000
 A1 (Gain): 0.035630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.001570
 Predicted MDL: 0.083163
 Predicted MQL: 0.277211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	-.000	.000	.02711	.004	1
S1	5.0000	5.0123	.012	.245	.20571	.006	1
S2	37.500	40.403	2.90	7.74	1.4667	.114	1
S3	75.000	74.747	-.253	-.337	2.6904	.005	1
S4	150.00	147.78	-2.22	-1.48	5.2924	.020	1
S5	300.00	299.56	-.438	-.146	10.701	.014	1

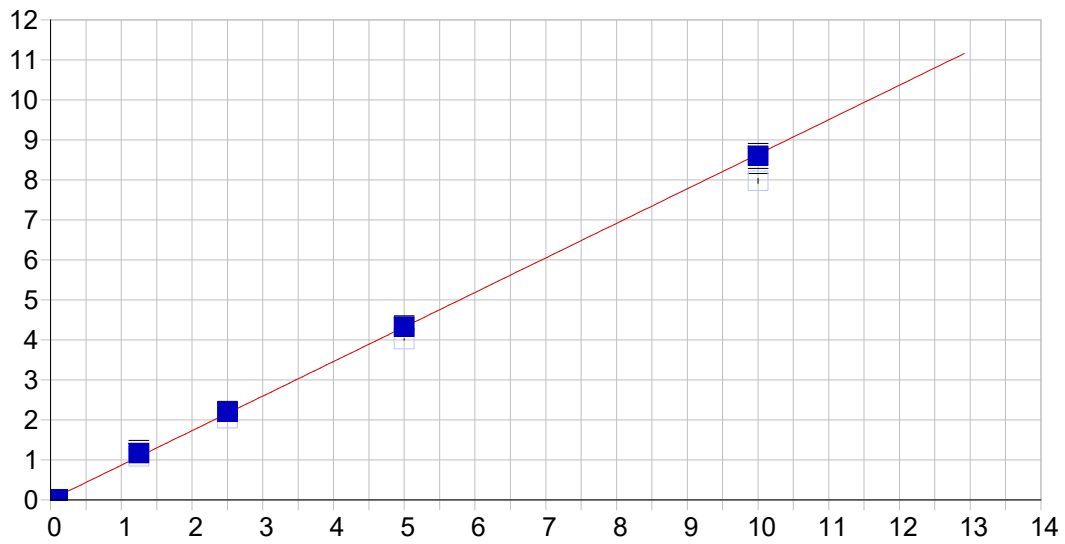


P 177.495 {490}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000967	Re-Slope:	1.000000
A1 (Gain):	0.042425	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.953615	Status:	OK.
Std Error of Est:	0.000222		
Predicted MDL:	0.002640		
Predicted MQL:	0.008801		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00097	.000	1
S1	.01000	.00892	-.001	-10.8	-.00059	.000	1
S2	1.2500	1.6810	.431	34.5	.06975	.001	1
S3	2.5000	4.3278	1.83	73.1	.18145	.000	1
S4	5.0000	4.1503	-.850	-17.0	.17273	.002	1
S5	10.000	8.5920	-1.41	-14.1	.35879	.004	1

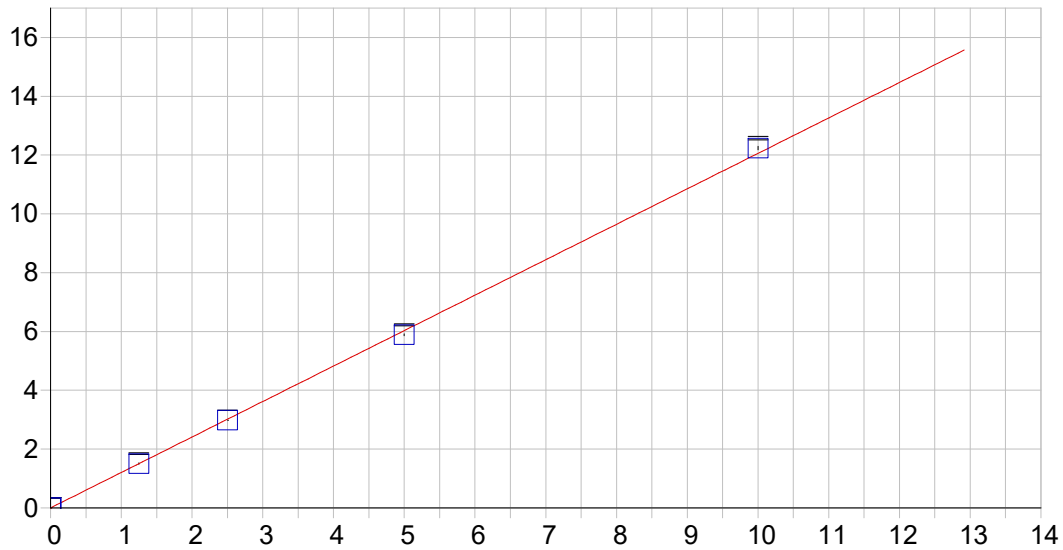


B 249.678 {135}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004375	Re-Slope:	1.000000
A1 (Gain):	0.863668	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997178	Status:	OK.
Std Error of Est:	0.003206		
Predicted MDL:	0.001107		
Predicted MQL:	0.003689		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00445	.000	1
S1	.10000	.00845	-.092	-91.6	.01149	.001	1
S2	1.2500	1.3446	.095	7.57	1.0873	.075	1
S3	2.5000	2.5417	.042	1.67	2.0429	.013	1
S4	5.0000	5.0065	.006	.130	4.0149	.020	1
S5	10.000	9.9557	-.044	-.443	7.9760	.062	1

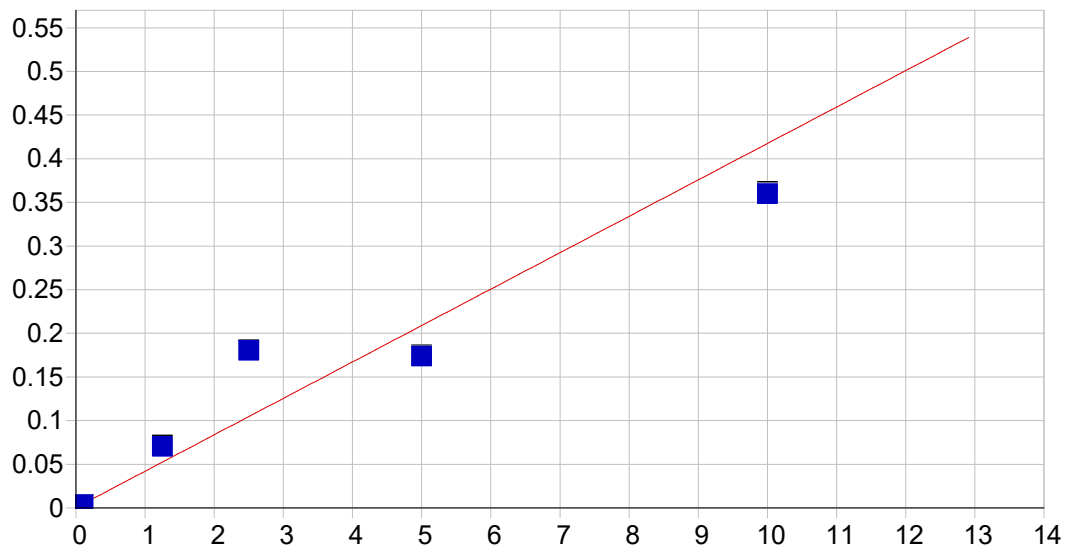


Mo 202.030 {467}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000767 Re-Slope: 1.000000
 A1 (Gain): 1.205701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000342
 Predicted MDL: 0.000267
 Predicted MQL: 0.000891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00077	.000	1
S1	.01000	.00997	-.000	-.338	.01278	.000	1
S2	1.2500	1.2485	-.001	-.120	1.5061	.027	1
S3	2.5000	2.4722	-.028	-1.11	2.9815	.004	1
S4	5.0000	4.8805	-.119	-2.39	5.8852	.031	1
S5	10.000	10.149	.149	1.49	12.237	.061	1

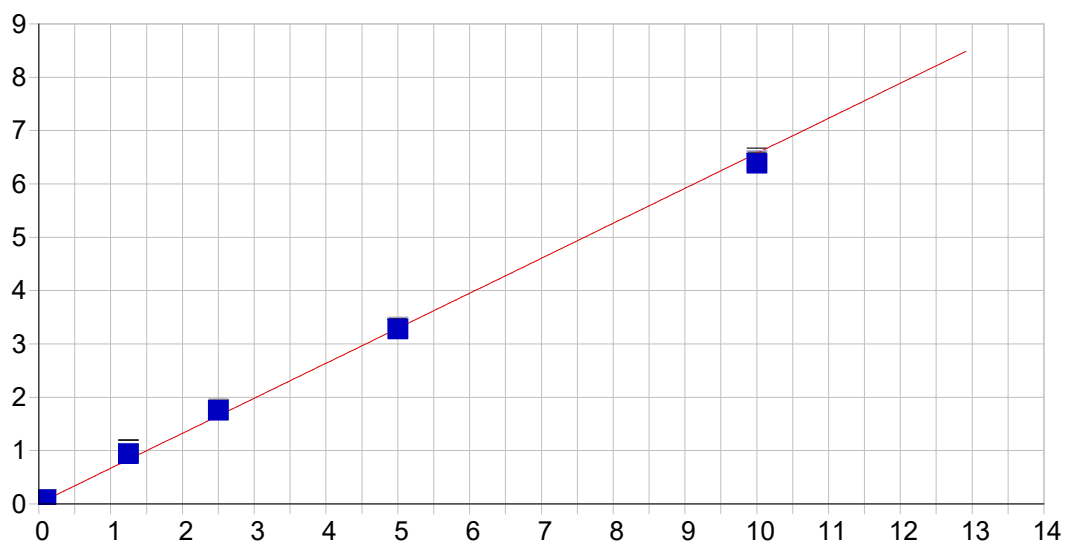


S 182.034 {485}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000357	Re-Slope:	1.000000
A1 (Gain):	0.041709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.955378	Status:	OK.
Std Error of Est:	0.000687		
Predicted MDL:	0.003480		
Predicted MQL:	0.011601		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00035	.000	1
S1	.10000	.07820	-.022	-21.8	.00362	.000	1
S2	1.2500	1.6777	.428	34.2	.07044	.001	1
S3	2.5000	4.3198	1.82	72.8	.18075	.000	1
S4	5.0000	4.1551	-.845	-16.9	.17410	.001	1
S5	10.000	8.6191	-1.38	-13.8	.36073	.002	1

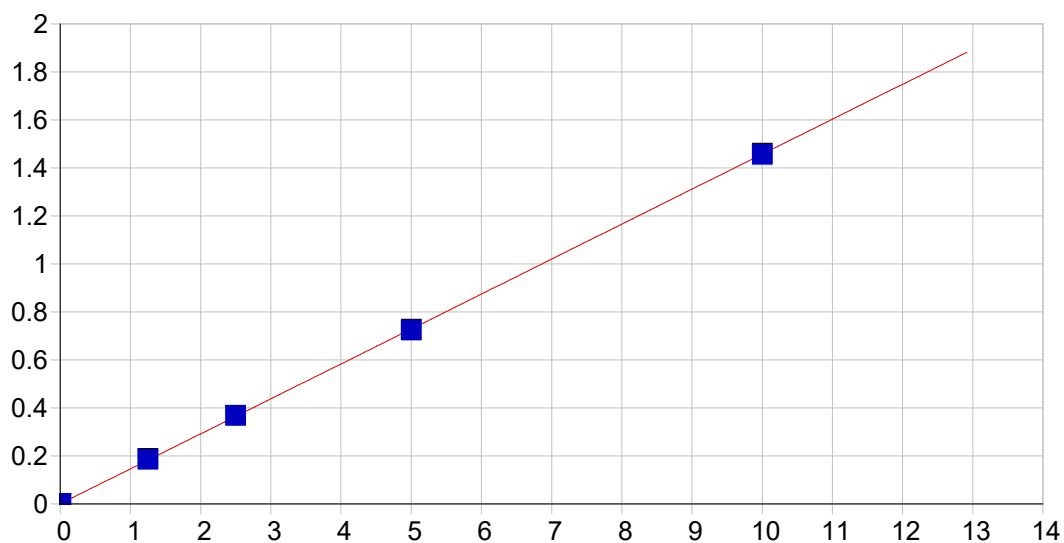


Si 251.611 {134}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011559 Re-Slope: 1.000000
 A1 (Gain): 0.656287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998944 Status: OK.
 Std Error of Est: 0.001618
 Predicted MDL: 0.001316
 Predicted MQL: 0.004388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01155	.001	1
S1	.10000	.10320	.003	3.20	.07952	.001	1
S2	1.2500	1.4191	.169	13.5	.95015	.063	1
S3	2.5000	2.6489	.149	5.95	1.7645	.012	1
S4	5.0000	4.9712	-.029	-.576	3.3031	.011	1
S5	10.000	9.7077	-.292	-2.92	6.4406	.046	1

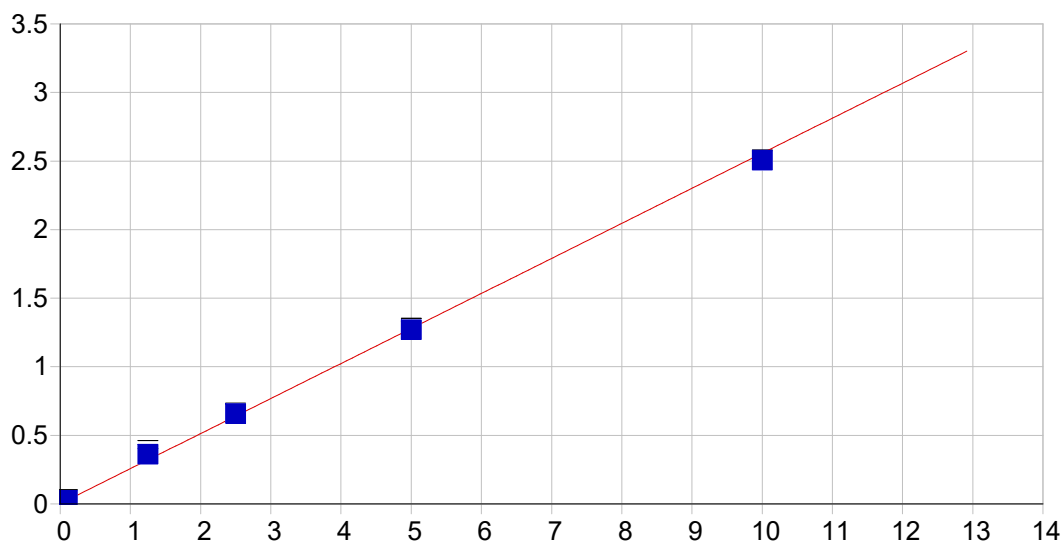


Sn 189.989 {478}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000295 Re-Slope: 1.000000
 A1 (Gain): 0.145684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001006
 Predicted MQL: 0.003353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00700	.00656	-.000	-6.25	.00122	.000	1
S2	1.2500	1.2709	.021	1.67	.18506	.004	1
S3	2.5000	2.5217	.022	.869	.36692	.002	1
S4	5.0000	4.9681	-.032	-.637	.72257	.003	1
S5	10.000	9.9897	-.010	-.103	1.4526	.006	1

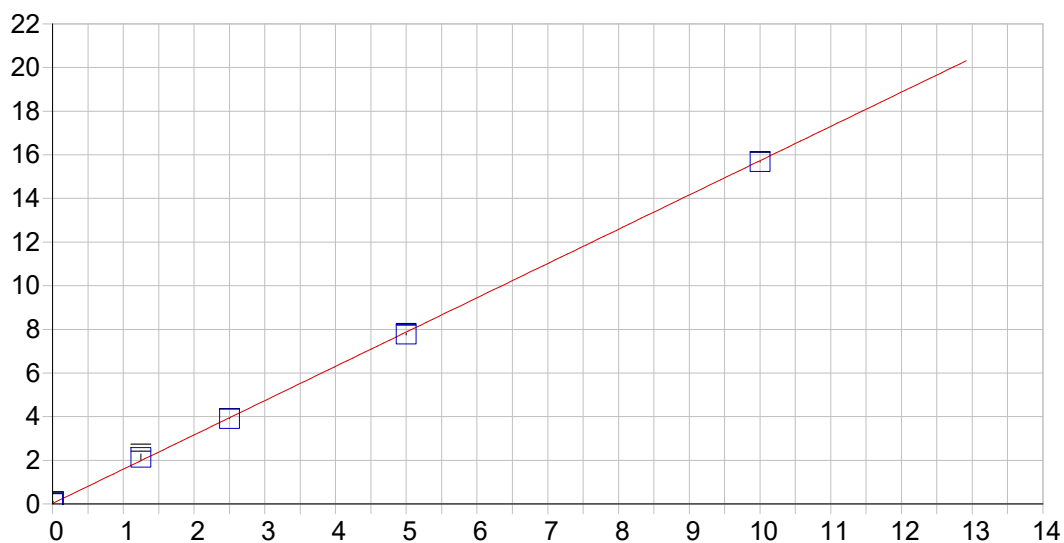


Ti 336.121 {100}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001568	Re-Slope:	1.000000
A1 (Gain):	0.255516	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999295	Status:	OK.
Std Error of Est:	0.000510		
Predicted MDL:	0.002891		
Predicted MQL:	0.009637		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00156	.000	1
S1	.10000	.10758	.008	7.58	.02905	.000	1
S2	1.2500	1.4065	.157	12.5	.36085	.029	1
S3	2.5000	2.5721	.072	2.88	.65856	.003	1
S4	5.0000	4.9662	-.034	-.677	1.2701	.011	1
S5	10.000	9.7977	-.202	-2.02	2.5041	.003	1



Li 670.784 { 50}

Date of Fit: 02/08/2019 11:45:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020375 Re-Slope: 1.000000
 A1 (Gain): 1.571051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997801 Status: OK.
 Std Error of Est: 0.002143
 Predicted MDL: 0.002121
 Predicted MQL: 0.007072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02032	.002	1
S5	10.000	9.9654	-.035	-.346	15.677	.012	1
S4	5.0000	4.9361	-.064	-1.28	7.7752	.037	1
S3	2.5000	2.4741	-.026	-1.04	3.9073	.004	1
S2	1.2500	1.3409	.091	7.28	2.1271	.167	1
S1	.01500	.04852	.034	223.	.09661	.002	1







Y 371.030 { 91}*

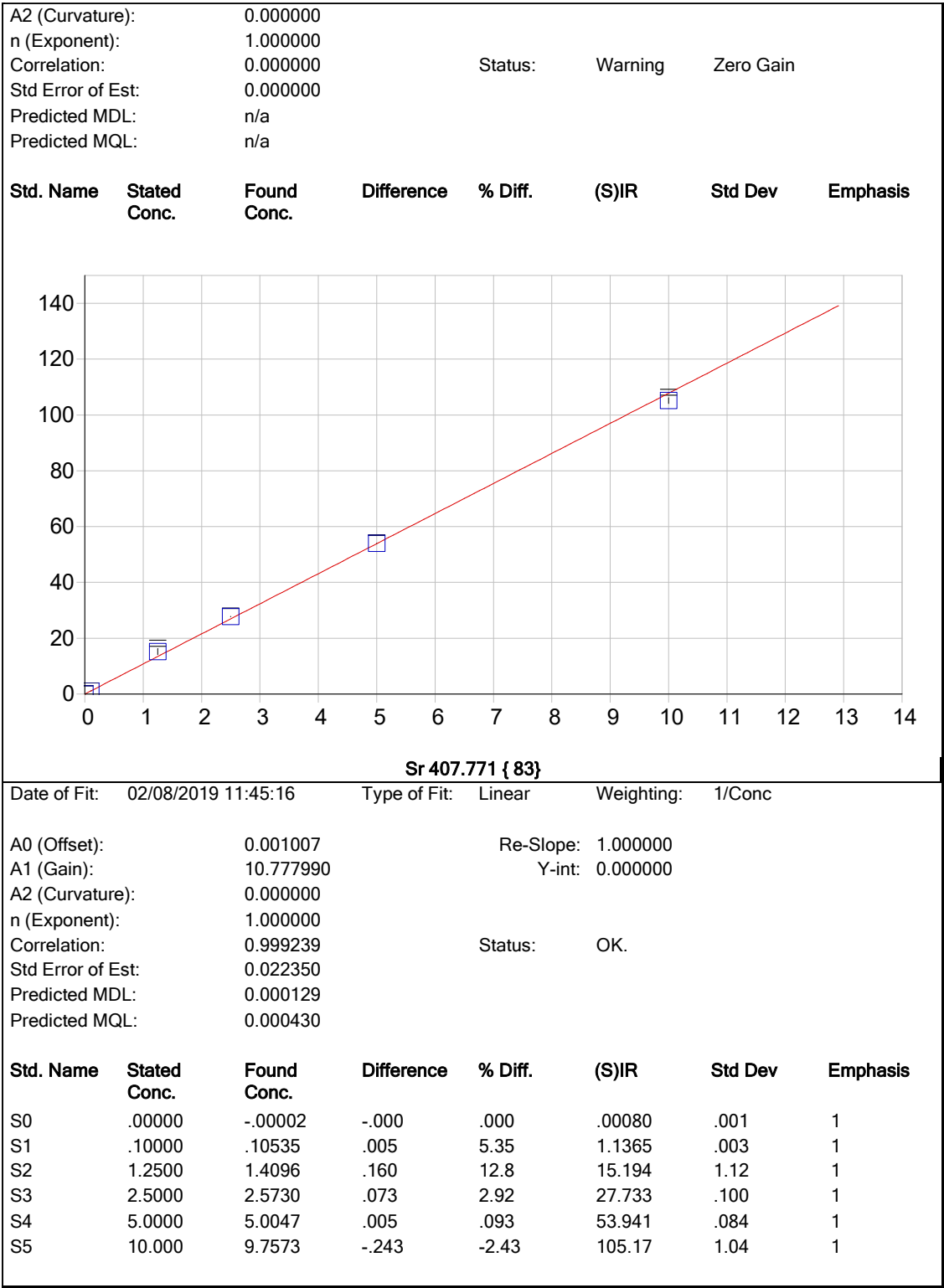
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	



Sample Name: S1 Acquired: 02/08/2019 11:25:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00007	.00106	.00144	.00466	.01502	.02423	.94755	.06520
Stddev	.00014	.00013	.00028	.00013	.00014	.00015	.00565	.00091
%RSD	210.65	12.655	19.241	2.8094	.91174	.61251	.59594	1.3950
#1	-.00004	.00091	.00146	.00453	.01502	.02425	.94543	.06415
#2	.00022	.00111	.00115	.00479	.01515	.02408	.94327	.06570
#3	.00002	.00116	.00171	.00465	.01488	.02437	.95395	.06575
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	.01793	.23021	.00222	.04760	.00521	.00195	.00231	.02751
Stddev	.00014	.00101	.00002	.00019	.00050	.00010	.00033	.00064
%RSD	.78594	.43674	.69800	.39030	9.5784	5.3708	14.205	2.3144
#1	.01779	.22913	.00221	.04755	.00579	.00198	.00212	.02745
#2	.01807	.23036	.00224	.04744	.00496	.00204	.00269	.02691
#3	.01793	.23113	.00223	.04780	.00488	.00184	.00212	.02818
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	.02881	.00155	.05190	.00323	.00201	.20571	-.00059	.01149
Stddev	.00002	.00015	.00143	.00017	.00029	.00552	.00003	.00054
%RSD	.08038	9.4529	2.7486	5.2117	14.544	2.6812	5.8085	4.6776
#1	.02879	.00142	.05349	.00305	.00207	.20836	-.00056	.01162
#2	.02882	.00171	.05149	.00326	.00169	.19937	-.00063	.01196
#3	.02883	.00152	.05073	.00339	.00227	.20939	-.00058	.01091
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	.01278	.00362	.07952	.00122	.02905	.09661	1.1365	
Stddev	.00025	.00011	.00098	.00006	.00033	.00200	.0030	
%RSD	1.9182	3.1172	1.2383	5.2473	1.1432	2.0677	.26763	
#1	.01273	.00370	.08031	.00129	.02896	.09774	1.1354	
#2	.01305	.00367	.07842	.00120	.02877	.09430	1.1399	
#3	.01257	.00349	.07984	.00117	.02942	.09778	1.1341	

Sample Name: S1 Acquired: 02/08/2019 11:25:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1740.6	1989.3	36506.	3362.5	3163.5
Stddev	14.7	3.2	216.	11.4	9.4
%RSD	.84634	.15950	.59216	.34014	.29739
#1	1752.7	1992.5	36429.	3374.9	3168.4
#2	1724.2	1989.1	36338.	3360.3	3169.5
#3	1745.0	1986.2	36750.	3352.3	3152.7

Sample Name: S2 Acquired: 02/08/2019 11:29:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.06264	.08485	1.2174	.13956	.29459	3.9195	12.056	1.8491
Stddev	.00107	.00163	.0233	.00295	.00633	.2914	.897	.1282
%RSD	1.7153	1.9168	1.9137	2.1140	2.1474	7.4358	7.4437	6.9327

#1	.06159	.08351	1.1961	.13661	.28906	3.7420	11.568	1.7688
#2	.06374	.08666	1.2422	.14251	.30149	3.7606	11.509	1.7817
#3	.06259	.08437	1.2138	.13956	.29323	4.2558	13.092	1.9970

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	2.1786	2.9283	.79392	.60145	.59280	.53203	.62062	.37071
Stddev	.0415	.2202	.00191	.01153	.04188	.03843	.04919	.02832
%RSD	1.9028	7.5194	.24014	1.9179	7.0643	7.2241	7.9267	7.6401

#1	2.1410	2.8057	.79589	.59103	.56734	.50942	.59235	.35316
#2	2.2231	2.7966	.79379	.61385	.56994	.51026	.59208	.35559
#3	2.1718	3.1825	.79209	.59946	.64114	.57641	.67742	.40338

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	.47244	.08149	.39013	.04490	.12757	1.4667	.06975	1.0873
Stddev	.00850	.00008	.03043	.00343	.00071	.1143	.00145	.0746
%RSD	1.7982	.09749	7.7996	7.6429	.55285	7.7914	2.0755	6.8648

#1	.46541	.08142	.37290	.04268	.12837	1.3908	.06838	1.0409
#2	.48188	.08157	.37223	.04317	.12705	1.4112	.07126	1.0476
#3	.47003	.08147	.42527	.04885	.12728	1.5981	.06962	1.1734

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	1.5061	.07044	.95015	.18506	.36085	2.1271	15.194
Stddev	.0266	.00135	.06327	.00357	.02851	.1669	1.116
%RSD	1.7685	1.9208	6.6591	1.9304	7.9014	7.8489	7.3458

#1	1.4827	.06914	.90994	.18222	.34365	2.0282	14.565
#2	1.5351	.07184	.91744	.18907	.34512	2.0331	14.534
#3	1.5005	.07034	1.0231	.18390	.39376	2.3198	16.483

Sample Name: S2 Acquired: 02/08/2019 11:29:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1687.9	1893.6	36283.	3165.3	2958.7
Stddev	12.8	30.6	62.	221.0	49.3
%RSD	.75981	1.6135	.16969	6.9829	1.6672
#1	1699.4	1919.6	36311.	3311.7	2999.0
#2	1690.3	1860.0	36212.	3273.2	2903.6
#3	1674.1	1901.4	36326.	2911.1	2973.4

Sample Name: K1328-19 Acquired: 02/08/2019 14:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630610	-.003140	2.531785	-.016830	-.001555	43.38760
Stddev	.0041728	.000331	.017948	.003041	.001310	.21713
%RSD	6.617039	10.55504	.7088930	18.07050	84.29439	.5004539

#1	.0585971	-.002758	2.525138	-.015362	-.003022	43.49527
#2	.0668637	-.003344	2.518110	-.014801	-.000500	43.52986
#3	.0637222	-.003319	2.552108	-.020327	-.001142	43.13767

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6001901	.0058466	.5347255	43.97507	.1945728	.0913964
Stddev	.0015307	.0000604	.0031598	.07922	.0010878	.0004588
%RSD	.2550414	1.033538	.5909178	.1801364	.5590666	.5019806

#1	.6018898	.0058574	.5336275	43.93334	.1936383	.0911901
#2	.5997600	.0059010	.5322611	44.06642	.1957669	.0910770
#3	.5989203	.0057815	.5382878	43.92544	.1943133	.0919221

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3236825	164.5627	3.629076	10.76518	.0688545	-.011726
Stddev	.0038971	1.8567	.045924	.13194	.0004400	.000311
%RSD	1.204002	1.128266	1.265456	1.225612	.6390516	2.656451

#1	.3193639	164.8925	3.631573	10.91357	.0683978	-.011990
#2	.3247460	166.2325	3.673701	10.72086	.0688903	-.011382
#3	.3269374	162.5633	3.581954	10.66111	.0692756	-.011805

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.174794	.3238347	F 55.01469	2.341623	2.062226	.1228087
Stddev	.275845	.0090862	.21992	.021203	.015349	.0029608
%RSD	157.8116	2.805810	.3997459	.9054763	.7442898	2.410932

#1	.115669	.3141373	54.76157	2.345387	2.061789	.1237834
#2	-.433224	.3321517	55.12367	2.318791	2.047100	.1251594
#3	-.206826	.3252151	55.15884	2.360692	2.077789	.1194834

Sample Name: K1328-19 Acquired: 02/08/2019 14:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051297	14.93702	2.674552	.0091380	.1620249	.0132332
Stddev	.0002986	.10106	.033193	.0009801	.0030661	.0022853
%RSD	5.821574	.6765919	1.241079	10.72533	1.892360	17.26947
#1	.0052054	14.90709	2.712817	.0084849	.1625737	.0158530
#2	.0048006	14.85431	2.657328	.0086641	.1647795	.0116495
#3	.0053833	15.04967	2.653512	.0102649	.1587214	.0121970

Elem	Sr4077
Units	ppm
Avg	.0473099
Stddev	.0000690
%RSD	.1458045
#1	.0472443
#2	.0473037
#3	.0473818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.506	2127.367	41040.38	3884.965	2907.026
Stddev	2.252	7.343	155.31	26.110	10.376
%RSD	.1173325	.3451520	.3784346	.6720749	.3569339
#1	1916.916	2133.343	41063.07	3871.128	2915.718
#2	1921.012	2129.588	40874.98	3868.685	2909.820
#3	1920.588	2119.170	41183.10	3915.081	2895.538

Sample Name: S3 Acquired: 02/08/2019 11:33:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.12570	.16563	2.3925	.27603	.58487	7.1786	22.206	3.3884
Stddev	.00043	.00077	.0046	.00054	.00126	.0066	.054	.0195
%RSD	.33936	.46439	.19401	.19684	.21518	.09222	.24207	.57417

#1	.12524	.16624	2.3958	.27554	.58341	7.1860	22.167	3.3934
#2	.12608	.16588	2.3946	.27661	.58561	7.1731	22.185	3.4048
#3	.12578	.16477	2.3872	.27592	.58557	7.1767	22.268	3.3669

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2468	5.2877	1.5421	1.1819	1.0795	.96200	1.1187	.68053
Stddev	.0211	.0250	.0021	.0031	.0028	.00162	.0050	.00273
%RSD	.49709	.47284	.13445	.26441	.25930	.16881	.45084	.40077

#1	4.2585	5.2732	1.5439	1.1837	1.0826	.96369	1.1243	.67873
#2	4.2594	5.2735	1.5427	1.1837	1.0788	.96045	1.1171	.68367
#3	4.2224	5.3166	1.5398	1.1783	1.0772	.96185	1.1146	.67919

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	.92250	.16358	.70725	.08226	.25399	2.6904	.18145	2.0429
Stddev	.00178	.00128	.00341	.00065	.00186	.0052	.00018	.0135
%RSD	.19342	.78175	.48258	.78935	.73331	.19339	.09807	.66058

#1	.92272	.16243	.70917	.08259	.25387	2.6900	.18163	2.0414
#2	.92416	.16336	.70331	.08268	.25219	2.6958	.18145	2.0571
#3	.92061	.16496	.70926	.08151	.25591	2.6854	.18127	2.0302

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9815	.18075	1.7645	.36692	.65856	3.9073	27.733	
Stddev	.0045	.00036	.0124	.00156	.00282	.0035	.100	
%RSD	.15085	.19692	.70173	.42563	.42844	.09064	.36051	

#1	2.9766	.18043	1.7656	.36750	.66127	3.9032	27.722	
#2	2.9855	.18069	1.7763	.36810	.65563	3.9088	27.639	
#3	2.9823	.18113	1.7516	.36515	.65877	3.9098	27.838	

Sample Name: S3 Acquired: 02/08/2019 11:33:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1653.6	1829.5	36087.	3379.0	2846.9
Stddev	7.4	18.1	83.	12.9	23.7
%RSD	.44600	.99037	.22906	.38260	.83347
#1	1661.8	1838.4	36007.	3383.3	2856.2
#2	1647.4	1841.5	36081.	3364.4	2864.5
#3	1651.7	1808.7	36172.	3389.2	2819.9

Sample Name: S4 Acquired: 02/08/2019 11:37:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.25294	.32065	4.7919	.53650	1.1593	14.229	43.716	6.6151
Stddev	.00078	.00186	.0247	.00209	.0046	.091	.111	.0458
%RSD	.30960	.58117	.51534	.38884	.39461	.63680	.25450	.69219

#1	.25305	.31923	4.7749	.53506	1.1582	14.307	43.791	6.6434
#2	.25210	.31995	4.7806	.53554	1.1554	14.130	43.588	6.5623
#3	.25366	.32276	4.8203	.53889	1.1643	14.252	43.769	6.6397

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.3244	10.379	2.9575	2.3381	2.0905	1.8612	2.1821	1.3304
Stddev	.0410	.025	.0050	.0146	.0066	.0143	.0239	.0126
%RSD	.49188	.23627	.17015	.62323	.31596	.76903	1.0962	.94943

#1	8.3031	10.361	2.9519	2.3296	2.0906	1.8747	2.2062	1.3434
#2	8.2985	10.370	2.9587	2.3298	2.0838	1.8461	2.1584	1.3182
#3	8.3716	10.407	2.9618	2.3549	2.0970	1.8627	2.1815	1.3296

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	1.8167	.32408	1.4080	.16008	.50524	5.2924	.17273	4.0149
Stddev	.0099	.00114	.0117	.00160	.00428	.0199	.00187	.0200
%RSD	.54692	.35145	.83004	.99999	.84741	.37664	1.0828	.49777

#1	1.8083	.32368	1.4206	.16191	.50584	5.3051	.17210	4.0357
#2	1.8140	.32537	1.3975	.15896	.50920	5.2694	.17126	3.9959
#3	1.8277	.32320	1.4059	.15936	.50069	5.3027	.17484	4.0131

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	5.8852	.17410	3.3031	.72257	1.2701	7.7752	53.941
Stddev	.0309	.00104	.0107	.00334	.0111	.0374	.084
%RSD	.52523	.59708	.32271	.46251	.87173	.48162	.15512

#1	5.8722	.17341	3.3081	.72066	1.2811	7.8109	53.913
#2	5.8630	.17360	3.2909	.72061	1.2590	7.7362	53.876
#3	5.9205	.17530	3.3104	.72642	1.2701	7.7784	54.036

Sample Name: S4 Acquired: 02/08/2019 11:37:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1535.8	1681.2	34376.	3223.7	2612.0
Stddev	3.5	6.3	49.	20.3	10.4
%RSD	.22608	.37747	.14277	.62970	.39654
#1	1532.1	1679.9	34379.	3209.6	2613.9
#2	1536.4	1688.1	34326.	3246.9	2621.2
#3	1539.0	1675.6	34424.	3214.4	2600.8

Sample Name: S6 Acquired: 02/08/2019 11:45:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	79.195	33.364	9.9702	4.5919	7.9703
Stddev	.463	.066	.0411	.0115	.0545
%RSD	.58414	.19710	.41245	.25024	.68389

#1	79.663	33.354	10.014	4.6045	8.0327
#2	79.185	33.304	9.9631	4.5821	7.9465
#3	78.738	33.434	9.9331	4.5891	7.9318

Int. Std.	Y_3710
Units	Cts/S
Avg	3150.1
Stddev	15.6
%RSD	.49541

#1	3137.1
#2	3167.4
#3	3145.9

Sample Name: S5 Acquired: 02/08/2019 11:41:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.53399	.62480	9.6315	1.0816	2.4478	28.792	86.501	12.934
Stddev	.00222	.00365	.0582	.0053	.0114	.076	.172	.110
%RSD	.41614	.58384	.60418	.48862	.46629	.26522	.19858	.85300

#1	.53353	.62334	9.6074	1.0779	2.4402	28.879	86.660	13.016
#2	.53203	.62210	9.5892	1.0791	2.4423	28.759	86.319	12.809
#3	.53641	.62895	9.6978	1.0876	2.4609	28.737	86.524	12.978

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	16.449	20.285	5.7253	4.6606	4.1423	3.6274	4.2744	2.6785
Stddev	.091	.055	.0157	.0309	.0148	.0183	.0275	.0153
%RSD	.55319	.26950	.27429	.66384	.35636	.50396	.64273	.57132

#1	16.423	20.284	5.7433	4.6599	4.1543	3.6464	4.3014	2.6934
#2	16.375	20.231	5.7186	4.6300	4.1258	3.6259	4.2752	2.6794
#3	16.551	20.340	5.7141	4.6919	4.1467	3.6099	4.2465	2.6628

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	3.6032	.65650	2.8094	.31487	1.0402	10.701	.35879	7.9760
Stddev	.0155	.00259	.0084	.00201	.0092	.014	.00363	.0619
%RSD	.43077	.39378	.29862	.63789	.88437	.12867	1.0111	.77637

#1	3.5963	.65499	2.8190	.31711	1.0308	10.711	.35665	7.9958
#2	3.5924	.65948	2.8036	.31322	1.0492	10.685	.35675	7.9066
#3	3.6210	.65502	2.8056	.31429	1.0406	10.706	.36298	8.0256

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	12.237	.36073	6.4406	1.4526	2.5041	15.677	105.17
Stddev	.061	.00186	.0465	.0059	.0030	.013	1.04
%RSD	.49768	.51553	.72136	.40319	.11824	.07973	.98750

#1	12.199	.36025	6.4688	1.4509	2.5071	15.691	104.28
#2	12.205	.35916	6.3870	1.4479	2.5041	15.667	106.31
#3	12.307	.36278	6.4661	1.4592	2.5012	15.672	104.90

Sample Name: S5 Acquired: 02/08/2019 11:41:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1433.1	1518.7	33974.	3197.1	2422.0
Stddev	12.8	6.2	176.	2.4	10.9
%RSD	.89235	.40997	.51804	.07540	.44904
#1	1447.6	1522.6	34091.	3196.4	2424.2
#2	1423.4	1522.1	33772.	3199.8	2431.7
#3	1428.3	1511.6	34059.	3195.2	2410.2

Sample Name: ICV Acquired: 02/08/2019 11:49:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9564133	1.089228	.9671817	1.028600	.9998511	2.364860
Stddev	.0045525	.003750	.0023542	.002187	.0001426	.023685
%RSD	.4760008	.3442409	.2434096	.2125866	.0142572	1.001533

#1	.9549794	1.084932	.9672198	1.027558	.9998265	2.340413
#2	.9527503	1.090910	.9648088	1.027130	1.000004	2.387701
#3	.9615101	1.091842	.9695167	1.031113	.999722	2.366466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5159632	.4990577	.5181998	10.41348	F .5435608	.5046707
Stddev	.0008607	.0030340	.0013696	.01104	.0017160	.0021555
%RSD	.1668049	.6079397	.2643038	.1060414	.3156946	.4271080

#1	.5155043	.4958075	.5173328	10.41143	.5448185	.5027208
#2	.5169560	.5018151	.5174879	10.42540	.5442580	.5043060
#3	.5154293	.4995505	.5197788	10.40360	.5416059	.5069853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5344669	5.458506	.5293179	5.930729	.5222697	.4833885
Stddev	.0058226	.035771	.0030619	.057154	.0029430	.0011809
%RSD	1.089426	.6553306	.5784630	.9636956	.5634956	.2442938

#1	.5329316	5.457536	.5288205	5.996393	.5202286	.4832278
#2	.5409034	5.423230	.5325981	5.903614	.5209371	.4822963
#3	.5295658	5.494753	.5265352	5.892178	.5256432	.4846416

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10118	.5213943	.9625027	10.02859	F .1051925	F .3451806
Stddev	.15636	.0044369	.0235473	.09982	.0026931	.0036946
%RSD	1.547955	.8509591	2.446462	.9953768	2.560185	1.070336

#1	9.95155	.5259014	.9894638	10.01675	.1029811	.3410575
#2	10.26350	.5212503	.9520710	10.13381	.1081917	.3481908
#3	10.08849	.5170312	.9459732	9.93523	.1044047	.3462935

Sample Name: ICV Acquired: 02/08/2019 11:49:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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 .3249458	F .1134360	F .3400882	F .3375351	F .3575952	F .1320063
Stddev	.0009794	.0026728	.0009573	.0013335	.0045161	.0010902
%RSD	.3014178	2.356194	.2814738	.3950715	1.262896	.8258301
#1	.3246826	.1164300	.3391751	.3374930	.3627597	.1308091
#2	.3241249	.1125874	.3410842	.3362231	.3556382	.1322678
#3	.3260300	.1112906	.3400053	.3388891	.3543878	.1329419

Elem	Sr4077
Units	ppm
Avg	F .1374387
Stddev	.0001751
%RSD	.1274092
#1	.1376382
#2	.1373673
#3	.1373106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.913	1963.989	36634.47	3377.767	3087.355
Stddev	10.679	1.611	141.77	19.414	4.102
%RSD	.6144817	.0820496	.3869912	.5747589	.1328738
#1	1748.230	1965.732	36561.24	3400.075	3091.840
#2	1738.602	1962.553	36544.29	3364.700	3086.433
#3	1726.905	1963.682	36797.89	3368.525	3083.793

Sample Name: ICB Acquired: 02/08/2019 11:53:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H 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	.0004597	.0014830	.0009773	-.001210	.0008597	.0032890	-.001489
Stddev	.0026593	.0011004	.0009349	.002104	.0006039	.0067431	.001037
%RSD	578.4634	74.20274	95.66134	173.9451	70.24763	205.0178	69.63405

#1	-.000757	.0018684	-.000101	-.001201	.0001889	-.002657	-.001649
#2	.003510	.0002417	.001481	-.003318	.0013602	.010616	-.000382
#3	-.001374	.0023389	.001553	.000890	.0010298	.001908	-.002437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000064	-.032154	-.000193	-.000020	-.000189	.0188104
Stddev	.000049	.000103	.021268	.000773	.000095	.007071	.0184882
%RSD	248.0154	162.6502	66.14562	399.3622	474.7084	3737.164	98.28725

#1	-.000056	.000047	-.016480	.000447	.000036	-.002722	-.001488
#2	-.000040	-.000158	-.023618	-.001052	.000034	-.005645	.034686
#3	.000036	-.000080	-.056364	.000024	-.000129	.007799	.023234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015035	.1100408	.0000654	.0004246	-.181859	-.006391	-.013577
Stddev	.0019246	.0764538	.0001948	.0006174	.263240	.003407	.003636
%RSD	128.0071	69.47771	297.9663	145.3813	144.7494	53.30724	26.78266

#1	.0036972	.1659388	-.000159	.0007159	-.458128	-.005538	-.014662
#2	.0007150	.1412672	.000162	.0008425	.066056	-.010143	-.016547
#3	.0000984	.0229162	.000193	-.000284	-.153505	-.003491	-.009522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008070	-.001368	.0068997	.0000833	.0000505	-.000356	.0004068
Stddev	.030421	.000470	.0005058	.0001453	.0020220	.001449	.0007542
%RSD	376.9589	34.32786	7.330587	174.4768	4005.150	406.7943	185.4001

#1	-.027369	-.001707	.0074350	.0002294	.0023822	.000211	.0002975
#2	.026998	-.000832	.0068342	-.000061	-.001012	.000724	.0012098
#3	-.023840	-.001566	.0064298	.000081	-.001219	-.002004	-.000287

Sample Name: ICB Acquired: 02/08/2019 11:53:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021368	.0040346	-.000023
Stddev	.0022203	.0012729	.000049
%RSD	103.9053	31.54916	213.3942

#1	.0020908	.0053198	-.000004
#2	.0043797	.0040096	-.000079
#3	-.000060	.0027744	.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.322	1982.187	36694.07	3414.317	3095.267
Stddev	2.567	2.441	98.25	15.610	8.069
%RSD	.1461783	.1231334	.2677417	.4571989	.2606885

#1	1758.490	1982.689	36581.48	3431.925	3094.832
#2	1753.487	1984.337	36762.35	3408.850	3103.545
#3	1756.989	1979.534	36738.39	3402.175	3087.425

Sample Name: ICSA Acquired: 02/08/2019 11:57:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015212	.0026175	-.000189	-.022637	.0018437	240.3729
Stddev	.0032027	.0036342	.001927	.002601	.0020722	1.3093
%RSD	210.5376	138.8420	1018.608	11.48942	112.3966	.5446889

#1	.0034347	.0002851	-.002408	-.023163	.0001675	241.8838
#2	-.002176	.0068049	.001071	-.019813	.0041606	239.5726
#3	.003305	.0007626	.000769	-.024934	.0012029	239.6623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047753	.0008326	.0002633	251.6988	.0596400	.0017044
Stddev	.0006299	.0000732	.0002177	1.7360	.0014616	.0002808
%RSD	13.19120	8.790126	82.67042	.6896985	2.450667	16.47189

#1	.0050086	.0007496	.0001066	253.4701	.0610745	.0018087
#2	.0052553	.0008879	.0001715	250.0004	.0581528	.0013865
#3	.0040620	.0008601	.0005119	251.6258	.0596926	.0019181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005274	105.0750	.0138807	259.9316	.0048912	F -.010346
Stddev	.004301	.1207	.0031394	1.0139	.0004685	.000266
%RSD	81.54237	.1148366	22.61666	.3900513	9.577927	2.566822

#1	-.004171	105.1998	.0165343	260.8756	.0044878	-.010053
#2	-.001633	105.0664	.0146927	260.0593	.0047808	-.010570
#3	-.010019	104.9589	.0104151	258.8599	.0054050	-.010416

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.129896	-.007885	-.003820	-.021099	.0094352	F .0972884
Stddev	.085432	.010639	.010668	.054209	.0021851	.0035745
%RSD	65.76951	134.9265	279.2312	256.9245	23.15905	3.674109

#1	-.200200	-.018054	-.015654	-.061876	.0093311	.0942081
#2	-.034814	.003169	.005059	.040418	.0073040	.1012078
#3	-.154675	-.008770	-.000866	-.041839	.0116704	.0964492

Sample Name: ICSA Acquired: 02/08/2019 11:57:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025163	.0085208	.0010017	-.004149	-.001430	.0101009
Stddev	.0003718	.0031841	.0003884	.000921	.002156	.0007157
%RSD	14.77446	37.36868	38.77116	22.19048	150.7401	7.085346

#1	.0028299	.0079680	.0012779	-.004816	.000723	.0092947
#2	.0026134	.0119451	.0011696	-.004531	-.001424	.0103465
#3	.0021056	.0056493	.0005577	-.003098	-.003589	.0106614

Elem	Sr4077
Units	ppm
Avg	.1031430
Stddev	.0006685
%RSD	.6481423

#1	.1036821
#2	.1023950
#3	.1033518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.129	1822.680	35015.82	3311.068	2695.923
Stddev	18.507	2.631	256.51	32.692	4.765
%RSD	1.123619	.1443367	.7325426	.9873623	.1767409

#1	1626.695	1823.843	34772.05	3278.733	2698.278
#2	1662.764	1824.530	35283.40	3344.106	2699.052
#3	1651.928	1819.669	34992.00	3310.365	2690.439

Sample Name: ICSAB Acquired: 02/08/2019 12:01:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986476	.1148939	.0480291	.0347845	.5811816	233.3780
Stddev	.0037329	.0026256	.0028443	.0038099	.0072499	.5987
%RSD	3.784053	2.285226	5.922044	10.95277	1.247450	.2565479

#1	.1029455	.1179119	.0497554	.0373825	.5886754	233.7670
#2	.0962150	.1136347	.0447463	.0365599	.5742030	233.6785
#3	.0967822	.1131350	.0495857	.0304109	.5806663	232.6886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5106158	.4901126	1.017843	244.1778	.5792005	.5032391
Stddev	.0011502	.0036024	.009675	.2078	.0128744	.0053418
%RSD	.2252497	.7350126	.9505647	.0850832	2.222779	1.061482

#1	.5111239	.4892487	1.028726	244.2012	.5862610	.5092487
#2	.5114244	.4940684	1.010216	244.3728	.5869999	.4990307
#3	.5092991	.4870207	1.014588	243.9593	.5643406	.5014379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5141401	101.9441	.5187390	252.9824	1.026881	.1800741
Stddev	.0117982	.1060	.0017347	.3759	.010202	.0022429
%RSD	2.294735	.1039508	.3344154	.1485825	.9934793	1.245566

#1	.5274322	101.9933	.5169262	253.0340	1.038269	.1816944
#2	.5049085	102.0165	.5189073	253.3298	1.018578	.1810138
#3	.5100795	101.8225	.5203834	252.5834	1.023796	.1775142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4023535	.5021988	.9705452	.1423357	.8857935	F .9899296
Stddev	.1103092	.0101239	.0151350	.0891154	.0054036	.0029194
%RSD	27.41600	2.015907	1.559434	62.60933	.6100337	.2949142

#1	.2770952	.5052448	.9867894	.1677907	.8905983	.9866063
#2	.4850047	.4909016	.9568407	.2159539	.8799437	.9911014
#3	.4449607	.5104499	.9680054	.0432624	.8868386	.9920810

Sample Name: ICSAB Acquired: 02/08/2019 12:01:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8783960	.8792068	.8947015	F .9777414	.9482995	.9936287
Stddev	.0055855	.0061158	.0060578	.0057544	.0072094	.0014116
%RSD	.6358775	.6956014	.6770795	.5885380	.7602437	.1420612
#1	.8792298	.8831523	.8907945	.9818908	.9450859	.9920219
#2	.8724405	.8721618	.9016798	.9711723	.9565569	.9946690
#3	.8835178	.8823063	.8916302	.9801610	.9432558	.9941952

Elem	Sr4077
Units	ppm
Avg	1.044261
Stddev	.002168
%RSD	.2076022
#1	1.042460
#2	1.046667
#3	1.043655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.779	1854.610	35823.06	3360.240	2731.496
Stddev	25.519	15.051	504.72	7.694	26.446
%RSD	1.523694	.8115611	1.408929	.2289773	.9682004
#1	1655.086	1837.438	35402.17	3367.253	2701.230
#2	1665.643	1865.517	35684.39	3352.010	2750.145
#3	1703.608	1860.875	36382.62	3361.458	2743.114

Sample Name: CCB089 Acquired: 02/08/2019 12:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	.0000064	.0003733	.0019797	.0006649	.0013587
Stddev	.000921	.0014516	.0010177	.0018650	.0007860	.0043181
%RSD	1070.642	22652.45	272.5927	94.20952	118.2133	317.8198

#1	.000240	-.001602	.0009071	.0036581	.0013812	-.000894
#2	-.001125	.001220	.0010131	.0023090	-.000176	-.001368
#3	.000627	.000401	-.000800	-.000028	.000790	.006337

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001277	-.000037	-.000060	-.012670	.0001494	-.000007
Stddev	.000875	.000056	.000069	.009764	.0001599	.000343
%RSD	68.48346	149.9476	115.8187	77.06236	107.0237	5145.708

#1	-.001725	-.000066	-.000029	-.017214	.0002317	-.000403
#2	-.001838	-.000073	-.000139	-.001462	.0002514	.000186
#3	-.000269	.000027	-.000011	-.019334	-.000035	.000196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016571	-.003579	.0015576	.0219907	-.000114	.0006674
Stddev	.0058205	.013981	.0005137	.0717918	.000244	.0005042
%RSD	351.2383	390.5923	32.97933	326.4638	214.8119	75.54681

#1	.0045953	.006430	.0018340	.0489945	-.000261	.0012347
#2	-.005047	-.019554	.0018740	-.059387	-.000249	.0002701
#3	.005423	.002385	.0009649	.076365	.000168	.0004975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2521143	-.004219	.0005068	.0404504	-.002672	F .0137144
Stddev	.2043593	.001897	.0031614	.0380756	.000748	.0017035
%RSD	81.05821	44.97351	623.8163	94.12919	28.00972	12.42123

#1	.1635913	-.002049	-.003096	.0839140	-.002446	.0155573
#2	.1069411	-.005039	.002819	.0244576	-.002063	.0133886
#3	.4858105	-.005567	.001797	.0129795	-.003508	.0121973

Sample Name: CCB089 Acquired: 02/08/2019 12:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002779	.0002254	-.000341	-.000200	.0009828	.0024051
Stddev	.0002543	.0016796	.000795	.000352	.0018031	.0011106
%RSD	91.50922	745.2663	233.1107	175.9285	183.4677	46.17593
#1	.0000090	-.001500	-.001149	.000177	.0027222	.0026971
#2	.0005144	.000320	-.000314	-.000257	-.000878	.0011776
#3	.0003102	.001856	.000440	-.000519	.001104	.0033404

Elem	Sr4077
Units	ppm
Avg	-.000077
Stddev	.000026
%RSD	33.40048
#1	-.000064
#2	-.000107
#3	-.000061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.779	1949.050	36475.18	3359.217	2994.099
Stddev	5.916	1.351	48.70	32.836	1.873
%RSD	.3417906	.0693349	.1335258	.9774957	.0625700
#1	1732.246	1948.940	36502.20	3331.200	2995.809
#2	1724.268	1950.453	36504.38	3351.100	2994.391
#3	1735.823	1947.756	36418.95	3395.350	2992.097

Sample Name: PB116912BL Acquired: 02/08/2019 12:13:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS912 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001201	-.003937	-.000221	.0035444	-.001173	.0004934	-.000880
Stddev	.000161	.001592	.000576	.0014369	.001476	.0007024	.000460
%RSD	13.36849	40.43097	260.6125	40.53953	125.8960	142.3434	52.30324

#1	-.001141	-.005064	-.000869	.0039104	-.001679	-.000201	-.001009
#2	-.001079	-.002116	.000234	.0047628	-.002329	.000479	-.000369
#3	-.001383	-.004630	-.000028	.0019599	.000490	.001203	-.001262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	.0000380	-.019800	.0016440	-.000687	.0009628	.0177882
Stddev	.000057	.0000293	.017229	.0015345	.000239	.0061275	.0216547
%RSD	25.13941	77.02242	87.01318	93.34063	34.74607	636.4276	121.7366

#1	-.000247	.0000654	-.020609	.0013257	-.000535	-.002477	.0360544
#2	-.000161	.0000416	-.002181	.0002936	-.000564	.008037	-.006133
#3	-.000268	.0000071	-.036610	.0033127	-.000962	-.002671	.023443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002209	.0492611	-.000378	.0003632	-.133677	-.002982	.0027228
Stddev	.0015461	.0658729	.000640	.0003949	.331687	.000856	.0096946
%RSD	700.0427	133.7220	169.4955	108.7474	248.1265	28.69103	356.0498

#1	.0015619	-.016174	.000217	.0003073	.243020	-.003056	.0021124
#2	-.001470	.048394	-.001055	-.000001	-.262100	-.003798	-.006652
#3	.000571	.115563	-.000295	.000783	-.381950	-.002092	.012708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.326970	.0020879	.0046567	.0000837	-.004146	-.002514	-.000831
Stddev	.050641	.0004547	.0009999	.0001374	.003659	.001068	.001244
%RSD	15.48806	21.77982	21.47188	164.2303	88.23196	42.46605	149.7489

#1	-.274776	.0024272	.0057276	-.000075	-.000455	-.002297	-.001926
#2	-.330233	.0022652	.0037476	.000170	-.004214	-.001572	.000522
#3	-.375900	.0015712	.0044950	.000155	-.007771	-.003674	-.001090

Sample Name: PB116912BL Acquired: 02/08/2019 12:13:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS912 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002826	-.004749	-.000086
Stddev	.0027544	.000938	.000084
%RSD	974.6121	19.74763	97.76811

#1	.0026971	-.004904	-.000055
#2	.0008684	-.005599	-.000022
#3	-.002718	-.003743	-.000181

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.714	2019.177	37837.44	3512.158	3074.462
Stddev	3.045	1.944	191.37	3.866	4.355
%RSD	.1693616	.0962663	.5057638	.1100812	.1416360

#1	1799.641	2018.009	38015.28	3512.900	3074.964
#2	1799.297	2018.102	37862.12	3515.600	3069.878
#3	1794.204	2021.421	37634.93	3507.975	3078.543

Sample Name: PB116932BL Acquired: 02/08/2019 12:21:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS932 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005194	-.000804	.0005166	.0017721	-.002069	-.002291	-.000386
Stddev	.0046804	.001714	.0023235	.0018354	.000220	.004620	.001001
%RSD	901.1160	213.2270	449.7959	103.5697	10.61730	201.6101	259.5488

#1	.0038145	-.000725	.0030566	.0008134	-.002000	.002335	.000612
#2	.0025817	-.002555	-.001502	.0006147	-.001892	-.006904	-.001390
#3	-.004838	.000869	-.000005	.0038883	-.002315	-.002305	-.000379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000143	.0000034	-.013524	.0004296	-.000320	-.000007	-.006907
Stddev	.000033	.0000290	.007733	.0002659	.000123	.002583	.036781
%RSD	22.85507	856.2312	57.18266	61.89155	38.44920	38148.52	532.5303

#1	-.000174	.0000197	-.006195	.0007308	-.000326	.000108	-.034725
#2	-.000109	.0000206	-.012771	.0002272	-.000194	-.002646	.034795
#3	-.000145	-.000030	-.021607	.0003309	-.000440	.002517	-.020790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002138	.0290608	-.000190	.0004631	-.143823	-.005394	-.013879
Stddev	.0014634	.0544809	.000276	.0002703	.312487	.008207	.009248
%RSD	684.4198	187.4722	145.1454	58.36739	217.2710	152.1640	66.63366

#1	.0003371	-.028397	.000116	.0007644	-.415731	-.003057	-.024107
#2	.0016116	.079973	-.000265	.0003827	.197551	.001392	-.011420
#3	-.001307	.035606	-.000421	.0002421	-.213290	-.014516	-.006109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.443663	-.001892	.0008465	.0000889	-.000476	-.001680	-.002042
Stddev	.023825	.000623	.0008479	.0001941	.001091	.001992	.000657
%RSD	5.370101	32.93082	100.1724	218.4540	229.0250	118.5251	32.18606

#1	-.417748	-.001261	.0004862	.0000232	-.000294	-.003893	-.002658
#2	-.464617	-.001907	.0018151	-.000064	.000512	-.001117	-.001350
#3	-.448623	-.002507	.0002382	.000307	-.001647	-.000031	-.002120

Sample Name: PB116932BL Acquired: 02/08/2019 12:21:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS932 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036029	-.003546	-.000040
Stddev	.0029207	.000626	.000084
%RSD	81.06562	17.65880	210.8846

#1	.0059264	-.002850	-.000100
#2	.0045581	-.003728	.000057
#3	.0003242	-.004062	-.000077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.697	1963.936	36967.82	3408.475	2978.354
Stddev	13.711	6.562	203.67	11.479	13.844
%RSD	.7769413	.3341276	.5509449	.3367910	.4648073

#1	1749.103	1969.750	36759.87	3402.175	2993.111
#2	1770.128	1965.238	36976.68	3421.725	2976.298
#3	1774.861	1956.821	37166.92	3401.525	2965.653

Sample Name: PB116912BS Acquired: 02/08/2019 12:17:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS912 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166849	.0480836	.0190190	.0641425	.1158257	.3907552
Stddev	.0006009	.0027717	.0019216	.0026969	.0007612	.0100340
%RSD	3.601331	5.764248	10.10346	4.204515	.6571999	2.567860

#1	.0162925	.0462086	.0171393	.0612111	.1160799	.3915121
#2	.0173767	.0512673	.0189378	.0646978	.1149700	.3803642
#3	.0163856	.0467750	.0209798	.0665185	.1164273	.4003894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3625333	.0091014	.0101233	F 2.003283	.0241911	.0971053
Stddev	.0006597	.0000737	.0000709	.040578	.0006345	.0004474
%RSD	.1819635	.8093608	.7000748	2.025592	2.622733	.4607301

#1	.3629900	.0090253	.0100434	2.032496	.0243032	.0967506
#2	.3617770	.0091066	.0101480	1.956950	.0235080	.0969575
#3	.3628330	.0091724	.0101785	2.020402	.0247620	.0976079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0553838	.2387065	.0340610	F 1.981092	.0823888	.0184455
Stddev	.0067103	.0251823	.0013605	.147726	.0006904	.0003530
%RSD	12.11592	10.54949	3.994429	7.456808	.8379945	1.913923

#1	.0581591	.2571014	.0355648	1.815047	.0823506	.0186861
#2	.0602611	.2490123	.0329154	2.030276	.0817183	.0186103
#3	.0477311	.2100060	.0337028	2.097952	.0830975	.0180402

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.500924	.0956864	.1035400	9.474804	.0193182	.0198257
Stddev	.183889	.0059247	.0155447	.033320	.0036149	.0006475
%RSD	1.935489	6.191828	15.01319	.3516735	18.71255	3.266096

#1	9.331804	.1024789	.1214404	9.476295	.0234481	.0202989
#2	9.696678	.0929968	.0934416	9.440763	.0167279	.0200903
#3	9.474289	.0915836	.0957380	9.507354	.0177786	.0190877

Sample Name: PB116912BS Acquired: 02/08/2019 12:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS912 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190841	.1465524	.1786133	.0139356	F .0009945	.0891112
Stddev	.0001047	.0030330	.0005350	.0003807	.0013934	.0011601
%RSD	.5484526	2.069532	.2995309	2.731501	140.1170	1.301814

#1	.0191972	.1492432	.1782186	.0141876	.0001825	.0878662
#2	.0189906	.1432658	.1792222	.0134977	.0001975	.0893055
#3	.0190646	.1471482	.1783992	.0141214	.0026034	.0901618

Elem	Sr4077
Units	ppm
Avg	.1942202
Stddev	.0003345
%RSD	.1722198

#1	.1946040
#2	.1940665
#3	.1939903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.348	1972.555	37339.68	3472.800	3042.863
Stddev	4.232	2.963	6.84	3.462	3.188
%RSD	.2402949	.1502041	.0183262	.0996950	.1047669

#1	1756.467	1974.367	37347.56	3473.475	3046.037
#2	1763.578	1974.163	37336.26	3475.875	3042.890
#3	1764.000	1969.136	37335.22	3469.050	3039.661

Sample Name: PB116932BS Acquired: 02/08/2019 12:25:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS932 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180708	.0495026	.0197407	.0625596	.1171440	.4096851	.3673690
Stddev	.0039434	.0025388	.0018889	.0005661	.0007611	.0110106	.0014907
%RSD	21.82217	5.128694	9.568757	.9049018	.6497491	2.687579	.4057837

#1	.0214832	.0513599	.0197143	.0626329	.1179339	.4195966	.3673524
#2	.0189755	.0505382	.0178651	.0619604	.1170829	.4116253	.3688680
#3	.0137536	.0466096	.0216427	.0630854	.1164153	.3978333	.3658866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094137	.0102273	2.016308	.0243362	.0985998	.0512493	.2672918
Stddev	.0000366	.0000981	.020927	.0005941	.0005304	.0030468	.0224634
%RSD	.3892631	.9589653	1.037883	2.441338	.5379372	5.944966	8.404075

#1	.0094292	.0102487	1.995668	.0240929	.0982708	.0486511	.2481141
#2	.0093719	.0101202	2.015745	.0239023	.0983168	.0504941	.2920057
#3	.0094401	.0103128	2.037511	.0250133	.0992116	.0546026	.2617556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349468	2.027643	.0843233	.0191510	9.366550	.0953988	.1042615
Stddev	.0008115	.078359	.0003887	.0003805	.361450	.0093782	.0146671
%RSD	2.322053	3.864557	.4610228	1.986578	3.858948	9.830551	14.06761

#1	.0354083	2.076463	.0847037	.0192302	8.956936	.0887468	.0899711
#2	.0340098	2.069207	.0839267	.0187372	9.502010	.1061251	.1192783
#3	.0354223	1.937258	.0843395	.0194857	9.640703	.0913246	.1035349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.488875	.0143402	.0177522	.0192581	.1519031	.1838171	.0143906
Stddev	.107192	.0016418	.0007859	.0003824	.0048899	.0030602	.0005664
%RSD	1.129660	11.44862	4.427345	1.985503	3.219075	1.664785	3.936177

#1	9.612581	.0124854	.0183487	.0196810	.1505192	.1833944	.0150177
#2	9.423450	.0149284	.0168616	.0189367	.1573358	.1809903	.0142379
#3	9.430594	.0156068	.0180462	.0191567	.1478543	.1870667	.0139161

Sample Name: PB116932BS Acquired: 02/08/2019 12:25:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS932 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001634	.0871033	.1963945
Stddev	.001246	.0014943	.0006792
%RSD	76.28332	1.715581	.3458397

#1	-.002594	.0855961	.1971169
#2	-.002081	.0885844	.1957688
#3	-.000226	.0871294	.1962979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.338	1995.500	37826.17	3513.358	3059.205
Stddev	15.052	2.709	160.20	21.142	2.685
%RSD	.8393144	.1357483	.4235257	.6017649	.0877775

#1	1779.605	1997.014	37787.90	3499.875	3060.424
#2	1790.978	1997.113	37688.57	3537.725	3061.065
#3	1809.430	1992.372	38002.05	3502.475	3056.126

Sample Name: K1328-15 Acquired: 02/08/2019 12:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483860	-.003540	2.148839	-.013078	-.000319	67.89117
Stddev	.0023261	.001288	.011296	.002340	.000654	.18018
%RSD	4.807481	36.38354	.5256668	17.89581	205.4459	.2653970

#1	.0457794	-.005006	2.143194	-.010441	-.001044	67.75956
#2	.0491277	-.002591	2.141478	-.014909	-.000139	68.09653
#3	.0502509	-.003022	2.161844	-.013883	.000227	67.81743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.221177	.0074048	.3464489	24.94325	.0929298	.0749274
Stddev	.002002	.0000172	.0016579	.09993	.0004951	.0003803
%RSD	.1639364	.2320656	.4785408	.4006295	.5328107	.5075505

#1	1.223054	.0074244	.3456379	24.86996	.0935009	.0745431
#2	1.219070	.0073923	.3453526	25.05708	.0926199	.0749355
#3	1.221408	.0073976	.3483562	24.90271	.0926687	.0753035

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2873553	129.8782	3.317239	4.732484	.1125439	-.010469
Stddev	.0002526	.9542	.030228	.058178	.0009605	.000164
%RSD	.0879184	.7346815	.9112372	1.229324	.8534051	1.564979

#1	.2876394	128.9230	3.283936	4.684896	.1120859	-.010635
#2	.2871560	130.8314	3.342940	4.715216	.1118981	-.010307
#3	.2872703	129.8802	3.324842	4.797341	.1136476	-.010465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.269260	.2064203	F 42.37250	3.847424	1.935913	.1240218
Stddev	.229883	.0035225	.40146	.024344	.016727	.0015867
%RSD	85.37587	1.706477	.9474486	.6327289	.8640408	1.279335

#1	-.114081	.2051505	42.46142	3.822654	1.924456	.1225065
#2	-.160340	.2104016	41.93404	3.848300	1.928175	.1256713
#3	-.533359	.2037087	42.72205	3.871318	1.955108	.1238876

Sample Name: K1328-15 Acquired: 02/08/2019 12:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035419	3.821941	2.436068	.0096471	.1331405	.0237400
Stddev	.0004206	.033822	.011074	.0001902	.0035326	.0011418
%RSD	11.87391	.8849336	.4545709	1.972109	2.653320	4.809638

#1	.0031110	3.810478	2.427862	.0098122	.1326452	.0249282
#2	.0035632	3.795340	2.448664	.0094391	.1368947	.0226510
#3	.0039513	3.860004	2.431679	.0096901	.1298816	.0236407

Elem	Sr4077
Units	ppm
Avg	.0785607
Stddev	.0002025
%RSD	.2577694

#1	.0784771
#2	.0787916
#3	.0784134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.710	2345.097	44671.57	4195.258	2982.500
Stddev	4.507	6.555	174.38	31.247	10.819
%RSD	.2146331	.2795056	.3903636	.7448159	.3627425

#1	2102.118	2347.755	44675.04	4219.399	2984.870
#2	2102.500	2349.905	44495.47	4159.965	2991.937
#3	2094.510	2337.631	44844.19	4206.410	2970.692

Sample Name: K1328-14 Acquired: 02/08/2019 12:34:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461497	-.003178	2.187388	-.013982	-.000720	69.19116
Stddev	.0027956	.000583	.006739	.001995	.001568	.38377
%RSD	6.057756	18.33371	.3080871	14.26652	217.7693	.5546564

#1	.0429216	-.002803	2.187237	-.013683	-.002403	69.06341
#2	.0477505	-.003850	2.180725	-.016109	.000701	69.62251
#3	.0477769	-.002882	2.194201	-.012153	-.000459	68.88755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264463	.0075827	.3524058	25.58570	.0953351	.0771269
Stddev	.005522	.0000429	.0011407	.07939	.0003294	.0003873
%RSD	.4366913	.5659831	.3236872	.3102964	.3455550	.5021293

#1	1.265723	.0075531	.3515063	25.56128	.0956776	.0766993
#2	1.269246	.0075631	.3520224	25.67443	.0953070	.0774539
#3	1.258420	.0076320	.3536888	25.52139	.0950205	.0772276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2934297	131.8155	3.466603	4.846278	.1154532	-.010732
Stddev	.0023415	1.2219	.045434	.058738	.0005633	.000463
%RSD	.7979696	.9269939	1.310606	1.212015	.4878695	4.315340

#1	.2961094	131.5713	3.445807	4.866200	.1156312	-.011222
#2	.2917785	133.1411	3.518712	4.780170	.1148224	-.010672
#3	.2924013	130.7342	3.435289	4.892464	.1159059	-.010301

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.180148	.2043771	F 42.55649	3.988738	1.971852	.1239086
Stddev	.135650	.0038608	.10695	.039354	.007836	.0045359
%RSD	75.29950	1.889075	.2513087	.9866343	.3973851	3.660703

#1	-.169786	.2001294	42.67831	4.005830	1.963286	.1257191
#2	-.320682	.2076730	42.51310	4.016657	1.973612	.1272596
#3	-.049975	.2053291	42.47806	3.943728	1.978658	.1187470

Sample Name: K1328-14 Acquired: 02/08/2019 12:34:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036045	3.856467	2.532364	.0087989	.1392749	.0258908
Stddev	.0002400	.018543	.013246	.0013291	.0026216	.0011922
%RSD	6.659014	.4808256	.5230782	15.10554	1.882301	4.604769

#1	.0035205	3.854631	2.517640	.0102861	.1393651	.0254015
#2	.0034178	3.838911	2.543314	.0077271	.1366094	.0272498
#3	.0038753	3.875860	2.536139	.0083835	.1418502	.0250210

Elem	Sr4077
Units	ppm
Avg	.0801409
Stddev	.0002788
%RSD	.3478508

#1	.0802112
#2	.0803778
#3	.0798337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.901	2315.172	43999.91	4109.558	2935.191
Stddev	9.477	3.537	131.67	13.923	5.401
%RSD	.4571764	.1527955	.2992419	.3387922	.1840210

#1	2064.534	2319.250	43854.01	4117.662	2941.043
#2	2083.192	2313.339	44035.82	4093.482	2934.133
#3	2070.976	2312.927	44109.89	4117.531	2930.397

Sample Name: K1328-16 Acquired: 02/08/2019 12:38:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063653	.1007539	2.232291	-.002055	.0314346	80.64199
Stddev	.0019724	.0003713	.006202	.001975	.0007630	.14451
%RSD	1.854407	.3684891	.2778189	96.13040	2.427180	.1791960

#1	.1071978	.1008183	2.227993	-.003974	.0314711	80.62938
#2	.1077850	.1003547	2.229480	-.000028	.0306540	80.79239
#3	.1041131	.1010888	2.239401	-.002162	.0321787	80.50420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975482	.0941233	.4785524	26.42428	.4912438	1.196896
Stddev	.017752	.0014800	.0018201	.07310	.0023361	.006065
%RSD	.3567833	1.572398	.3803386	.2766269	.4755432	.5067065

#1	4.994190	.0929955	.4768545	26.43513	.4898511	1.190579
#2	4.973384	.0957991	.4783285	26.49135	.4899396	1.197437
#3	4.958873	.0935752	.4804740	26.34637	.4939408	1.202672

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7973522	141.5652	3.563954	5.238012	1.285604	.0423674
Stddev	.0008092	.9823	.027141	.057423	.004281	.0001919
%RSD	.1014885	.6938682	.7615328	1.096277	.3329922	.4528791

#1	.7972628	140.5801	3.532858	5.208923	1.284047	.0424281
#2	.7965914	142.5446	3.582879	5.304159	1.282319	.0425216
#3	.7982025	141.5709	3.576125	5.200955	1.290445	.0421525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.154862	1.151853	F 44.25227	4.537162	1.987206	.1358713
Stddev	.250169	.007738	.65109	.066204	.005673	.0015002
%RSD	161.5433	.6717781	1.471310	1.459141	.2854625	1.104129

#1	-.417346	1.145606	44.88324	4.461504	1.980669	.1365010
#2	.080837	1.160508	43.58277	4.584468	1.990120	.1341589
#3	-.128078	1.149444	44.29079	4.565514	1.990830	.1369540

Sample Name: K1328-16 Acquired: 02/08/2019 12:38:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039435	3.919266	2.412245	.0111296	.1353273	.0296414
Stddev	.0003430	.011415	.030031	.0008915	.0023314	.0012350
%RSD	8.697668	.2912414	1.244956	8.010289	1.722757	4.166461

#1	.0035533	3.910909	2.391741	.0111821	.1354004	.0303936
#2	.0040795	3.914619	2.446716	.0102130	.1376213	.0282161
#3	.0041976	3.932272	2.398278	.0119937	.1329603	.0303146

Elem	Sr4077
Units	ppm
Avg	.0841247
Stddev	.0003049
%RSD	.3623808

#1	.0844165
#2	.0838083
#3	.0841492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.039	2349.252	44853.75	4216.674	2957.491
Stddev	11.378	8.869	85.30	43.225	12.590
%RSD	.5407784	.3775304	.1901734	1.025087	.4256939

#1	2091.342	2351.322	44909.53	4250.224	2964.459
#2	2113.312	2356.903	44896.16	4167.896	2965.056
#3	2107.463	2339.531	44755.56	4231.901	2942.957

Sample Name: K1328-14LX5 Acquired: 02/08/2019 12:42:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097001	-.001707	.4417439	-.003891	-.000005	15.90828	.2906107
Stddev	.0014398	.001812	.0010866	.000633	.001832	.23204	.0042659
%RSD	14.84366	106.1447	.2459815	16.27683	40089.40	1.458616	1.467910

#1	.0108510	.000314	.4420860	-.004115	.001705	16.14736	.2955231
#2	.0101637	-.002250	.4405274	-.004383	-.001938	15.68399	.2878395
#3	.0080855	-.003186	.4426183	-.003177	.000220	15.89348	.2884694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017130	.0717858	5.911305	.0217638	.0150946	.0680342	30.52107
Stddev	.0000698	.0001334	.079486	.0000586	.0001396	.0059325	.49116
%RSD	4.077293	.1858304	1.344640	.2692281	.9248125	8.719838	1.609233

#1	.0016495	.0717900	6.002750	.0218175	.0150493	.0746353	31.01080
#2	.0017878	.0716504	5.858769	.0217013	.0152512	.0631483	30.02850
#3	.0017017	.0719171	5.872397	.0217725	.0149833	.0663190	30.52390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8016512	1.174212	.0229862	-.001937	-.105206	.0498048	10.03640
Stddev	.0137784	.075566	.0001825	.000196	.067464	.0055519	.07901
%RSD	1.718755	6.435465	.7940423	10.12185	64.12598	11.14730	.7872529

#1	.8138277	1.258808	.0228196	-.002024	-.150224	.0528798	10.12667
#2	.7866948	1.150431	.0229579	-.002074	-.137756	.0433958	9.97980
#3	.8044311	1.113397	.0231813	-.001712	-.027638	.0531389	10.00273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8948550	.4063089	.0275854	.0009445	.7995009	.6005040	.0012385
Stddev	.0711570	.0023219	.0007899	.0001247	.0046547	.0059779	.0010791
%RSD	7.951795	.5714576	2.863334	13.20243	.5822034	.9954748	87.12825

#1	.9693963	.4088773	.0282371	.0010698	.8027945	.6073384	.0007133
#2	.8276508	.4043586	.0267070	.0009434	.7941757	.5962485	.0005225
#3	.8875178	.4056909	.0278121	.0008204	.8015325	.5979250	.0024797

Sample Name: K1328-14LX5 Acquired: 02/08/2019 12:42:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0344450	.0048397	.0184991
Stddev	.0021982	.0024352	.0001826
%RSD	6.381802	50.31730	.9873662

#1	.0349135	.0072434	.0187080
#2	.0320504	.0023742	.0184200
#3	.0363713	.0049015	.0183694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.166	2049.702	38767.15	3580.242	2991.408
Stddev	8.722	17.135	118.80	52.651	20.808
%RSD	.4757989	.8359975	.3064361	1.470602	.6956005

#1	1825.005	2061.590	38668.52	3522.575	3004.943
#2	1842.358	2057.457	38733.92	3625.750	3001.833
#3	1832.134	2030.060	38899.03	3592.400	2967.448

Sample Name: K1330-15 Acquired: 02/08/2019 12:46:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908684	-.000961	.3472393	-.031611	.0065987	84.06934	1.360901
Stddev	.0049525	.001328	.0015930	.001762	.0024411	1.42126	.024303
%RSD	5.450153	138.2647	.4587498	5.574902	36.99368	1.690586	1.785821

#1	.0852783	-.000118	.3455653	-.030069	.0039476	85.71001	1.388962
#2	.0926191	-.000272	.3474160	-.033532	.0070950	83.21517	1.346588
#3	.0947077	-.002492	.3487364	-.031232	.0087534	83.28283	1.347153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096703	.0185438	19.99569	.2428564	.1727110	.0476726	256.2316
Stddev	.0002682	.0001130	.34168	.0004100	.0006983	.0049903	4.8534
%RSD	2.773699	.6091573	1.708791	.1688264	.4043145	10.46796	1.894132

#1	.0099446	.0184182	20.38732	.2423987	.1723089	.0422133	261.8352
#2	.0094086	.0185764	19.84134	.2429804	.1723067	.0519994	253.5003
#3	.0096576	.0186369	19.75841	.2431900	.1735173	.0488050	253.3593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.147017	5.496918	.0754445	-.020931	-.091908	.5488598	6.365734
Stddev	.141205	.035604	.0003890	.000314	.155327	.0079845	.023233
%RSD	1.733214	.6477021	.5156534	1.500693	169.0013	1.454750	.3649687

#1	8.309954	5.537007	.0755659	-.021029	-.206339	.5547521	6.370886
#2	8.070779	5.484766	.0750093	-.020580	-.154300	.5397725	6.385959
#3	8.060316	5.468981	.0757584	-.021185	.084913	.5520548	6.340358

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.385878	1.599434	.2315943	.0073668	1.817229	2.577404	.0060980
Stddev	.140767	.011333	.0075955	.0002137	.020260	.029848	.0012787
%RSD	4.157464	.7085825	3.279656	2.901330	1.114860	1.158075	20.96893

#1	3.547833	1.586404	.2380201	.0071366	1.808494	2.610021	.0073722
#2	3.292937	1.604896	.2335508	.0075590	1.802802	2.551450	.0061068
#3	3.316863	1.607003	.2232119	.0074049	1.840391	2.570743	.0048149

Sample Name: K1330-15 Acquired: 02/08/2019 12:46:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2310960	.0268272	.0949284
Stddev	.0021556	.0011542	.0016665
%RSD	.9327592	4.302210	1.755510

#1	.2328810	.0281028	.0968317
#2	.2317057	.0265234	.0937316
#3	.2287012	.0258553	.0942218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.622	2147.296	40703.61	3780.281	2976.450
Stddev	9.724	4.895	60.65	71.764	13.667
%RSD	.5062832	.2279669	.1490116	1.898380	.4591688

#1	1909.818	2150.013	40669.48	3700.423	2982.405
#2	1928.671	2150.230	40667.71	3839.371	2986.128
#3	1923.376	2141.645	40773.64	3801.048	2960.816

Sample Name: K1330-16 Acquired: 02/08/2019 12:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907956	.0023364	.3376452	-.030952	.0042825	82.67921	1.338814
Stddev	.0020322	.0019828	.0030262	.003030	.0020820	.29761	.000998
%RSD	2.238179	84.86359	.8962624	9.789045	48.61701	.3599546	.0745509

#1	.0926218	.0007183	.3376436	-.033807	.0040588	82.71179	1.338490
#2	.0886064	.0045483	.3346198	-.027773	.0064674	82.95918	1.339934
#3	.0911587	.0017427	.3406722	-.031275	.0023214	82.36665	1.338018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095470	.0182612	19.75545	.2382718	.1706742	.0496419	251.6460
Stddev	.0000414	.0002652	.12503	.0005484	.0007041	.0027398	2.0741
%RSD	.4340108	1.452258	.6328646	.2301496	.4125221	5.519120	.8242161

#1	.0095312	.0182906	19.75144	.2381755	.1710549	.0493276	252.2746
#2	.0095158	.0179825	19.88244	.2377779	.1698617	.0525253	253.3331
#3	.0095941	.0185104	19.63248	.2388619	.1711059	.0470728	249.3303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.917209	5.438078	.0740384	-.021060	-.183531	.5471830	6.284500
Stddev	.056598	.084355	.0004113	.000176	.185791	.0036643	.061662
%RSD	.7148709	1.551184	.5555774	.8369680	101.2313	.6696642	.9811835

#1	7.927851	5.374133	.0742791	-.020921	-.359282	.5438150	6.354868
#2	7.967731	5.533682	.0742726	-.021258	-.202202	.5510850	6.258721
#3	7.856046	5.406420	.0735634	-.021001	.010890	.5466491	6.239910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.214154	1.593904	.2250286	.0073478	1.802957	2.532499	.0056086
Stddev	.062968	.007257	.0045479	.0003702	.012446	.020876	.0016076
%RSD	1.959091	.4553215	2.021033	5.038527	.6902858	.8243315	28.66321

#1	3.157077	1.590406	.2274153	.0069220	1.800422	2.530266	.0052901
#2	3.281701	1.589059	.2278863	.0075280	1.791974	2.554402	.0041841
#3	3.203685	1.602249	.2197842	.0075934	1.816475	2.512829	.0073517

Sample Name: K1330-16 Acquired: 02/08/2019 12:50:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2255040	.0248300	.0934851
Stddev	.0027561	.0001858	.0003952
%RSD	1.222189	.7481763	.4227011

#1	.2251762	.0248269	.0930405
#2	.2284093	.0250173	.0936185
#3	.2229264	.0246458	.0937963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.411	2155.801	40909.35	3819.009	2987.602
Stddev	14.966	2.549	223.97	28.492	5.152
%RSD	.7744777	.1182383	.5474728	.7460586	.1724610

#1	1916.700	2155.519	40683.10	3823.628	2986.643
#2	1946.500	2158.479	40913.99	3788.490	2993.167
#3	1934.035	2153.404	41130.96	3844.910	2982.997

Sample Name: K1330-17 Acquired: 02/08/2019 12:54:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK9S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372878	.1001333	.2820723	-.006256	.0531918	78.66954	4.781887
Stddev	.0022311	.0018679	.0025788	.003663	.0001110	.17257	.008709
%RSD	1.625090	1.865439	.9142259	58.54955	.2086385	.2193576	.1821261

#1	.1395858	.0980765	.2800678	-.009471	.0531215	78.64094	4.783097
#2	.1351303	.1005992	.2849815	-.002268	.0531342	78.85462	4.789928
#3	.1371475	.1017242	.2811675	-.007028	.0533198	78.51305	4.772636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017084	.1151274	17.33817	.6320045	1.191789	.5618995	188.1970
Stddev	.0003339	.0003531	.01338	.0013291	.003809	.0029468	1.6595
%RSD	.3283071	.3066667	.0771882	.2103057	.3195645	.5244284	.8817659

#1	.1013313	.1150112	17.32515	.6305115	1.191086	.5609014	188.5863
#2	.1019665	.1148472	17.35189	.6330590	1.188381	.5652156	189.6272
#3	.1018274	.1155240	17.33747	.6324430	1.195900	.5595813	186.3775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.631974	5.332877	1.177902	.0424110	.0202185	1.442094	6.108275
Stddev	.040657	.051178	.004117	.0003257	.2394631	.007152	.109848
%RSD	.6130395	.9596745	.3495417	.7680064	1184.376	.4959748	1.798351

#1	6.636319	5.386541	1.174006	.0427773	-.052105	1.449952	6.171085
#2	6.670284	5.327475	1.177489	.0423016	.287507	1.440367	6.172305
#3	6.589320	5.284613	1.182210	.0421540	-.174746	1.435963	5.981435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.132979	1.371183	.1680137	.0061734	1.401184	2.894821	.0047933
Stddev	.033528	.006046	.0047291	.0002354	.013478	.064183	.0003504
%RSD	1.070179	.4409186	2.814705	3.812414	.9618719	2.217164	7.310505

#1	3.146100	1.369278	.1712439	.0064447	1.394188	2.968801	.0051325
#2	3.094875	1.366320	.1702115	.0060236	1.392643	2.861665	.0048148
#3	3.157963	1.377952	.1625857	.0060520	1.416721	2.853998	.0044326

Sample Name: K1330-17 Acquired: 02/08/2019 12:54:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2346292	.0233643	.0759699
Stddev	.0021954	.0024077	.0004553
%RSD	.9356903	10.30499	.5992814

#1	.2356661	.0255860	.0763886
#2	.2321074	.0237010	.0760358
#3	.2361141	.0208060	.0754852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.222	2143.143	40906.67	3834.535	2997.498
Stddev	10.608	6.367	38.62	9.735	9.794
%RSD	.5478929	.2970991	.0944185	.2538882	.3267508

#1	1923.998	2150.172	40949.93	3843.594	3008.069
#2	1943.019	2141.499	40894.43	3835.771	2995.693
#3	1941.648	2137.760	40875.65	3824.241	2988.732

Sample Name: K1328-01 Acquired: 02/08/2019 13:02:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902366	-.000182	.5187085	-.032258	.0071981	64.92731	2.130122
Stddev	.0017807	.002260	.0047544	.001933	.0018824	.26530	.004502
%RSD	1.973392	1240.064	.9165897	5.993024	26.15148	.4086055	.2113298

#1	.0884535	.000634	.5132244	-.032275	.0068141	64.94534	2.130185
#2	.0902413	.001556	.5216686	-.034183	.0055373	64.65346	2.125590
#3	.0920149	-.002737	.5212326	-.030317	.0092428	65.18314	2.134593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108645	.0840266	12.95699	.1971852	.1876662	.0983692	286.8730
Stddev	.0001579	.0009871	.04977	.0015083	.0020935	.0038997	.2912
%RSD	1.453360	1.174785	.3841204	.7649378	1.115561	3.964351	.1015120

#1	.0108540	.0829206	12.92480	.1988962	.1852703	.0987178	286.5446
#2	.0107121	.0843407	12.93184	.1966120	.1885851	.0943069	286.9744
#3	.0110273	.0848184	13.01431	.1960476	.1891431	.1020829	287.0999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.822015	4.937629	.0873349	-.023878	-.145212	.4592585	12.44991
Stddev	.025960	.053327	.0012086	.000217	.158055	.0018947	.06467
%RSD	.5383570	1.080018	1.383847	.9078979	108.8442	.4125482	.5194678

#1	4.817611	4.989624	.0862021	-.023918	-.273344	.4570876	12.50272
#2	4.798539	4.883063	.0871954	-.024072	-.193698	.4605788	12.46922
#3	4.849895	4.940199	.0886071	-.023644	.031406	.4601092	12.37778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.087015	2.159178	.2510656	.0067119	4.289326	2.436134	.0045201
Stddev	.046717	.023722	.0055795	.0004161	.035963	.035702	.0012447
%RSD	1.513351	1.098677	2.222311	6.199846	.8384198	1.465518	27.53761

#1	3.034837	2.132278	.2511624	.0067970	4.251590	2.412627	.0030954
#2	3.124962	2.168148	.2565961	.0070788	4.293185	2.418559	.0050683
#3	3.101245	2.177107	.2454384	.0062597	4.323204	2.477217	.0053967

Sample Name: K1328-01 Acquired: 02/08/2019 13:02:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3126706	.0175491	.1132808
Stddev	.0005819	.0011621	.0006558
%RSD	.1861190	6.621737	.5789412

#1	.3125037	.0186833	.1127569
#2	.3121904	.0176029	.1130692
#3	.3133178	.0163610	.1140163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.735	2195.058	42107.67	3924.171	2940.620
Stddev	3.547	17.229	87.57	33.946	32.443
%RSD	.1787864	.7848950	.2079567	.8650419	1.103274

#1	1987.336	2213.637	42009.37	3929.049	2976.298
#2	1983.624	2191.927	42177.34	3955.414	2932.673
#3	1980.245	2179.608	42136.29	3888.050	2912.888

Sample Name: K1330-15LX5 Acquired: 02/08/2019 12:58:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246537	.0002515	.0676338	-.004060	.0002339	17.83955	.2892661
Stddev	.0037479	.0042297	.0014981	.001745	.0007350	.47483	.0068884
%RSD	15.20195	1681.576	2.215062	42.98029	314.2871	2.661664	2.381331

#1	.0286031	.0039006	.0680881	-.005854	.0010802	18.38020	.2972136
#2	.0211466	-.004384	.0659611	-.002369	-.000245	17.49026	.2855719
#3	.0242115	.001238	.0688522	-.003957	-.000133	17.64819	.2850128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020838	.0036755	4.329546	.0502625	.0336584	.0106013	54.74721
Stddev	.0000592	.0000357	.071303	.0003494	.0002807	.0011600	1.48449
%RSD	2.840624	.9713185	1.646895	.6951579	.8338804	10.94239	2.711532

#1	.0021510	.0036468	4.411509	.0498672	.0334737	.0093119	56.38765
#2	.0020392	.0036641	4.295322	.0503902	.0335201	.0109317	53.49638
#3	.0020614	.0037155	4.281807	.0505302	.0339814	.0115604	54.35761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.714310	1.215195	.0149357	-.003820	-.210668	.1137950	1.370041
Stddev	.052787	.074428	.0004179	.000596	.328331	.0037374	.015968
%RSD	3.079227	6.124812	2.798132	15.58913	155.8523	3.284294	1.165535

#1	1.765551	1.255853	.0152689	-.003300	-.561076	.1174386	1.386918
#2	1.660101	1.260439	.0150716	-.004469	.089883	.1139760	1.355171
#3	1.717278	1.129293	.0144668	-.003691	-.160810	.1099704	1.368034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6439360	.3313073	.0467080	.0015999	.3741524	.5534235	.0008000
Stddev	.0554908	.0028365	.0010604	.0003774	.0053501	.0170629	.0011183
%RSD	8.617441	.8561650	2.270175	23.58718	1.429913	3.083154	139.7905

#1	.7073539	.3314840	.0476318	.0016755	.3680975	.5722128	.0005099
#2	.6042985	.3340513	.0455502	.0011904	.3761180	.5388943	-.000145
#3	.6201558	.3283865	.0469420	.0019337	.3782415	.5491633	.002035

Sample Name: K1330-15LX5 Acquired: 02/08/2019 12:58:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0504990	.0028419	.0201719
Stddev	.0035725	.0018777	.0003425
%RSD	7.074494	66.07209	1.697846

#1	.0543401	.0006758	.0205477
#2	.0498816	.0040065	.0200908
#3	.0472754	.0038435	.0198772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.622	2014.905	38195.95	3531.675	2991.182
Stddev	2.447	4.470	216.15	93.684	2.969
%RSD	.1352226	.2218412	.5658908	2.652674	.0992675

#1	1807.134	2012.300	38051.94	3425.375	2990.129
#2	1809.708	2020.066	38091.42	3602.200	2994.535
#3	1812.025	2012.347	38444.49	3567.450	2988.883

Sample Name: K1328-03 Acquired: 02/08/2019 13:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457425	-.004493	.6659945	-.015692	.0011302	115.4829	2.728670
Stddev	.0030502	.001347	.0054872	.004334	.0004501	.4949	.005101
%RSD	6.668178	29.97588	.8239172	27.61769	39.82373	.4285074	.1869534

#1	.0457745	-.005686	.6656830	-.014674	.0016315	115.1550	2.725205
#2	.0426764	-.004762	.6606697	-.020444	.0007608	115.2416	2.726277
#3	.0487766	-.003032	.6716309	-.011958	.0009982	116.0521	2.734528

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102047	.0323455	39.37720	.1296871	.0333061	.0903326	131.1918
Stddev	.0000518	.0001591	.08867	.0006302	.0005442	.0042191	.8988
%RSD	.5080441	.4920225	.2251897	.4859533	1.634039	4.670587	.6851132

#1	.0101493	.0322549	39.34634	.1298088	.0335277	.0869039	131.2195
#2	.0102520	.0322524	39.30807	.1290049	.0326860	.0890497	130.2795
#3	.0102129	.0325293	39.47717	.1302476	.0337046	.0950442	132.0765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4137566	8.406393	.0812021	-.010323	-.167393	.2687039	4.413092
Stddev	.0020373	.036626	.0011778	.000163	.101583	.0036852	.023870
%RSD	.4924028	.4356863	1.450408	1.583688	60.68510	1.371466	.5408833

#1	.4151775	8.426046	.0799826	-.010181	-.094584	.2728960	4.427981
#2	.4114224	8.364136	.0812905	-.010501	-.283442	.2659750	4.385561
#3	.4146699	8.428998	.0823331	-.010286	-.124154	.2672407	4.425736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.862692	1.068099	.1085363	.0031941	1.208583	1.812312	.0048590
Stddev	.050909	.008501	.0022811	.0002922	.009343	.006784	.0012513
%RSD	1.046930	.7958613	2.101719	9.147644	.7730746	.3743191	25.75227

#1	4.836151	1.063630	.1102395	.0033519	1.202880	1.805975	.0035860
#2	4.830538	1.062765	.1059447	.0028570	1.203503	1.811492	.0049035
#3	4.921387	1.077901	.1094248	.0033735	1.219365	1.819468	.0060875

Sample Name: K1328-03 Acquired: 02/08/2019 13:10:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1593840	.0332567	.1875280
Stddev	.0016584	.0000809	.0011106
%RSD	1.040512	.2433334	.5922435

#1	.1575297	.0333307	.1868261
#2	.1607252	.0331703	.1869495
#3	.1598971	.0332692	.1888084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.047	2463.383	46881.47	4431.504	2938.452
Stddev	5.732	5.901	84.25	25.589	11.874
%RSD	.2594758	.2395601	.1797053	.5774425	.4041032

#1	2213.228	2468.647	46860.67	4455.923	2946.043
#2	2211.400	2464.500	46974.18	4433.702	2944.546
#3	2202.513	2457.004	46809.58	4404.886	2924.768

Sample Name: K1328-02 Acquired: 02/08/2019 13:06:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712524	-.001790	.2773541	-.030304	.0060726	185.7325	1.215024
Stddev	.0039889	.002012	.0020280	.002795	.0011514	.7137	.004983
%RSD	5.598212	112.3898	.7311893	9.221675	18.95966	.3842857	.4101468

#1	.0733552	-.000346	.2796897	-.029151	.0071475	184.9115	1.209929
#2	.0737498	-.000936	.2763331	-.028270	.0048576	186.0803	1.215256
#3	.0666521	-.004088	.2760395	-.033490	.0062128	186.2057	1.219887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116750	.0073204	52.78785	.2543090	.0901637	.0901010	254.2012
Stddev	.0000604	.0000487	.28632	.0013679	.0005407	.0032011	1.6432
%RSD	.5177620	.6650868	.5424058	.5378885	.5997205	3.552772	.6464124

#1	.0116105	.0073612	52.50319	.2546057	.0903467	.0901700	252.3959
#2	.0116840	.0072665	52.78457	.2555042	.0895553	.0932670	255.6096
#3	.0117304	.0073335	53.07581	.2528171	.0905892	.0868660	254.5981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532405	10.19378	.1052077	-.021542	-.116816	.5081506	.9201271
Stddev	.010331	.17465	.0001880	.000718	.161641	.0096189	.0218160
%RSD	.6741417	1.713277	.1786516	3.334880	138.3725	1.892913	2.370975

#1	1.521843	10.02467	.1052346	-.020816	-.076309	.5133625	.8963372
#2	1.542488	10.18319	.1050078	-.022253	-.294857	.4970505	.9391960
#3	1.532882	10.37348	.1053808	-.021556	.020720	.5140386	.9248482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.710643	1.274872	.2138907	.0063233	.6065796	2.501182	.0097218
Stddev	.060210	.002713	.0061325	.0001714	.0043313	.013234	.0008983
%RSD	.8972278	.2127998	2.867102	2.709979	.7140488	.5291285	9.240017

#1	6.659310	1.277962	.2093206	.0061326	.6110477	2.494308	.0090025
#2	6.695704	1.272881	.2208600	.0063729	.6062915	2.492799	.0094343
#3	6.776916	1.273773	.2114914	.0064643	.6023995	2.516439	.0107287

Sample Name: K1328-02 Acquired: 02/08/2019 13:06:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2282079	.0539450	.1549817
Stddev	.0006182	.0008845	.0008005
%RSD	.2708959	1.639707	.5164992

#1	.2275793	.0532822	.1540620
#2	.2282293	.0536035	.1553625
#3	.2288151	.0549494	.1555208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.074	2113.049	40093.11	3826.354	2886.332
Stddev	6.987	7.244	104.11	21.898	10.322
%RSD	.3720403	.3428290	.2596724	.5722950	.3576050

#1	1883.460	2112.522	39986.10	3839.386	2883.671
#2	1870.179	2120.543	40099.17	3838.605	2897.724
#3	1880.584	2106.083	40194.06	3801.073	2877.601

Sample Name: K1328-04 Acquired: 02/08/2019 13:14:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753233	-.010316	.3331866	-.035208	.0064925	145.4055	2.037061
Stddev	.0016017	.000620	.0024036	.004056	.0008796	.2885	.006895
%RSD	2.126367	6.008171	.7214088	11.52058	13.54748	.1984225	.3384922

#1	.0754288	-.009661	.3309321	-.034527	.0054922	145.7034	2.033174
#2	.0736716	-.010394	.3329119	-.031536	.0071451	145.3856	2.032987
#3	.0768697	-.010894	.3357158	-.039562	.0068402	145.1274	2.045023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132365	.0108472	22.62611	.1923277	.3005424	.0988542	264.8435
Stddev	.0000815	.0001652	.03812	.0006087	.0008855	.0035674	2.0839
%RSD	.6154704	1.523026	.1684954	.3165099	.2946265	3.608754	.7868564

#1	.0131539	.0108225	22.59929	.1922343	.3001564	.0968594	266.5707
#2	.0133168	.0106957	22.60929	.1917711	.2999154	.0967304	265.4309
#3	.0132389	.0110233	22.66975	.1929778	.3015553	.1029728	262.5289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51026	10.15879	.1734489	-.020727	-.427742	.4014158	6.888606
Stddev	.09557	.14823	.0005978	.000306	.261043	.0087574	.078786
%RSD	.9092854	1.459114	.3446729	1.476011	61.02825	2.181623	1.143716

#1	10.57062	10.18927	.1735544	-.021070	-.172854	.3914210	6.935293
#2	10.56008	10.28940	.1728054	-.020626	-.694533	.4050824	6.797642
#3	10.40008	9.99768	.1739870	-.020484	-.415837	.4077438	6.932881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.188932	1.679081	.2162484	.0038948	4.225065	1.459662	.0098562
Stddev	.048405	.011439	.0045957	.0002374	.038414	.010825	.0003098
%RSD	.7821169	.6812446	2.125200	6.095757	.9091852	.7416165	3.142912

#1	6.241081	1.668354	.2214705	.0040120	4.190817	1.456918	.0099697
#2	6.180277	1.677768	.2144546	.0040508	4.217778	1.471594	.0100933
#3	6.145439	1.691119	.2128201	.0036216	4.266601	1.450472	.0095057

Sample Name: K1328-04 Acquired: 02/08/2019 13:14:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2212798	.0361515	.1360705
Stddev	.0021754	.0009270	.0003210
%RSD	.9830906	2.564184	.2358702

#1	.2237024	.0366707	.1361763
#2	.2206435	.0367025	.1357100
#3	.2194936	.0350813	.1363252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.886	2425.269	46563.52	4401.383	2922.246
Stddev	9.641	9.454	169.18	33.029	12.080
%RSD	.4439093	.3898112	.3633221	.7504313	.4133732

#1	2162.787	2432.407	46574.40	4390.791	2932.250
#2	2181.991	2428.853	46726.99	4374.950	2925.661
#3	2170.881	2414.547	46389.16	4438.410	2908.826

Sample Name: K1328-05 Acquired: 02/08/2019 13:18:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731081	-.008639	.3451202	-.038801	.0064973	179.1148	1.488063
Stddev	.0024360	.003524	.0038849	.001337	.0026342	.1062	.002009
%RSD	3.331993	40.79641	1.125655	3.445253	40.54256	.0592703	.1350182

#1	.0718798	-.007233	.3426019	-.038774	.0083729	179.1353	1.489842
#2	.0759136	-.006035	.3431644	-.037478	.0076333	179.2091	1.488463
#3	.0715308	-.012649	.3495943	-.040151	.0034858	178.9998	1.485884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158959	.0130782	43.28205	.3064291	.1155245	.1059750	296.0909
Stddev	.0001098	.0002203	.04155	.0041158	.0002713	.0047583	.4091
%RSD	.6905842	1.684392	.0960046	1.343151	.2348235	4.490072	.1381586

#1	.0158734	.0128400	43.28092	.3039162	.1155204	.1038067	296.5533
#2	.0160152	.0132746	43.32415	.3041923	.1152552	.1114313	295.7764
#3	.0157992	.0131201	43.24107	.3111790	.1157978	.1026869	295.9428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.416624	10.73684	.1148262	-.024744	-.084831	.5652094	1.221915
Stddev	.007312	.06116	.0015009	.000368	.250719	.0063432	.070236
%RSD	.3025558	.5696671	1.307065	1.485878	295.5516	1.122284	5.748023

#1	2.409425	10.69609	.1159031	-.024456	-.199390	.5579340	1.146036
#2	2.424043	10.70727	.1131118	-.024618	.202703	.5695805	1.235060
#3	2.416403	10.80717	.1154636	-.025159	-.257806	.5681137	1.284651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.913151	1.424696	.2356090	.0070631	.7480913	2.883887	.0096877
Stddev	.047201	.015380	.0012101	.0001335	.0059915	.031141	.0009041
%RSD	.5964932	1.079511	.5136230	1.889908	.8009090	1.079833	9.332089

#1	7.945792	1.423604	.2350083	.0069688	.7476778	2.918499	.0098391
#2	7.934631	1.409892	.2370020	.0070045	.7423172	2.858140	.0105065
#3	7.859030	1.440593	.2348168	.0072158	.7542789	2.875021	.0087175

Sample Name: K1328-05 Acquired: 02/08/2019 13:18:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2660880	.0397734	.1772126
Stddev	.0004428	.0014298	.0003959
%RSD	.1664032	3.594788	.2233778

#1	.2660737	.0400105	.1769119
#2	.2665377	.0382398	.1770647
#3	.2656525	.0410697	.1776611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.012	2239.126	42830.79	4080.814	2850.184
Stddev	26.456	4.194	616.56	11.013	4.507
%RSD	1.320795	.1872908	1.439536	.2698646	.1581246

#1	2028.867	2242.983	43417.26	4075.829	2854.564
#2	2004.174	2239.735	42887.10	4073.176	2850.428
#3	1975.994	2234.662	42188.00	4093.438	2845.560

Sample Name: K1328-08 Acquired: 02/08/2019 13:30:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606587	-.005272	.2229069	-.025282	.0031366	45.21752	1.044998
Stddev	.0022130	.002980	.0010474	.002564	.0011795	.23372	.001632
%RSD	3.648283	56.53282	.4698729	10.14007	37.60479	.5168843	.1562187

#1	.0599597	-.003489	.2223981	-.027789	.0023342	45.45276	1.046840
#2	.0631368	-.003614	.2222111	-.025391	.0044909	45.21445	1.044426
#3	.0588796	-.008713	.2241115	-.022665	.0025848	44.98535	1.043729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091772	.0758207	12.08572	.1893713	.1094830	.0432396	213.1368
Stddev	.0000439	.0004134	.02998	.0005521	.0006107	.0013357	1.7345
%RSD	.4785523	.5452994	.2480298	.2915180	.5577758	3.089079	.8137979

#1	.0092064	.0753747	12.11762	.1896317	.1088376	.0417111	214.7390
#2	.0091267	.0758963	12.08140	.1887372	.1100518	.0441821	213.3764
#3	.0091984	.0761912	12.05813	.1897450	.1095595	.0438257	211.2949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.219932	3.166583	.0570261	-.017377	-.261776	.4118391	7.892466
Stddev	.020971	.106507	.0005041	.000326	.125405	.0038936	.056039
%RSD	.9446470	3.363453	.8840476	1.873972	47.90544	.9454282	.7100254

#1	2.234274	3.275523	.0574926	-.017252	-.258052	.4125683	7.928862
#2	2.229658	3.062690	.0564913	-.017134	-.138274	.4153167	7.920601
#3	2.195865	3.161537	.0570945	-.017747	-.389001	.4076325	7.827934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.066470	1.587065	.1750698	.0038434	1.056487	2.210570	.0044330
Stddev	.034973	.004476	.0039887	.0001932	.001279	.023903	.0018533
%RSD	1.692426	.2820376	2.278327	5.027289	.1210178	1.081318	41.80695

#1	2.084576	1.582022	.1791273	.0040559	1.055017	2.235015	.0040262
#2	2.088678	1.588607	.1749283	.0037961	1.057340	2.209445	.0028169
#3	2.026156	1.590566	.1711537	.0036782	1.057104	2.187249	.0064560

Sample Name: K1328-08 Acquired: 02/08/2019 13:30:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2553321	.0126975	.0555960
Stddev	.0032706	.0010222	.0000591
%RSD	1.280920	8.050057	.1063472

#1	.2590392	.0116284	.0555313
#2	.2541027	.0136651	.0556472
#3	.2528543	.0127991	.0556094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.031	2185.199	41481.70	3911.303	2921.336
Stddev	8.884	3.536	159.56	36.367	7.779
%RSD	.4537223	.1618283	.3846627	.9297992	.2662694

#1	1949.442	2188.123	41348.55	3875.374	2928.278
#2	1957.468	2186.204	41437.99	3910.440	2922.800
#3	1967.183	2181.268	41658.57	3948.093	2912.929

Sample Name: CCV090 Acquired: 02/08/2019 13:34:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832282	5.074009	25.68267	4.612176	5.030977	394.5058	10.12126
Stddev	.019992	.024344	.09805	.014352	.008928	.5302	.01027
%RSD	.4137121	.4797695	.3817647	.3111792	.1774584	.1343852	.1014701

#1	4.828247	5.062305	25.58562	4.614160	5.023338	394.5587	10.12946
#2	4.814616	5.057729	25.68071	4.596935	5.028801	395.0076	10.12458
#3	4.853984	5.101994	25.78168	4.625433	5.040792	393.9512	10.10974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4867483	2.497685	403.0591	15.23839	2.487860	15.58363	391.4573
Stddev	.0010430	.008006	.5671	.01437	.009579	.02109	.5895
%RSD	.2142760	.3205432	.1406963	.0943137	.3850348	.1353490	.1505976

#1	.4877438	2.490646	403.6449	15.23481	2.478245	15.60457	391.9885
#2	.4856636	2.496014	402.5128	15.22614	2.487932	15.58393	391.5603
#3	.4868375	2.506395	403.0195	15.25421	2.497403	15.56239	390.8230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61037	387.3899	2.639214	1.235712	386.1898	2.446712	14.11353
Stddev	.01612	.7857	.010063	.001281	.8919	.037211	.07423
%RSD	.1103491	.2028212	.3813028	.1036323	.2309609	1.520849	.5259166

#1	14.60128	387.0439	2.628637	1.234417	385.2474	2.477313	14.08064
#2	14.62899	388.2892	2.640334	1.235740	387.0208	2.457534	14.19852
#3	14.60085	386.8366	2.648670	1.236978	386.3012	2.405290	14.06143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.7579	4.911246	4.833625	4.744215	4.659681	4.800395	5.283984
Stddev	.1925	.007515	.005147	.014026	.005655	.012968	.017143
%RSD	.1227952	.1530100	.1064923	.2956507	.1213604	.2701543	.3244402

#1	156.6533	4.902583	4.832778	4.743242	4.653226	4.813448	5.265328
#2	156.9801	4.915145	4.828953	4.730701	4.662054	4.787512	5.287580
#3	156.6404	4.916009	4.839143	4.758703	4.663763	4.800226	5.299044

Sample Name: CCV090 Acquired: 02/08/2019 13:34:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.921628	4.990256	4.843684
Stddev	.014849	.005056	.004276
%RSD	.3017118	.1013199	.0882830

#1	4.920187	4.985738	4.848619
#2	4.937145	4.989313	4.841349
#3	4.907552	4.995717	4.841084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.108	1640.449	34622.52	3299.701	2384.538
Stddev	5.420	6.132	54.47	7.333	7.362
%RSD	.3542211	.3737864	.1573313	.2222250	.3087377

#1	1524.500	1640.251	34571.90	3291.392	2390.590
#2	1530.507	1646.678	34615.51	3302.444	2386.682
#3	1535.318	1634.419	34680.16	3305.267	2376.342

Sample Name: CCB090 Acquired: 02/08/2019 13:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026390	.0006823	.0007337	.0035240	-.000073	-.003159	-.001825
Stddev	.0004684	.0019221	.0013110	.0006702	.000911	.007040	.000595
%RSD	17.74801	281.7058	178.6781	19.01802	1246.550	222.8457	32.62890

#1	.0021737	.0021841	.0014197	.0031128	-.000426	.003941	-.002193
#2	.0026330	.0013467	.0015594	.0042974	-.000755	-.010139	-.001138
#3	.0031104	-.001484	-.000778	.0031619	.000962	-.003280	-.002143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	.0000309	-.005095	-.000015	-.000225	-.001231	-.006575
Stddev	.000022	.0000709	.007314	.000409	.000018	.009048	.014158
%RSD	34.36369	229.8706	143.5334	2804.893	8.005151	735.1889	215.3289

#1	-.000040	.0001126	-.012742	.000287	-.000211	.009210	-.001617
#2	-.000082	-.000005	-.004377	.000149	-.000246	-.006765	-.022546
#3	-.000070	-.000015	.001833	-.000480	-.000220	-.006137	.004437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014740	.0135433	-.000299	.0010005	-.213691	-.005241	.0039301
Stddev	.0019848	.0297056	.000408	.0008020	.349130	.003488	.0106183
%RSD	134.6580	219.3374	136.3907	80.16501	163.3809	66.55761	270.1767

#1	.0007977	.0466084	-.000765	.0014502	-.433287	-.007992	-.005004
#2	-.000084	.0049133	-.000130	.0014767	-.396681	-.001318	.001125
#3	.003709	-.010892	-.000003	.0000745	.188895	-.006413	.015669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1423934	-.004562	.0081458	.0001968	-.000065	-.001982	-.000375
Stddev	.0122497	.003103	.0004356	.0003432	.006541	.001101	.000509
%RSD	8.602714	68.01931	5.348192	174.3893	10017.08	55.55392	135.8046

#1	.1339858	-.001149	.0085544	-.000006	.006087	-.002925	-.000790
#2	.1564481	-.007213	.0076874	.000593	.000652	-.002250	-.000529
#3	.1367464	-.005323	.0081955	.000003	-.006935	-.000772	.000193

Sample Name: CCB090 Acquired: 02/08/2019 13:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000006	.0003529	-.000166
Stddev	.001120	.0001447	.000053
%RSD	19163.37	41.00092	31.62648

#1	-.001212	.0005112	-.000172
#2	.000195	.0003202	-.000111
#3	.001000	.0002274	-.000216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.504	1950.661	36210.77	3413.642	2973.686
Stddev	11.405	11.695	113.92	26.446	21.368
%RSD	.6636472	.5995582	.3145963	.7747051	.7185757

#1	1717.939	1937.814	36158.78	3383.150	2950.154
#2	1730.182	1960.691	36341.40	3430.325	2991.877
#3	1707.393	1953.477	36132.11	3427.450	2979.026

Sample Name: K1328-09 Acquired: 02/08/2019 13:42:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569214	-.002963	.3087921	-.015592	.0007615	73.91858	.8849824
Stddev	.0044846	.001762	.0061501	.000624	.0016832	.38730	.0023621
%RSD	7.878667	59.47258	1.991651	3.999545	221.0359	.5239571	.2669084

#1	.0520468	-.000928	.3017061	-.015131	-.000462	73.59050	.8863916
#2	.0578450	-.003967	.3127399	-.016302	.000065	74.34582	.8863003
#3	.0608723	-.003995	.3119304	-.015343	.002681	73.81942	.8822554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074570	.2742485	20.36665	.2010963	.0738252	.0732687	153.9921
Stddev	.0001113	.0043479	.07821	.0010911	.0011576	.0056737	1.4185
%RSD	1.492844	1.585401	.3840023	.5425833	1.567998	7.743629	.9211612

#1	.0073637	.2694169	20.34703	.2023144	.0725423	.0674065	152.4588
#2	.0075802	.2754824	20.45279	.2007661	.0741420	.0736667	155.2576
#3	.0074270	.2778461	20.30011	.2002085	.0747915	.0787329	154.2600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.322729	4.168833	.1464027	-.011249	.0584920	.3748941	24.39484
Stddev	.013824	.076749	.0024590	.000286	.3347188	.0049069	.15451
%RSD	1.045092	1.841009	1.679603	2.542839	572.2469	1.308875	.6333863

#1	1.308187	4.130262	.1436837	-.011311	-.101475	.3700804	24.21650
#2	1.335701	4.257217	.1470536	-.011499	.443180	.3747126	24.48865
#3	1.324300	4.119021	.1484707	-.010937	-.166229	.3798892	24.47937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.811025	1.318825	.1272444	.0054477	2.271897	1.898861	.0045031
Stddev	.077172	.019489	.0041133	.0001602	.035319	.016801	.0006113
%RSD	2.745345	1.477756	3.232604	2.940078	1.554616	.8848054	13.57559

#1	2.882740	1.296515	.1235525	.0053111	2.234154	1.882371	.0043038
#2	2.820975	1.327423	.1316782	.0054081	2.277388	1.915958	.0040164
#3	2.729361	1.332536	.1265026	.0056240	2.304150	1.898254	.0051893

Sample Name: K1328-09 Acquired: 02/08/2019 13:42:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1243841	.0340216	.0775403
Stddev	.0046972	.0007729	.0002143
%RSD	3.776399	2.271851	.2763023

#1	.1222340	.0332428	.0772964
#2	.1297715	.0340335	.0776264
#3	.1211467	.0347885	.0776981

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.738	2226.674	42793.43	4061.205	2939.638
Stddev	6.186	22.255	81.20	5.776	37.539
%RSD	.3084180	.9994883	.1897427	.1422337	1.276990

#1	2007.119	2252.354	42734.24	4059.778	2982.671
#2	1998.978	2213.009	42885.99	4056.276	2922.621
#3	2011.117	2214.657	42760.05	4067.561	2913.620

Sample Name: K1328-10 Acquired: 02/08/2019 13:46:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844948	-.001691	.3354035	-.038748	.0070786	73.63129	1.041447
Stddev	.0028727	.003010	.0013671	.003744	.0004169	.30665	.003696
%RSD	3.399896	177.9875	.4075909	9.662239	5.889836	.4164650	.3549384

#1	.0820887	.001243	.3367003	-.034716	.0066014	73.97947	1.043315
#2	.0837204	-.001545	.3355345	-.042115	.0072625	73.51301	1.043836
#3	.0876754	-.004771	.3339756	-.039413	.0073720	73.40140	1.037189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098758	.1242853	19.71344	.4784066	.2052366	.0357542	335.4982
Stddev	.0001831	.0006283	.07897	.0005879	.0007591	.0011641	1.6105
%RSD	1.853487	.5055519	.4006145	.1228865	.3698686	3.255687	.4800287

#1	.0099903	.1239937	19.79088	.4785089	.2053109	.0344429	337.3350
#2	.0099725	.1238557	19.71642	.4789366	.2044431	.0361544	334.3279
#3	.0096647	.1250064	19.63302	.4777743	.2059559	.0366654	334.8317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.858836	4.008586	.0825172	-.026295	-.760583	.5348348	4.817905
Stddev	.075098	.085845	.0002578	.000177	.213870	.0104645	.064591
%RSD	.8477232	2.141526	.3123944	.6749847	28.11922	1.956583	1.340655

#1	8.944567	4.068631	.0822519	-.026230	-.815472	.5406223	4.818795
#2	8.804680	4.046866	.0825328	-.026495	-.941660	.5411272	4.752873
#3	8.827263	3.910260	.0827668	-.026158	-.524618	.5227550	4.882046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121850	2.018934	.2666167	.0075545	.7437689	2.618816	.0057385
Stddev	.145006	.013920	.0029697	.0004157	.0065315	.017414	.0004103
%RSD	4.644878	.6894548	1.113835	5.502581	.8781695	.6649428	7.149682

#1	3.282930	2.015704	.2690057	.0071524	.7511721	2.619899	.0052786
#2	3.001730	2.006913	.2632918	.0075287	.7388201	2.635662	.0058699
#3	3.080889	2.034185	.2675524	.0079825	.7413145	2.600886	.0060670

Sample Name: K1328-10 Acquired: 02/08/2019 13:46:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4005140	.0239682	.0332059
Stddev	.0039000	.0006972	.0000953
%RSD	.9737418	2.908668	.2871224

#1	.3961476	.0247111	.0332298
#2	.4036516	.0233283	.0331009
#3	.4017428	.0238650	.0332870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.109	2110.939	40575.24	3838.810	2928.115
Stddev	.710	6.346	95.67	19.051	7.081
%RSD	.0375287	.3006121	.2357819	.4962685	.2418118

#1	1890.609	2112.269	40564.53	3819.542	2929.673
#2	1890.797	2116.515	40675.81	3839.254	2934.287
#3	1891.922	2104.034	40485.38	3857.635	2920.386

Sample Name: K1328-11 Acquired: 02/08/2019 13:50:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380207	-.002885	.3093201	-.010992	.0021563	48.15753	.9815806
Stddev	.0034398	.002767	.0027838	.002659	.0009094	.15927	.0031528
%RSD	9.047250	95.90947	.8999831	24.18878	42.17464	.3307306	.3211999

#1	.0398971	-.000207	.3070684	-.009814	.0012346	47.97401	.9804863
#2	.0401142	-.002714	.3084593	-.009125	.0030529	48.25964	.9791206
#3	.0340507	-.005733	.3124327	-.014036	.0021814	48.23895	.9851347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046222	.0111056	15.13868	.1448284	.0375987	.0442084	113.5953
Stddev	.0000278	.0000604	.03892	.0001641	.0001234	.0039993	.5274
%RSD	.6016016	.5435419	.2571046	.1132923	.3281955	9.046460	.4643151

#1	.0046480	.0110403	15.09879	.1449435	.0374914	.0456329	113.0958
#2	.0046257	.0111594	15.17656	.1446406	.0375712	.0473003	114.1468
#3	.0045928	.0111170	15.14068	.1449013	.0377335	.0396918	113.5432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.510143	4.095107	.0368535	-.007972	-.333464	.2561601	1.243170
Stddev	.001459	.055111	.0003946	.000509	.037972	.0036026	.039654
%RSD	.0415598	1.345767	1.070656	6.389092	11.38713	1.406391	3.189724

#1	3.511385	4.043305	.0372327	-.007488	-.374577	.2603128	1.288863
#2	3.510506	4.088998	.0364451	-.007925	-.326104	.2542968	1.222885
#3	3.508536	4.153018	.0368825	-.008504	-.299711	.2538708	1.217763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.452199	1.579029	.0936501	.0032192	1.283375	2.658291	.0026662
Stddev	.052661	.011633	.0016425	.0001261	.010343	.016623	.0005759
%RSD	1.182815	.7367427	1.753850	3.917250	.8059387	.6253313	21.59851

#1	4.423930	1.567484	.0945158	.0031292	1.279595	2.640023	.0026503
#2	4.419708	1.578854	.0946786	.0031651	1.275454	2.662321	.0032499
#3	4.512958	1.590749	.0917559	.0033634	1.295077	2.672528	.0020985

Sample Name: K1328-11 Acquired: 02/08/2019 13:50:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3029475	.0145778	.0673417
Stddev	.0012446	.0010976	.0001040
%RSD	.4108159	7.529451	.1543836

#1	.3017551	.0152257	.0672298
#2	.3042383	.0133105	.0674353
#3	.3028491	.0151972	.0673601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.416	2101.742	40087.88	3810.743	2986.558
Stddev	10.196	6.194	101.11	16.087	5.187
%RSD	.5407584	.2946953	.2522302	.4221484	.1736929

#1	1875.425	2103.880	40052.06	3829.089	2991.166
#2	1885.020	2106.583	40009.55	3804.088	2987.567
#3	1895.804	2094.762	40202.02	3799.051	2980.940

Sample Name: K1328-13 Acquired: 02/08/2019 13:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1497402	-.005169	.3405799	-.075934	.0169388	145.0002	.8380013
Stddev	.0014264	.002564	.0014837	.003162	.0011611	.2250	.0016644
%RSD	.9525721	49.59510	.4356448	4.163714	6.854705	.1551533	.1986192

#1	.1497247	-.002239	.3403951	-.073544	.0161536	144.7450	.8361845
#2	.1483216	-.006273	.3391973	-.079519	.0163902	145.1700	.8394525
#3	.1511742	-.006997	.3421474	-.074739	.0182725	145.0855	.8383670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163194	.0626662	26.21800	.4884089	.0922987	.0923228	576.5990
Stddev	.0000524	.0002564	.05704	.0004027	.0005922	.0026117	.7397
%RSD	.3212302	.4091336	.2175562	.0824481	.6416368	2.828894	.1282895

#1	.0163786	.0626491	26.15698	.4882607	.0925626	.0894325	576.1497
#2	.0162789	.0624187	26.22705	.4881012	.0916204	.0930226	576.1946
#3	.0163006	.0629307	26.26997	.4888646	.0927130	.0945133	577.4528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.621897	8.188441	.1430259	-.047996	-.905326	.7189003	9.949041
Stddev	.006178	.022025	.0008780	.000465	.227188	.0044689	.077096
%RSD	.3808998	.2689760	.6138627	.9695400	25.09461	.6216254	.7749042

#1	1.614781	8.163047	.1424472	-.047919	-.661716	.7154424	10.01673
#2	1.625024	8.202333	.1425943	-.047575	-1.11142	.7239463	9.96527
#3	1.625887	8.199945	.1440361	-.048496	-.94284	.7173121	9.86512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.654858	2.619777	.4122945	.0128755	2.240637	1.955696	.0108983
Stddev	.051108	.003633	.0097409	.0003650	.012908	.007220	.0017976
%RSD	.9037844	.1386777	2.362604	2.834507	.5761008	.3691954	16.49407

#1	5.643338	2.615914	.4188521	.0127280	2.231775	1.955532	.0089350
#2	5.610493	2.620294	.4011016	.0132911	2.234689	1.962997	.0124633
#3	5.710742	2.623124	.4169298	.0126073	2.255447	1.948559	.0112967

Sample Name: K1328-13 Acquired: 02/08/2019 13:58:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3264609	.0356092	.1028970
Stddev	.0066204	.0007573	.0001204
%RSD	2.027918	2.126748	.1169597

#1	.3223871	.0356797	.1030319
#2	.3340998	.0363288	.1028006
#3	.3228958	.0348191	.1028586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.863	2153.763	41555.17	3931.083	2867.416
Stddev	6.836	3.830	69.22	7.292	3.976
%RSD	.3525694	.1778229	.1665766	.1855024	.1386579

#1	1942.175	2157.708	41484.27	3928.682	2867.842
#2	1931.002	2153.520	41558.67	3939.274	2871.161
#3	1943.411	2150.060	41622.57	3925.295	2863.244

Sample Name: K1328-12 Acquired: 02/08/2019 13:54:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383492	-.003347	.3887926	-.011009	.0014635	46.09733	.8286042
Stddev	.0053087	.001489	.0028670	.001515	.0033765	.10835	.0012851
%RSD	13.84301	44.49067	.7374100	13.76326	230.7095	.2350456	.1550931

#1	.0443363	-.001629	.3866074	-.009336	.0038605	46.05380	.8282089
#2	.0364953	-.004258	.3877316	-.012289	-.002398	46.01751	.8275632
#3	.0342162	-.004155	.3920389	-.011402	.002928	46.22067	.8300405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048407	.0140996	15.23309	.1350169	.0393105	.0406443	127.1670
Stddev	.0000445	.0001961	.04627	.0007225	.0004913	.0027573	.4473
%RSD	.9188506	1.390663	.3037220	.5351052	1.249732	6.783943	.3517510

#1	.0048188	.0141506	15.22190	.1344159	.0387509	.0435150	127.0597
#2	.0048919	.0138830	15.19344	.1348164	.0396710	.0380166	126.7831
#3	.0048114	.0142651	15.28392	.1358185	.0395094	.0404012	127.6582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.458310	3.795474	.0369758	-.009557	-.160316	.2804613	1.550094
Stddev	.020275	.029652	.0007049	.000236	.153487	.0071915	.030106
%RSD	.5862694	.7812433	1.906240	2.469450	95.74061	2.564187	1.942180

#1	3.443481	3.775289	.0364008	-.009393	-.108573	.2779371	1.549164
#2	3.450035	3.781615	.0367645	-.009451	-.332988	.2748721	1.520464
#3	3.481414	3.829517	.0377622	-.009828	-.039386	.2885746	1.580654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.482583	1.602428	.1060780	.0035567	1.293945	2.471036	.0036703
Stddev	.067799	.007982	.0009886	.0000936	.005790	.003877	.0006370
%RSD	1.512506	.4981181	.9319238	2.631555	.4475069	.1569105	17.35576

#1	4.546176	1.593261	.1069354	.0035692	1.298873	2.471702	.0042023
#2	4.411243	1.606186	.1049967	.0036434	1.287567	2.474538	.0038441
#3	4.490330	1.607838	.1063018	.0034575	1.295395	2.466869	.0029644

Sample Name: K1328-12 Acquired: 02/08/2019 13:54:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2753680	.0117575	.0649491
Stddev	.0005749	.0012666	.0001908
%RSD	.2087627	10.77241	.2937567

#1	.2760309	.0104980	.0648294
#2	.2750074	.0117434	.0648487
#3	.2750657	.0130311	.0651691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.169	2067.385	39208.15	3728.376	2945.338
Stddev	5.248	10.464	93.65	8.846	12.226
%RSD	.2830154	.5061405	.2388551	.2372681	.4151040

#1	1853.236	2071.415	39314.05	3731.986	2955.910
#2	1859.821	2075.235	39136.22	3734.846	2948.155
#3	1849.450	2055.506	39174.20	3718.295	2931.949

Sample Name: K1328-17 Acquired: 02/08/2019 14:02:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902928	-.005928	.8859935	-.022525	.0013620	131.9409
Stddev	.0030847	.001186	.0015720	.003056	.0012660	.4488
%RSD	3.416279	20.00541	.1774260	13.56557	92.95536	.3401256

#1	.0885739	-.007251	.8845465	-.023473	.0024284	132.4585
#2	.0938539	-.004962	.8857679	-.024993	-.000037	131.7040
#3	.0884506	-.005570	.8876661	-.019107	.001695	131.6603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823373	.0123705	1.444381	33.10691	.1698500	.0568266
Stddev	.0013240	.0001434	.006744	.07707	.0005198	.0007208
%RSD	.1692308	1.159039	.4669322	.2327819	.3060266	1.268504

#1	.7838629	.0125031	1.441652	33.19392	.1692994	.0570117
#2	.7814903	.0122183	1.439429	33.07955	.1703321	.0560312
#3	.7816585	.0123902	1.452062	33.04725	.1699186	.0574368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0978394	204.7886	.3435698	8.049256	.2326487	-.015830
Stddev	.0037898	1.5141	.0034672	.034005	.0019664	.000475
%RSD	3.873524	.7393658	1.009168	.4224635	.8452324	3.001464

#1	.1014361	206.5324	.3472513	8.010072	.2307936	-.015283
#2	.0938822	203.8071	.3403666	8.066657	.2324424	-.016133
#3	.0982001	204.0263	.3430915	8.071039	.2347102	-.016075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.308745	.4065866	F 49.41775	6.838148	2.007138	.1439249
Stddev	.229779	.0021387	.25174	.035469	.002017	.0020197
%RSD	74.42359	.5260179	.5094186	.5186964	.1004888	1.403318

#1	-.293445	.4085429	49.70127	6.845834	2.005384	.1450777
#2	-.086998	.4069138	49.22043	6.799466	2.006688	.1451043
#3	-.545792	.4043032	49.33155	6.869144	2.009342	.1415928

Sample Name: K1328-17 Acquired: 02/08/2019 14:02:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065510	1.678865	1.455241	.0084343	.1303538	.0613941
Stddev	.0002901	.012127	.013831	.0014344	.0020455	.0004533
%RSD	4.427835	.7223521	.9504521	17.00637	1.569162	.7383946
#1	.0062477	1.674909	1.470736	.0069595	.1303240	.0613003
#2	.0068258	1.669209	1.444142	.0098245	.1324141	.0609950
#3	.0065794	1.692476	1.450845	.0085189	.1283235	.0618870

Elem	Sr4077
Units	ppm
Avg	.0541293
Stddev	.0002043
%RSD	.3773969
#1	.0540483
#2	.0543616
#3	.0539779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.499	2502.925	48030.90	4555.713	2888.676
Stddev	10.843	3.868	46.32	25.352	11.588
%RSD	.4833297	.1545512	.0964331	.5564945	.4011671
#1	2231.271	2506.005	47987.20	4530.657	2888.331
#2	2251.945	2504.187	48079.45	4581.351	2900.433
#3	2247.283	2498.584	48026.05	4555.132	2877.264

Sample Name: K1328-18 Acquired: 02/08/2019 14:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749021	-.007476	.8280303	-.024313	-.000903	148.2073
Stddev	.0021932	.002000	.0064476	.001590	.002282	.2345
%RSD	2.928122	26.75288	.7786716	6.537864	252.8066	.1582447

#1	.0736531	-.005239	.8301335	-.025419	-.003458	148.2341
#2	.0774346	-.009091	.8207937	-.022491	.000930	148.4272
#3	.0736187	-.008097	.8331637	-.025028	-.000179	147.9605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9429941	.0123461	1.580629	36.88309	.1726366	.0651449
Stddev	.0027432	.0000751	.005889	.09593	.0014332	.0003295
%RSD	.2909074	.6086573	.3725862	.2600898	.8301623	.5058069

#1	.9433481	.0124322	1.577282	36.78521	.1740964	.0650986
#2	.9455431	.0122941	1.577175	36.97694	.1712317	.0648410
#3	.9400910	.0123118	1.587429	36.88712	.1725817	.0654952

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1178432	195.7789	.4178539	8.768638	.2606468	-.014963
Stddev	.0041793	.5966	.0037004	.186632	.0020110	.000190
%RSD	3.546502	.3047397	.8855821	2.128408	.7715461	1.270381

#1	.1214722	195.1146	.4201777	8.586749	.2601914	-.015144
#2	.1132738	196.2692	.4135867	8.759489	.2589025	-.014765
#3	.1187835	195.9527	.4197974	8.959677	.2628464	-.014979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148433	.3857681	F 57.45443	7.527785	1.985402	.1425123
Stddev	.073971	.0049486	1.01940	.049589	.008605	.0041648
%RSD	49.83426	1.282802	1.774279	.6587528	.4334226	2.922429

#1	-.233677	.3800938	56.72765	7.473032	1.978205	.1381009
#2	-.110481	.3880211	57.01594	7.540647	1.983068	.1430596
#3	-.101142	.3891893	58.61971	7.569676	1.994933	.1463764

Sample Name: K1328-18 Acquired: 02/08/2019 14:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057123	2.535873	2.244984	.0078103	.1518476	.0661751
Stddev	.0001187	.002461	.014483	.0002259	.0022881	.0016869
%RSD	2.078064	.0970658	.6451471	2.892876	1.506813	2.549139
#1	.0055757	2.533174	2.253226	.0078964	.1533237	.0661518
#2	.0057706	2.537993	2.253467	.0079806	.1530073	.0678735
#3	.0057906	2.536453	2.228261	.0075540	.1492119	.0645000

Elem	Sr4077
Units	ppm
Avg	.0611263
Stddev	.0001339
%RSD	.2190266
#1	.0609811
#2	.0611531
#3	.0612448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.913	2458.467	47070.99	4496.236	2866.301
Stddev	23.665	1.665	332.89	24.286	5.858
%RSD	1.072324	.0677158	.7071999	.5401364	.2043680
#1	2210.774	2460.388	47206.67	4473.696	2870.931
#2	2228.411	2457.458	47314.62	4493.058	2868.256
#3	2181.555	2457.554	46691.70	4521.955	2859.715

Sample Name: K1330-01 Acquired: 02/08/2019 14:26:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFFJ5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845549	-.004823	.3225743	-.032855	.0066179	164.9152	1.589523
Stddev	.0038973	.003870	.0030426	.001414	.0008096	.4688	.002121
%RSD	4.609150	80.23063	.9432141	4.303729	12.23334	.2842385	.1334117

#1	.0882626	-.004669	.3191543	-.034044	.0060208	164.3923	1.589460
#2	.0849096	-.008767	.3235879	-.031292	.0062936	165.2977	1.587435
#3	.0804923	-.001033	.3249807	-.033231	.0075394	165.0557	1.591674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130034	.0235190	37.82538	.2295861	.0568011	.1070854	266.2268
Stddev	.0000821	.0000253	.08611	.0009786	.0005590	.0062131	1.0148
%RSD	.6315506	.1073530	.2276474	.4262568	.9841559	5.801996	.3811910

#1	.0129524	.0235464	37.76807	.2285488	.0564205	.1118140	265.0658
#2	.0130982	.0235138	37.78366	.2304930	.0565399	.1000485	266.6696
#3	.0129597	.0234967	37.92440	.2297164	.0574429	.1093935	266.9450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016879	8.656496	.1178497	-.020876	-.494195	.4743682	2.909974
Stddev	.010521	.079032	.0005567	.000207	.234738	.0036267	.018663
%RSD	1.034589	.9129808	.4723729	.9927634	47.49905	.7645363	.6413598

#1	1.005647	8.616270	.1178123	-.020991	-.672582	.4713549	2.908252
#2	1.026503	8.747549	.1173127	-.020637	-.228266	.4733564	2.929439
#3	1.018487	8.605669	.1184242	-.021000	-.581738	.4783934	2.892232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.147796	1.583401	.1811709	.0083182	1.494753	3.588531	.0099930
Stddev	.010960	.012555	.0022653	.0001718	.005477	.014983	.0008720
%RSD	.1782808	.7929000	1.250384	2.065408	.3663982	.4175292	8.726562

#1	6.154456	1.572290	.1804416	.0082130	1.495375	3.571641	.0092326
#2	6.153786	1.580894	.1793600	.0082252	1.488991	3.593729	.0098015
#3	6.135146	1.597021	.1837110	.0085165	1.499892	3.600223	.0109449

Sample Name: K1330-01 Acquired: 02/08/2019 14:26:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2104806	.0469508	.1241796
Stddev	.0038192	.0009468	.0002609
%RSD	1.814512	2.016624	.2101248

#1	.2086281	.0472324	.1238841
#2	.2148728	.0477249	.1243784
#3	.2079410	.0458951	.1242763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.381	2318.772	44397.38	4220.054	2909.227
Stddev	8.564	8.760	115.03	11.972	16.549
%RSD	.4112823	.3777800	.2590849	.2836961	.5688542

#1	2073.711	2328.254	44498.98	4233.549	2926.797
#2	2082.594	2317.083	44272.49	4210.711	2906.948
#3	2090.836	2310.980	44420.67	4215.900	2893.934

Sample Name: K1328-22 Acquired: 02/08/2019 14:22:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519241	-.001745	.1946604	-.042360	.0082338	138.7831	.7782800
Stddev	.0017375	.001349	.0023639	.005442	.0009877	.5220	.0024632
%RSD	3.346154	77.31159	1.214378	12.84601	11.99564	.3761045	.3164898

#1	.0499407	-.000298	.1971175	-.041259	.0082890	138.1918	.7805665
#2	.0526544	-.001969	.1924022	-.037553	.0072196	139.1799	.7786017
#3	.0531772	-.002967	.1944614	-.048267	.0091927	138.9777	.7756717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135125	.0099061	21.11679	.2573493	.0628273	.0797975	347.2334
Stddev	.0001632	.0001881	.06441	.0013792	.0007085	.0080371	3.1699
%RSD	1.207407	1.898986	.3050297	.5359419	1.127772	10.07184	.9129068

#1	.0135002	.0100280	21.06260	.2566092	.0621553	.0889936	343.6576
#2	.0133558	.0096894	21.18800	.2564982	.0627591	.0762807	348.3444
#3	.0136814	.0100009	21.09978	.2589407	.0635675	.0741183	349.6983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6632120	5.973374	.1185897	-.027763	-.592225	.4216813	3.217141
Stddev	.0088196	.104186	.0004463	.000618	.333813	.0028904	.035247
%RSD	1.329835	1.744172	.3763705	2.226214	56.36586	.6854472	1.095599

#1	.6531313	5.878978	.1183068	-.027924	-.753201	.4217822	3.221152
#2	.6695051	5.955983	.1183580	-.028285	-.815046	.4187417	3.250211
#3	.6669997	6.085161	.1191042	-.027081	-.208429	.4245199	3.180060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.271164	1.709498	.2400629	.0054334	2.743327	2.268142	.0088795
Stddev	.068897	.010417	.0025312	.0000836	.004617	.020391	.0009927
%RSD	1.307059	.6093383	1.054396	1.538846	.1682963	.8990297	11.17982

#1	5.201493	1.704551	.2405460	.0055167	2.740188	2.246717	.0077999
#2	5.339261	1.702478	.2423178	.0053495	2.748628	2.270397	.0090855
#3	5.272737	1.721467	.2373250	.0054340	2.741165	2.287312	.0097530

Sample Name: K1328-22 Acquired: 02/08/2019 14:22:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2085399	.0391087	.0761797
Stddev	.0036597	.0010493	.0001367
%RSD	1.754930	2.683128	.1795085

#1	.2104392	.0389855	.0763272
#2	.2108594	.0381265	.0761548
#3	.2043209	.0402143	.0760571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.801	2150.304	41102.46	3909.159	2890.591
Stddev	16.531	7.158	214.38	17.781	11.643
%RSD	.8570438	.3328905	.5215749	.4548587	.4028033

#1	1924.550	2156.215	41040.66	3929.555	2900.144
#2	1914.811	2152.351	40925.77	3901.004	2894.007
#3	1947.042	2142.345	41340.95	3896.918	2877.621

Sample Name: K1330-03 Acquired: 02/08/2019 14:34:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAJF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608178	-.006244	.4467296	-.030346	.0041030	126.5011	1.117947
Stddev	.0021137	.003470	.0022133	.002029	.0018422	.4772	.004535
%RSD	3.475482	55.57565	.4954533	6.687489	44.90024	.3772226	.4056553

#1	.0590748	-.002243	.4447608	-.030636	.0052300	126.6506	1.117053
#2	.0602096	-.008429	.4491253	-.032215	.0019770	126.8857	1.122863
#3	.0631689	-.008060	.4463026	-.028187	.0051018	125.9671	1.113926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129513	.0557490	36.11732	.1834870	.0626586	.1065302	222.8320
Stddev	.0000583	.0004246	.16996	.0021679	.0005341	.0033854	1.0934
%RSD	.4500727	.7615996	.4705651	1.181500	.8524633	3.177897	.4906649

#1	.0129673	.0553460	36.19388	.1810237	.0622854	.1046236	223.2829
#2	.0128867	.0557087	36.23553	.1851046	.0624200	.1045281	223.6278
#3	.0130000	.0561923	35.92255	.1843327	.0632705	.1104390	221.5853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8911309	5.980194	.0895387	-.017365	-.380986	.3424979	4.804223
Stddev	.0053506	.082934	.0002685	.000558	.133233	.0091781	.018777
%RSD	.6004263	1.386805	.2999103	3.214999	34.97062	2.679749	.3908443

#1	.8955006	5.886195	.0893940	-.017247	-.533588	.3507158	4.786230
#2	.8927286	6.043042	.0893736	-.017973	-.287788	.3325936	4.823696
#3	.8851634	6.011344	.0898486	-.016875	-.321582	.3441843	4.802741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.740960	1.390460	.1475365	.0039165	1.713449	2.363096	.0087638
Stddev	.041431	.008131	.0054323	.0003909	.015326	.005408	.0011467
%RSD	.8738944	.5847995	3.681996	9.981489	.8944404	.2288654	13.08445

#1	4.693218	1.384621	.1501870	.0036662	1.704177	2.361105	.0100646
#2	4.767489	1.387011	.1511347	.0037163	1.705030	2.369218	.0078995
#3	4.762173	1.399747	.1412877	.0043670	1.731139	2.358966	.0083272

Sample Name: K1330-03 Acquired: 02/08/2019 14:34:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1243682	.0241931	.1035712
Stddev	.0035650	.0023687	.0003171
%RSD	2.866505	9.790862	.3061918

#1	.1202517	.0222489	.1037351
#2	.1264382	.0268313	.1037727
#3	.1264148	.0234992	.1032056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.262	2424.279	46324.38	4374.324	2913.615
Stddev	4.713	5.594	329.44	16.166	7.612
%RSD	.2160648	.2307664	.7111560	.3695544	.2612624

#1	2186.441	2421.454	46699.42	4359.519	2915.189
#2	2177.226	2430.723	46192.00	4371.882	2920.317
#3	2180.117	2420.661	46081.73	4391.572	2905.339

Sample Name: K1330-02 Acquired: 02/08/2019 14:30:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAJF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955216	-.001267	12.30262	-.019742	.0034794	38.20521
Stddev	.0031919	.001926	.05208	.001569	.0004422	.10217
%RSD	3.341559	151.9945	.4233259	7.949616	12.70976	.2674144

#1	.0919415	.000934	12.25498	-.021553	.0039657	38.13264
#2	.0965529	-.002094	12.29465	-.018780	.0033710	38.16095
#3	.0980704	-.002643	12.35823	-.018893	.0031014	38.32205

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4396601	.0072916	.4498235	46.93164	.1370255	.0748145
Stddev	.0011028	.0001282	.0017953	.12604	.0002168	.0005973
%RSD	.2508235	1.757470	.3990999	.2685608	.1581803	.7984394

#1	.4395300	.0072273	.4485048	46.81971	.1372738	.0744993
#2	.4408222	.0074392	.4490977	47.06817	.1368745	.0755035
#3	.4386282	.0072084	.4518680	46.90705	.1369281	.0744408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6750895	224.2401	2.100692	4.130885	.1428416	-.016885
Stddev	.0071272	1.5335	.010922	.027764	.0010185	.000559
%RSD	1.055738	.6838760	.5199221	.6720999	.7130366	3.309504

#1	.6669600	223.0184	2.094317	4.099603	.1417599	-.017068
#2	.6802636	223.7410	2.094455	4.140454	.1429827	-.017330
#3	.6780447	225.9611	2.113303	4.152599	.1437822	-.016258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276750	.2473175	F 43.30904	1.639202	2.492703	.1596944
Stddev	.265345	.0035943	.32343	.060846	.016189	.0015419
%RSD	95.87884	1.453312	.7468049	3.711955	.6494719	.9655387

#1	.029227	.2442309	43.63287	1.625469	2.479170	.1597419
#2	-.415899	.2464581	42.98600	1.586395	2.488301	.1581293
#3	-.443579	.2512636	43.30825	1.705741	2.510638	.1612120

Sample Name: K1330-02 Acquired: 02/08/2019 14:30:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109215	20.64117	2.241414	.0045085	.1315004	.0077590
Stddev	.0001866	.09262	.024117	.0005338	.0024054	.0020230
%RSD	1.708698	.4487172	1.075958	11.83952	1.829180	26.07283
#1	.0108490	20.54665	2.217740	.0045927	.1295414	.0056477
#2	.0111335	20.64511	2.265950	.0039377	.1341851	.0096803
#3	.0107821	20.73176	2.240550	.0049953	.1307748	.0079490

Elem	Sr4077
Units	ppm
Avg	.0540798
Stddev	.0000719
%RSD	.1328854
#1	.0540175
#2	.0540636
#3	.0541584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.758	2120.478	40727.62	3853.661	2917.348
Stddev	7.251	10.082	89.24	19.740	7.658
%RSD	.3804551	.4754476	.2191253	.5122393	.2624849
#1	1897.537	2127.976	40626.42	3876.449	2921.173
#2	1911.239	2124.440	40795.06	3842.716	2922.339
#3	1908.499	2109.017	40761.39	3841.818	2908.531

Sample Name: K1330-05 Acquired: 02/08/2019 14:42:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0883635	-.005212	20.31128	-.007438	-.002478	12.90294
Stddev	.0034392	.000495	.09682	.001739	.002031	.02717
%RSD	3.892132	9.487504	.4766688	23.37495	81.94790	.2105662

#1	.0909886	-.004683	20.25522	-.008161	-.001053	12.87330
#2	.0844703	-.005663	20.25553	-.005455	-.004804	12.90885
#3	.0896316	-.005291	20.42307	-.008699	-.001579	12.92666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1486433	.0043323	.1571824	21.16585	.0865335	.0209478
Stddev	.0009051	.0000398	.0006947	.12129	.0021403	.0002170
%RSD	.6088924	.9195423	.4419527	.5730680	2.473406	1.035807

#1	.1483166	.0042964	.1565075	21.07286	.0848963	.0208767
#2	.1496664	.0043751	.1571444	21.30305	.0889555	.0207752
#3	.1479469	.0043252	.1578953	21.12164	.0857488	.0211913

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.909986	113.0565	.2085891	.9385234	.1261402	-.006959
Stddev	.006237	.3053	.0011819	.0235045	.0003178	.000181
%RSD	.3265353	.2700388	.5666043	2.504407	.2519443	2.595045

#1	1.904802	112.8280	.2096761	.9600988	.1259220	-.006938
#2	1.916907	112.9382	.2087603	.9134762	.1259937	-.006790
#3	1.908250	113.4032	.2073310	.9419952	.1265048	-.007149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155026	.0815132	F 133.5104	4.715308	13.55530	.0901183
Stddev	.1636955	.0011541	1.5649	.014477	.07918	.0002456
%RSD	141.7245	1.415893	1.172132	.3070172	.5841524	.2724916

#1	.2065877	.0807965	133.2565	4.714247	13.52901	.0902296
#2	.2133960	.0828445	135.1867	4.730286	13.49261	.0898368
#3	-.073476	.0808984	132.0879	4.701390	13.64429	.0902886

Sample Name: K1330-05 Acquired: 02/08/2019 14:42:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052031	38.96995	5.970257	.0135455	.0601037	-.002071
Stddev	.0003264	.21815	.036938	.0005642	.0048322	.000881
%RSD	6.272898	.5598017	.6187007	4.165044	8.039828	42.52767
#1	.0048441	38.76351	5.928173	.0141957	.0573479	-.003067
#2	.0054819	38.94815	5.997308	.0132543	.0572799	-.001396
#3	.0052833	39.19819	5.985289	.0131864	.0656833	-.001749

Elem	Sr4077
Units	ppm
Avg	.0397115
Stddev	.0000279
%RSD	.0702631
#1	.0397017
#2	.0397429
#3	.0396898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.510	2561.557	48698.23	4632.578	2933.772
Stddev	32.963	11.485	743.92	26.196	17.769
%RSD	1.447323	.4483590	1.527605	.5654719	.6056567
#1	2299.701	2563.961	49160.10	4657.729	2941.504
#2	2239.633	2571.649	47840.06	4634.554	2946.365
#3	2293.195	2549.060	49094.52	4605.449	2913.447

Sample Name: K1330-04 Acquired: 02/08/2019 14:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAJF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796283	-.005762	19.29914	-.004528	-.002439	12.67224
Stddev	.0026691	.001957	.08635	.002380	.000621	.05713
%RSD	3.351912	33.96901	.4474229	52.57437	25.44686	.4507952

#1	.0766493	-.006065	19.30493	-.002784	-.001911	12.69519
#2	.0818020	-.003671	19.21004	-.003560	-.003123	12.71433
#3	.0804335	-.007549	19.38244	-.007240	-.002283	12.60721

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971542	.0046389	.1765735	24.25569	.0933462	.0227559
Stddev	.0002014	.0000299	.0005260	.10865	.0001570	.0001164
%RSD	.2073414	.6442969	.2979056	.4479456	.1682025	.5115577

#1	.0973225	.0046372	.1770773	24.33579	.0934926	.0226315
#2	.0969310	.0046696	.1760278	24.29927	.0933655	.0227740
#3	.0972092	.0046099	.1766154	24.13201	.0931804	.0228622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.510272	108.8381	.2669550	.9982430	.1355823	-.006265
Stddev	.013029	.4760	.0029428	.0199507	.0005232	.000129
%RSD	.5190106	.4373828	1.102374	1.998581	.3858926	2.058372

#1	2.524103	108.5670	.2636677	.9753358	.1356099	-.006330
#2	2.498231	109.3878	.2678536	1.007581	.1350459	-.006347
#3	2.508481	108.5596	.2693439	1.011812	.1360912	-.006116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.110839	.0792557	F 101.5775	5.288766	15.81661	.0904159
Stddev	.193059	.0030086	.2263	.038727	.07792	.0010120
%RSD	174.1796	3.796113	.2227626	.7322491	.4926677	1.119218

#1	-.278630	.0808117	101.5749	5.277618	15.82317	.0894744
#2	-.154051	.0811677	101.3526	5.256835	15.73561	.0914860
#3	.100164	.0757877	101.8051	5.331844	15.89105	.0902871

Sample Name: K1330-04 Acquired: 02/08/2019 14:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044572	35.54344	5.089776	.0100840	.0442286	-.002399
Stddev	.0002976	.14479	.030837	.0007689	.0013645	.000994
%RSD	6.676779	.4073552	.6058522	7.624923	3.085059	41.44013

#1	.0047084	35.59371	5.091480	.0108521	.0454707	-.001290
#2	.0045347	35.38022	5.119725	.0100856	.0444470	-.002697
#3	.0041285	35.65640	5.058123	.0093143	.0427681	-.003211

Elem	Sr4077
Units	ppm
Avg	.0431087
Stddev	.0002355
%RSD	.5461705

#1	.0433223
#2	.0428562
#3	.0431474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.165	2659.688	50946.75	4819.908	2930.366
Stddev	3.791	6.755	88.45	17.671	9.496
%RSD	.1591592	.2539671	.1736188	.3666192	.3240658

#1	2386.253	2651.910	51044.76	4833.650	2922.344
#2	2378.763	2664.077	50872.86	4799.975	2940.851
#3	2381.481	2663.078	50922.63	4826.100	2927.903

Sample Name: K1330-07 Acquired: 02/08/2019 14:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0410668	-.003428	.3986309	-.011986	.0034002	32.51620	.8447113
Stddev	.0012461	.001852	.0125863	.000821	.0003978	.05779	.0021614
%RSD	3.034321	54.02385	3.157387	6.848187	11.69915	.1777116	.2558720

#1	.0422412	-.001586	.3923955	-.011057	.0029411	32.56590	.8466477
#2	.0411995	-.003408	.4131176	-.012288	.0036398	32.52990	.8451066
#3	.0397596	-.005290	.3903795	-.012613	.0036199	32.45279	.8423795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061734	.0838410	9.903325	.0981279	.1374366	.0375386	102.8159
Stddev	.0000904	.0023464	.023618	.0008486	.0039171	.0036020	.4541
%RSD	1.463632	2.798591	.2384807	.8647341	2.850142	9.595367	.4416699

#1	.0062011	.0822649	9.929357	.0971492	.1350307	.0382545	103.3068
#2	.0060725	.0865376	9.883270	.0985774	.1419565	.0336325	102.4108
#3	.0062467	.0827206	9.897350	.0986572	.1353225	.0407289	102.7302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876905	2.218815	.0366165	-.006296	-.271828	.2667240	4.934546
Stddev	.021406	.031221	.0011884	.000313	.035947	.0097941	.051133
%RSD	.4389181	1.407096	3.245607	4.978447	13.22433	3.671977	1.036225

#1	4.887791	2.251763	.0355979	-.006564	-.312553	.2753582	4.875886
#2	4.852244	2.189670	.0379222	-.005951	-.244516	.2687325	4.958058
#3	4.890679	2.215012	.0363295	-.006372	-.258415	.2560815	4.969694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.970050	1.172721	.0741718	.0027857	1.804746	2.235079	.0023879
Stddev	.046819	.028373	.0032785	.0001950	.045504	.019901	.0004534
%RSD	2.376555	2.419426	4.420134	6.999328	2.521344	.8904078	18.98712

#1	2.001529	1.154703	.0760955	.0029795	1.774872	2.249278	.0018667
#2	1.992373	1.205427	.0703863	.0025895	1.857116	2.243627	.0026063
#3	1.916247	1.158032	.0760337	.0027881	1.782249	2.212331	.0026908

Sample Name: K1330-07 Acquired: 02/08/2019 14:50:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1463716	.0106588	.0335273
Stddev	.0008476	.0012707	.0001417
%RSD	.5790503	11.92137	.4226849

#1	.1471398	.0120705	.0336760
#2	.1454624	.0096068	.0335124
#3	.1465125	.0102989	.0333937

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.957	2199.229	41948.97	3981.885	2923.885
Stddev	5.379	46.519	148.01	8.379	68.747
%RSD	.2734746	2.115247	.3528273	.2104264	2.351216

#1	1968.239	2222.442	42119.56	3973.326	2966.597
#2	1961.053	2145.672	41854.76	3982.257	2844.582
#3	1971.580	2229.574	41872.58	3990.072	2960.477

Sample Name: K1330-06 Acquired: 02/08/2019 14:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0705341	-.002959	3.690399	-.025780	-.000084	67.47997
Stddev	.0023015	.002466	.017084	.003725	.000414	.13615
%RSD	3.262918	83.36106	.4629277	14.44968	492.1444	.2017637

#1	.0704598	-.001090	3.684757	-.022973	.000181	67.53941
#2	.0682707	-.005754	3.676850	-.030006	-.000562	67.32421
#3	.0728719	-.002031	3.709590	-.024360	.000128	67.57630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7895553	.0080867	.3609139	39.02887	.1686685	.0918950
Stddev	.0026796	.0000095	.0014459	.06249	.0001839	.0009906
%RSD	.3393802	.1173415	.4006207	.1601104	.1090044	1.077960

#1	.7908597	.0080759	.3596710	38.95805	.1687059	.0917995
#2	.7864733	.0080900	.3605700	39.05231	.1684688	.0909556
#3	.7913331	.0080940	.3625007	39.07624	.1688307	.0929299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2609220	207.0194	4.816306	9.215104	.0965672	-.014968
Stddev	.0080595	.8049	.019185	.068556	.0002392	.000164
%RSD	3.088857	.3887877	.3983293	.7439543	.2476966	1.093254

#1	.2690467	207.8993	4.836194	9.223407	.0965909	-.015144
#2	.2529293	206.3203	4.814812	9.279131	.0967937	-.014939
#3	.2607898	206.8387	4.797912	9.142775	.0963171	-.014821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.171132	.3593472	F 39.08491	3.638653	1.840603	.1395243
Stddev	.144502	.0030197	.42400	.042736	.011176	.0029566
%RSD	84.43877	.8403413	1.084812	1.174496	.6072190	2.119083

#1	-.148993	.3614654	39.44684	3.669868	1.830091	.1429375
#2	-.038978	.3558894	38.61841	3.656146	1.839374	.1378833
#3	-.325426	.3606868	39.18950	3.589947	1.852343	.1377521

Sample Name: K1330-06 Acquired: 02/08/2019 14:46:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK0 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053371	14.09431	2.438465	.0092708	.2056914	.0196796
Stddev	.0004131	.06956	.009055	.0010392	.0031300	.0014047
%RSD	7.739678	.4935083	.3713588	11.20897	1.521718	7.137779
#1	.0057600	14.04473	2.428308	.0089252	.2084168	.0207193
#2	.0053167	14.06438	2.445695	.0084484	.2022729	.0180816
#3	.0049346	14.17383	2.441392	.0104387	.2063845	.0202378

Elem	Sr4077
Units	ppm
Avg	.0707336
Stddev	.0002189
%RSD	.3093988
#1	.0704893
#2	.0708000
#3	.0709116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.099	2185.026	41761.16	3973.407	2911.357
Stddev	17.917	7.887	210.23	1.557	8.053
%RSD	.9145485	.3609679	.5034101	.0391813	.2765993
#1	1944.038	2185.731	41589.96	3975.145	2914.950
#2	1978.913	2192.537	41995.81	3972.937	2916.988
#3	1954.346	2176.810	41697.73	3972.139	2902.133

Sample Name: K1330-09 Acquired: 02/08/2019 14:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902517	-.005020	.3630884	-.022434	.0038920	82.43608	.9405933
Stddev	.0020374	.000731	.0052453	.001608	.0007156	.14206	.0020049
%RSD	2.257470	14.56553	1.444639	7.168037	18.38701	.1723220	.2131554

#1	.0909893	-.004216	.3589900	-.023513	.0046685	82.59920	.9428157
#2	.0918175	-.005644	.3612756	-.023203	.0037484	82.36944	.9400441
#3	.0879482	-.005201	.3689997	-.020586	.0032590	82.33959	.9389203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100146	.0076393	23.31593	.2221961	.2443714	.0527616	223.7228
Stddev	.0001385	.0000643	.03663	.0012414	.0013852	.0042308	.8116
%RSD	1.382528	.8421091	.1570853	.5586943	.5668407	8.018652	.3627805

#1	.0098564	.0076723	23.34050	.2215861	.2449815	.0552768	224.6579
#2	.0100735	.0076805	23.27384	.2236245	.2427859	.0478771	223.3091
#3	.0101138	.0075652	23.33347	.2213778	.2453469	.0551311	223.2014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.89195	5.165827	.0969335	-.015278	-.480112	.4866461	.7321844
Stddev	.06237	.032440	.0002507	.000438	.155202	.0029348	.0139109
%RSD	.4489666	.6279701	.2586022	2.865977	32.32611	.6030602	1.899916

#1	13.95075	5.197699	.0971922	-.015707	-.657588	.4840794	.7421354
#2	13.89857	5.166934	.0966918	-.014831	-.369825	.4860132	.7162889
#3	13.82654	5.132848	.0969164	-.015296	-.412925	.4898456	.7381288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.146081	1.434923	.1466570	.0061265	.8779335	2.011666	.0049934
Stddev	.057127	.007550	.0045044	.0001904	.0032924	.007982	.0010587
%RSD	1.377845	.5261877	3.071368	3.107360	.3750201	.3967854	21.20138

#1	4.155188	1.433829	.1517917	.0061334	.8775757	2.010120	.0056998
#2	4.084948	1.427979	.1433715	.0059328	.8748346	2.020308	.0055042
#3	4.198107	1.442961	.1448078	.0063134	.8813902	2.004571	.0037762

Sample Name: K1330-09 Acquired: 02/08/2019 14:58:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2597436	.0276703	.0691328
Stddev	.0039282	.0017709	.0002389
%RSD	1.512333	6.399940	.3456074

#1	.2585086	.0295272	.0692737
#2	.2641409	.0260003	.0688570
#3	.2565814	.0274835	.0692679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.642	2192.754	41676.63	3917.719	2918.521
Stddev	7.492	3.152	125.91	14.946	6.405
%RSD	.3803925	.1437497	.3021147	.3815015	.2194720

#1	1973.071	2196.390	41777.25	3930.664	2923.050
#2	1974.805	2191.064	41535.43	3921.132	2921.320
#3	1961.048	2190.807	41717.20	3901.362	2911.192

Sample Name: K1330-08 Acquired: 02/08/2019 14:54:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624735	-.001927	.2175087	-.021571	.0050908	44.91162	.6542615
Stddev	.0015395	.001249	.0009994	.000641	.0005209	.06000	.0030084
%RSD	2.464238	64.84206	.4594771	2.970214	10.23178	.1335928	.4598171

#1	.0639002	-.003337	.2181370	-.022035	.0044910	44.89566	.6534179
#2	.0626786	-.001483	.2163563	-.020840	.0054294	44.97799	.6517649
#3	.0608418	-.000960	.2180329	-.021838	.0053520	44.86122	.6576016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065793	.0384729	18.03255	.2309943	.0284491	.0443511	212.1331
Stddev	.0001371	.0001767	.02586	.0003487	.0000466	.0033825	1.7146
%RSD	2.084319	.4592308	.1433918	.1509542	.1639224	7.626637	.8082728

#1	.0067362	.0382872	18.03703	.2307748	.0283983	.0480245	212.4736
#2	.0064826	.0384927	18.00475	.2308119	.0284589	.0413651	213.6519
#3	.0065190	.0386389	18.05588	.2313964	.0284900	.0436638	210.2738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000622	2.956097	.0671120	-.016291	-.528990	.4181081	5.233006
Stddev	.007385	.032120	.0004772	.000198	.147092	.0117901	.018458
%RSD	.7380524	1.086561	.7110032	1.212505	27.80619	2.819866	.3527292

#1	1.000444	2.977896	.0672083	-.016087	-.539756	.4132999	5.215990
#2	1.008094	2.919211	.0665940	-.016481	-.376810	.4094819	5.252629
#3	.993327	2.971183	.0675337	-.016306	-.670402	.4315425	5.230399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.760597	2.539155	.1543601	.0050126	1.353926	2.360166	.0022056
Stddev	.036864	.006398	.0060675	.0003167	.007871	.007836	.0008225
%RSD	.9802828	.2519659	3.930739	6.319030	.5813817	.3319957	37.29193

#1	3.752005	2.534909	.1532542	.0048356	1.346499	2.368960	.0020768
#2	3.800998	2.536043	.1609045	.0053783	1.353100	2.353925	.0014551
#3	3.728787	2.546514	.1489217	.0048239	1.362177	2.357615	.0030849

Sample Name: K1330-08 Acquired: 02/08/2019 14:54:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2348953	.0099437	.0349569
Stddev	.0019199	.0001367	.0001727
%RSD	.8173451	1.374612	.4941186

#1	.2367290	.0098446	.0347720
#2	.2328995	.0100996	.0351141
#3	.2350575	.0098868	.0349845

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.213	2078.545	39599.06	3775.761	2922.509
Stddev	7.448	9.040	8.63	11.740	10.103
%RSD	.4027835	.4349083	.0217909	.3109423	.3456909

#1	1840.637	2076.133	39589.84	3762.206	2922.393
#2	1852.934	2088.546	39600.42	3782.415	2932.670
#3	1854.067	2070.955	39606.94	3782.664	2912.465

Sample Name: CCV091 Acquired: 02/08/2019 15:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829603	5.101469	25.91361	F 4.469436	5.062535	397.6211
Stddev	.018103	.023798	.14220	.014270	.023557	1.2713
%RSD	.3748428	.4664854	.5487609	.3192751	.4653286	.3197252

#1	4.833776	5.126204	26.06878	4.478246	5.076922	396.2054
#2	4.809778	5.078735	25.78952	4.452972	5.035349	398.6651
#3	4.845256	5.099469	25.88253	4.477090	5.075335	397.9929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15535	.4706032	2.425301	407.3409	15.00425	2.391581
Stddev	.03038	.0001780	.011442	.6316	.00505	.012534
%RSD	.2991142	.0378335	.4717901	.1550495	.0336317	.5240896

#1	10.18877	.4703985	2.438137	408.0432	14.99852	2.404092
#2	10.14787	.4706899	2.416173	407.1600	15.00619	2.379024
#3	10.12942	.4707214	2.421592	406.8195	15.00804	2.391626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.76479	383.7008	14.23921	374.9662	2.668061	1.224449
Stddev	.03467	4.3452	.13704	4.1119	.011861	.001335
%RSD	.2199358	1.132436	.9624179	1.096613	.4445405	.1089899

#1	15.73134	378.7130	14.08121	370.2183	2.681284	1.225988
#2	15.80057	385.7241	14.32579	377.3617	2.658362	1.223755
#3	15.76246	386.6654	14.31062	377.3187	2.664537	1.223605

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	384.9968	2.414937	13.98875	156.9216	4.937865	F 4.455138
Stddev	1.1994	.027345	.21537	.5308	.012662	.013050
%RSD	.3115227	1.132316	1.539575	.3382446	.2564192	.2929258

#1	383.6151	2.388327	13.79179	156.3868	4.948933	4.446453
#2	385.7682	2.442961	13.95574	157.4483	4.924058	4.448816
#3	385.6072	2.413521	14.21871	156.9297	4.940603	4.470145

Sample Name: CCV091 Acquired: 02/08/2019 15:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.579664	4.509524	4.688662	5.275447	4.819584	4.935943
Stddev	.014065	.041990	.000869	.027949	.022231	.009840
%RSD	.3071183	.9311480	.0185375	.5297995	.4612537	.1993571
#1	4.584759	4.557990	4.688849	5.294180	4.794317	4.945897
#2	4.563762	4.486510	4.689421	5.243322	4.836137	4.935711
#3	4.590472	4.484072	4.687714	5.288839	4.828300	4.926221

Elem	Sr4077
Units	ppm
Avg	4.621530
Stddev	.007875
%RSD	.1704051
#1	4.630432
#2	4.615472
#3	4.618686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.530	1631.417	34678.25	3317.263	2338.342
Stddev	6.891	4.434	156.12	3.353	10.100
%RSD	.4510971	.2717712	.4501826	.1010635	.4319432
#1	1534.631	1628.100	34809.28	3321.122	2326.938
#2	1520.871	1636.453	34505.52	3315.069	2346.163
#3	1527.087	1629.699	34719.94	3315.599	2341.923

Sample Name: CCB091 Acquired: 02/08/2019 15:21:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030974	-.001611	.0035094	.0047255	-.000263	.0274966
Stddev	.0007860	.000763	.0017982	.0027114	.001075	.0045514
%RSD	25.37719	47.36824	51.23853	57.37771	408.7539	16.55253

#1	.0021905	-.002465	.0035368	.0073602	.000531	.0319973
#2	.0035196	-.000997	.0016977	.0019434	-.001486	.0228962
#3	.0035821	-.001371	.0052937	.0048729	.000166	.0275962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003241	-.000016	.0001927	.0120427	.0012019	.0000385
Stddev	.000869	.000055	.0000300	.0092059	.0002727	.0003094
%RSD	26.81412	345.3903	15.55530	76.44389	22.69275	804.0465

#1	-.003723	-.000079	.0002057	.0053755	.0012279	-.000190
#2	-.003763	.000020	.0001584	.0225464	.0014608	-.000086
#3	-.002238	.000012	.0002139	.0082062	.0009171	.000391

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011202	.0601229	.0024856	.0453694	-.000079	.0016345
Stddev	.0094160	.0176277	.0009110	.0542032	.000269	.0003161
%RSD	840.5598	29.31950	36.65097	119.4708	340.1993	19.33731

#1	.0018602	.0796447	.0035364	.1047784	-.000201	.0019567
#2	.0101443	.0553531	.0020023	-.001391	.000229	.0013250
#3	-.008644	.0453708	.0019180	.032721	-.000265	.0016217

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.233187	-.005948	.0029637	.2969980	-.004237	F .0135792
Stddev	.409987	.005007	.0128998	.0605054	.004532	.0006716
%RSD	175.8193	84.17097	435.2637	20.37232	106.9797	4.945770

#1	-.010989	-.000177	.0017929	.2331776	-.003932	.0140723
#2	.017737	-.008542	-.009311	.3535276	.000136	.0138511
#3	-.706309	-.009125	.016409	.3042887	-.008914	.0128143

Sample Name: CCB091 Acquired: 02/08/2019 15:21:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004216	-.001552	-.001272	-.000320	.0017561	.0023645
Stddev	.0000925	.001728	.001847	.000344	.0004953	.0017838
%RSD	21.93416	111.3792	145.1697	107.5835	28.20658	75.44064

#1	.0003207	-.003533	-.002251	.000023	.0022936	.0020251
#2	.0004420	-.000353	-.002424	-.000665	.0016567	.0042935
#3	.0005022	-.000769	.000858	-.000318	.0013181	.0007747

Elem	Sr4077
Units	ppm
Avg	.0001721
Stddev	.0000250
%RSD	14.53525

#1	.0001805
#2	.0001918
#3	.0001439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.993	1922.375	36295.15	3409.000	2881.569
Stddev	4.665	5.983	126.52	64.426	13.091
%RSD	.2718539	.3112265	.3485765	1.889879	.4542941

#1	1716.283	1926.534	36245.02	3366.725	2884.038
#2	1711.190	1925.072	36201.38	3377.125	2893.250
#3	1720.506	1915.518	36439.04	3483.150	2867.420

Sample Name: K1330-10 Acquired: 02/08/2019 15:25:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1191877	-.004083	29.08033	-.011442	.0022743	46.74735
Stddev	.0057665	.001580	.11055	.001285	.0010680	.03576
%RSD	4.838179	38.69739	.3801411	11.23259	46.95896	.0764922

#1	.1233023	-.005858	29.02050	-.010504	.0021102	46.70679
#2	.1125966	-.003560	29.01258	-.012907	.0012979	46.77432
#3	.1216641	-.002831	29.20789	-.010915	.0034149	46.76093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5720060	.0088761	.1559884	24.40351	.1265406	.0549700
Stddev	.0017906	.0000523	.0006472	.03841	.0003893	.0004250
%RSD	.3130315	.5895818	.4149124	.1573918	.3076524	.7730708

#1	.5740543	.0089068	.1557968	24.36005	.1261175	.0549622
#2	.5707382	.0089057	.1554586	24.41761	.1266207	.0545490
#3	.5712254	.0088156	.1567098	24.43288	.1268836	.0553988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.220971	200.3341	2.039875	2.232594	.1302173	-.013106
Stddev	.001916	1.0192	.006618	.007756	.0006856	.000351
%RSD	.1569376	.5087466	.3244142	.3473931	.5265145	2.674451

#1	1.222183	200.5203	2.042784	2.234738	.1306102	-.012734
#2	1.221969	201.2474	2.044540	2.239053	.1294256	-.013431
#3	1.218762	199.2347	2.032302	2.223992	.1306160	-.013153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7763030	.1730621	F 32.92265	7.168471	9.223424	.1423085
Stddev	.1680715	.0072871	.13800	.039105	.035413	.0055191
%RSD	21.65025	4.210667	.4191773	.5455085	.3839442	3.878251

#1	.5844642	.1647619	32.76424	7.130004	9.219601	.1483690
#2	.8976476	.1784087	32.98684	7.208183	9.190078	.1409850
#3	.8467972	.1760155	33.01687	7.167226	9.260593	.1375715

Sample Name: K1330-10 Acquired: 02/08/2019 15:25:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079607	15.71044	2.108834	.0130790	.0832008	.0170212
Stddev	.0000287	.06620	.015771	.0015011	.0035597	.0001958
%RSD	.3600873	.4213502	.7478327	11.47735	4.278451	1.150476
#1	.0079510	15.74493	2.090658	.0147065	.0863995	.0170815
#2	.0079929	15.63412	2.116967	.0127816	.0838369	.0171797
#3	.0079381	15.75228	2.118879	.0117488	.0793659	.0168023

Elem	Sr4077
Units	ppm
Avg	.1136414
Stddev	.0000634
%RSD	.0557637
#1	.1136143
#2	.1135960
#3	.1137138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.027	2411.037	46185.74	4369.363	2909.060
Stddev	14.659	5.960	96.37	13.643	9.203
%RSD	.6786676	.2472151	.2086496	.3122396	.3163577
#1	2175.159	2411.177	46268.36	4383.966	2914.345
#2	2159.030	2416.926	46079.88	4367.180	2914.401
#3	2145.892	2405.008	46208.99	4356.944	2898.433

Sample Name: K1330-11 Acquired: 02/08/2019 15:29:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1815988	-.002179	.4657828	-.039537	.0102787	87.26761	1.073787
Stddev	.0067823	.002472	.0018790	.000629	.0006254	.24072	.003254
%RSD	3.734762	113.4612	.4034044	1.590894	6.084077	.2758402	.3030324

#1	.1878624	.000491	.4675080	-.039699	.0100052	86.98996	1.070196
#2	.1825381	-.002638	.4660597	-.040069	.0109942	87.41788	1.074623
#3	.1743958	-.004390	.4637808	-.038843	.0098367	87.39498	1.076541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124484	.0759125	22.40092	.5657938	.1159233	.0553014	363.6235
Stddev	.0000876	.0001436	.08213	.0014540	.0004730	.0046729	.2982
%RSD	.7034547	.1892082	.3666331	.2569751	.4080719	8.449853	.0820035

#1	.0124191	.0760321	22.31180	.5651766	.1161389	.0517098	363.4237
#2	.0125469	.0757532	22.41742	.5647502	.1153809	.0536100	363.9662
#3	.0123792	.0759521	22.47355	.5674545	.1162502	.0605845	363.4805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275764	3.932603	.0924075	-.027774	-.613504	.8536039	14.77321
Stddev	.012257	.033802	.0009420	.000493	.196477	.0055612	.11851
%RSD	.9607612	.8595413	1.019413	1.775443	32.02537	.6514937	.8022294

#1	1.261926	3.901755	.0913410	-.027317	-.825864	.8484544	14.88016
#2	1.280110	3.927318	.0927555	-.027707	-.576469	.8528563	14.64580
#3	1.285256	3.968737	.0931260	-.028297	-.438181	.8595011	14.79366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.091968	2.056009	.2327541	.0123909	1.011231	2.248197	.0074028
Stddev	.085420	.008010	.0009260	.0002413	.002404	.003697	.0001461
%RSD	2.762634	.3895665	.3978678	1.947602	.2376949	.1644485	1.973801

#1	3.057747	2.065089	.2317042	.0124322	1.010382	2.244008	.0075032
#2	3.028965	2.052992	.2334544	.0126090	1.013943	2.251004	.0072352
#3	3.189192	2.049947	.2331038	.0121317	1.009366	2.249579	.0074702

Sample Name: K1330-11 Acquired: 02/08/2019 15:29:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3248247	.0244237	.0409391
Stddev	.0014388	.0008506	.0002425
%RSD	.4429522	3.482654	.5922318

#1	.3231634	.0234839	.0411950
#2	.3256410	.0251408	.0407128
#3	.3256698	.0246464	.0409095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.793	2130.059	40480.85	3839.968	2886.784
Stddev	5.848	7.318	159.77	7.762	4.233
%RSD	.3081451	.3435528	.3946722	.2021260	.1466502

#1	1891.040	2121.759	40321.18	3848.800	2883.198
#2	1901.242	2135.581	40640.71	3834.233	2891.454
#3	1901.095	2132.838	40480.65	3836.872	2885.698

Sample Name: CCV094 Acquired: 02/08/2019 19:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.759461	4.938152	25.42016	F 4.369976	4.870357	393.1076
Stddev	.034205	.012448	.06071	.027867	.016086	11.3116
%RSD	.7186728	.2520850	.2388085	.6376893	.3302906	2.877478

#1	4.747325	4.931905	25.41155	4.355865	4.875272	380.1293
#2	4.732978	4.930064	25.36422	4.351986	4.852387	400.8714
#3	4.798079	4.952487	25.48471	4.402076	4.883413	398.3221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.674905	.5053340	2.470530	388.3285	15.06902	2.448721
Stddev	.271937	.0098002	.009618	10.1080	.01846	.013333
%RSD	2.810748	1.939357	.3893292	2.602946	.1225344	.5444825

#1	9.361057	.4941124	2.465434	376.6659	15.08815	2.441303
#2	9.840444	.5122106	2.464531	394.5587	15.05130	2.440747
#3	9.823215	.5096788	2.481624	393.7609	15.06763	2.464113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.45032	402.8783	15.48159	405.6334	2.573587	1.158569
Stddev	.39632	10.9126	.43850	11.3637	.009491	.003334
%RSD	2.565126	2.708670	2.832406	2.801482	.3687860	.2877746

#1	14.99537	390.6438	15.00216	392.9187	2.575172	1.155700
#2	15.72066	411.6077	15.86234	414.7991	2.563404	1.157780
#3	15.63492	406.3833	15.58027	409.1826	2.582186	1.162227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.0197	2.528338	15.71277	154.8389	4.904437	4.953016
Stddev	11.9100	.079927	.07625	4.5196	.004828	.102373
%RSD	3.109490	3.161262	.4852692	2.918919	.0984417	2.066877

#1	369.3901	2.436065	15.62574	149.6273	4.899859	4.836471
#2	391.4232	2.576089	15.74475	157.6826	4.903970	5.028411
#3	388.2456	2.572860	15.76783	157.2067	4.909481	4.994165

Sample Name: CCV094 Acquired: 02/08/2019 19:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.633923	F 4.315224	4.959941	5.171565	4.943523	4.813469
Stddev	.022715	.003011	.098687	.008738	.144455	.147059
%RSD	.4901996	.0697862	1.989688	.1689644	2.922100	3.055160
#1	4.618310	4.312049	4.847343	5.167384	4.778157	4.644019
#2	4.623477	4.318039	5.031421	5.165703	5.045116	4.907758
#3	4.659982	4.315583	5.001058	5.181608	5.007297	4.888630

Elem	Sr4077
Units	ppm
Avg	4.640876
Stddev	.127754
%RSD	2.752790
#1	4.493407
#2	4.717890
#3	4.711330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.818	1692.644	36096.13	3308.988	2484.934
Stddev	7.353	6.081	113.41	74.315	5.490
%RSD	.4570636	.3592471	.3141818	2.245846	.2209413
#1	1617.290	1695.173	36213.27	3394.323	2483.448
#2	1605.068	1697.053	35986.87	3258.503	2491.015
#3	1604.096	1685.707	36088.25	3274.137	2480.341

Sample Name: K1330-12 Acquired: 02/08/2019 15:33:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777436	-.001475	1.522316	-.026458	.0034852	51.97994
Stddev	.0027113	.002175	.006329	.001797	.0013324	.11979
%RSD	3.487469	147.4866	.4157799	6.790840	38.23095	.2304497

#1	.0765058	-.000066	1.516910	-.027054	.0029853	52.01183
#2	.0758721	-.000379	1.520760	-.024439	.0024750	51.84743
#3	.0808528	-.003980	1.529279	-.027880	.0049953	52.08055

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.968413	.0083511	.4160466	27.72964	.1007708	.6408575
Stddev	.004999	.0000660	.0017530	.03486	.0007138	.0023316
%RSD	.1259639	.7899760	.4213366	.1256968	.7083457	.3638315

#1	3.965034	.0083320	.4149333	27.75657	.1002813	.6390792
#2	3.974155	.0082968	.4151392	27.69027	.1004413	.6399960
#3	3.966050	.0084245	.4180672	27.74208	.1015899	.6434973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1873066	196.9210	F 35.12636	3.581226	.2388697	-.008858
Stddev	.0027903	.7924	.15956	.020914	.0018051	.000217
%RSD	1.489691	.4024105	.4542385	.5839861	.7556879	2.444780

#1	.1855912	197.5702	35.20869	3.580174	.2378319	-.008643
#2	.1905262	196.0380	34.94246	3.560857	.2378232	-.008855
#3	.1858024	197.1547	35.22794	3.602645	.2409541	-.009076

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.396986	.4397478	22.06439	4.606976	2.033522	.1316296
Stddev	.099718	.0067790	.09838	.040002	.009189	.0009159
%RSD	25.11874	1.541572	.4458579	.8683004	.4518689	.6958138

#1	-.505564	.4411366	22.14843	4.616642	2.026809	.1310843
#2	-.375889	.4457249	22.08856	4.641261	2.029763	.1326870
#3	-.309505	.4323820	21.95619	4.563027	2.043994	.1311175

Sample Name: K1330-12 Acquired: 02/08/2019 15:33:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030140	3.213203	1.985482	.0071038	.1252268	.0315904
Stddev	.0005542	.013401	.020476	.0013851	.0017515	.0016404
%RSD	18.38821	.4170671	1.031263	19.49871	1.398655	5.192594
#1	.0035692	3.204426	1.974592	.0057528	.1238471	.0313472
#2	.0030121	3.206555	1.972754	.0070379	.1271973	.0333388
#3	.0024607	3.228629	2.009102	.0085207	.1246359	.0300852

Elem	Sr4077
Units	ppm
Avg	.0832277
Stddev	.0002183
%RSD	.2622754
#1	.0830071
#2	.0834436
#3	.0832324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.036	2303.082	44151.74	4129.196	2894.696
Stddev	9.630	5.464	3.48	6.793	11.067
%RSD	.4670181	.2372313	.0078816	.1645135	.3823170
#1	2057.514	2304.169	44150.40	4125.274	2900.192
#2	2055.500	2307.920	44149.13	4137.040	2901.938
#3	2073.095	2297.156	44155.69	4125.275	2881.956

Sample Name: K1330-14 Acquired: 02/08/2019 15:41:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885283	-.000540	.5790360	-.028478	.0029172	143.2057
Stddev	.0011558	.003187	.0081263	.003222	.0007249	.0131
%RSD	1.305556	590.0615	1.403424	11.31443	24.85005	.0091638

#1	.0896557	-.004219	.5848615	-.032111	.0024791	143.2003
#2	.0885831	.001252	.5697526	-.025967	.0025186	143.2207
#3	.0873460	.001348	.5824939	-.027356	.0037540	143.1961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.759092	.0126268	.2670872	37.53990	.2562173	.2197101
Stddev	.001178	.0000670	.0031195	.03435	.0087619	.0031891
%RSD	.0669764	.5307182	1.167984	.0915154	3.419726	1.451520

#1	1.760185	.0126004	.2685184	37.57838	.2619971	.2216265
#2	1.759248	.0125770	.2635089	37.51232	.2605188	.2160286
#3	1.757844	.0127030	.2692344	37.52899	.2461359	.2214751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292889	249.9649	3.662286	8.237407	.2255051	-.017501
Stddev	.0023730	.6912	.022266	.050103	.0029178	.000289
%RSD	1.835429	.2765270	.6079884	.6082348	1.293875	1.649987

#1	.1313119	249.1757	3.638984	8.230320	.2268535	-.017688
#2	.1266768	250.4628	3.664526	8.290676	.2221570	-.017647
#3	.1298779	250.2561	3.683347	8.191226	.2275048	-.017169

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332069	.4648241	F 38.34745	6.172263	1.407039	.1546637
Stddev	.104849	.0083206	1.02544	.039392	.023173	.0026792
%RSD	31.57446	1.790049	2.674080	.6382062	1.646965	1.732281

#1	-.214531	.4563447	38.70059	6.130168	1.412726	.1531176
#2	-.365697	.4729762	39.14965	6.208235	1.381552	.1577573
#3	-.415977	.4651514	37.19210	6.178386	1.426840	.1531160

Sample Name: K1330-14 Acquired: 02/08/2019 15:41:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063187	9.098824	2.126374	.0084839	.1939651	.0548065
Stddev	.0002607	.116424	.012966	.0025131	.0020783	.0006997
%RSD	4.126480	1.279547	.6097826	29.62166	1.071487	1.276655
#1	.0065122	9.165813	2.129449	.0103293	.1963605	.0540001
#2	.0060222	8.964390	2.112147	.0095006	.1928929	.0551668
#3	.0064216	9.166269	2.137526	.0056218	.1926419	.0552527

Elem	Sr4077
Units	ppm
Avg	.1035155
Stddev	.0002538
%RSD	.2451738
#1	.1035544
#2	.1032446
#3	.1037477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.184	2258.391	42773.88	4001.421	2915.048
Stddev	48.717	22.124	1067.60	16.640	33.661
%RSD	2.430784	.9796185	2.495925	.4158551	1.154716
#1	1980.484	2242.790	42245.14	4012.078	2898.251
#2	1971.851	2283.711	42073.83	4009.938	2953.802
#3	2060.217	2248.673	44002.67	3982.246	2893.092

Sample Name: K1330-13 Acquired: 02/08/2019 15:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0877935	-.001421	31.49701	-.022924	.1503485	20.71985
Stddev	.0038219	.001941	.07843	.001880	.0032136	.04836
%RSD	4.353321	136.6498	.2490013	8.201111	2.137420	.2333780

#1	.0895605	-.002799	31.41558	-.022537	.1470173	20.77393
#2	.0904121	-.002262	31.50340	-.024968	.1505982	20.68077
#3	.0834078	.000799	31.57204	-.021268	.1534299	20.70486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5961365	.0038123	2.212394	103.7498	.0556573	.0915600
Stddev	.0001923	.0000227	.004265	.1769	.0002601	.0002476
%RSD	.0322556	.5966215	.1927846	.1705474	.4672863	.2703749

#1	.5962154	.0038071	2.207964	103.5786	.0553925	.0918388
#2	.5959173	.0038372	2.212745	103.9320	.0556669	.0914750
#3	.5962768	.0037926	2.216473	103.7387	.0559124	.0913661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.858972	177.1897	2.336892	32.07460	.2674716	-.009568
Stddev	.008533	.6010	.019107	.18525	.0003741	.000320
%RSD	.4590002	.3391987	.8176424	.5775568	.1398483	3.349255

#1	1.849646	177.8289	2.354103	32.13063	.2671108	-.009500
#2	1.860880	176.6359	2.316331	31.86780	.2674462	-.009917
#3	1.866389	177.1043	2.340242	32.22536	.2678577	-.009288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.386277	.1003680	F 260.6411	1.039839	1.755592	.1126297
Stddev	.169746	.0015467	.5812	.043166	.008040	.0025812
%RSD	43.94404	1.541031	.2229773	4.151198	.4579524	2.291752

#1	-.491675	.0989818	260.9711	.991056	1.746483	.1152410
#2	-.190463	.1000858	260.9821	1.055369	1.758597	.1100797
#3	-.476694	.1020363	259.9700	1.073090	1.761697	.1125685

Sample Name: K1330-13 Acquired: 02/08/2019 15:37:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048595	98.75049	4.246457	1.156273	.2795916	.0051772
Stddev	.0001648	.06446	.015852	.003269	.0049802	.0001747
%RSD	3.391806	.0652790	.3733038	.2826926	1.781229	3.374700
#1	.0047779	98.68810	4.228230	1.152549	.2743171	.0051361
#2	.0047513	98.74651	4.257025	1.158669	.2802445	.0050267
#3	.0050492	98.81685	4.254116	1.157601	.2842131	.0053688

Elem	Sr4077
Units	ppm
Avg	.1151405
Stddev	.0001573
%RSD	.1365763
#1	.1150742
#2	.1153200
#3	.1150272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.825	2140.708	41552.47	3928.807	2828.815
Stddev	6.382	6.649	69.85	17.477	4.798
%RSD	.3301935	.3105943	.1681053	.4448305	.1696020
#1	1940.150	2145.560	41502.93	3943.663	2833.889
#2	1928.461	2143.434	41632.37	3933.207	2828.205
#3	1929.865	2133.129	41522.13	3909.551	2824.352

Sample Name: K1330-18 Acquired: 02/08/2019 15:45:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1008289	-.000002	.3310110	-.028237	.0082686	146.7915	1.180063
Stddev	.0025864	.000634	.0005353	.001559	.0004688	.4697	.002913
%RSD	2.565099	32011.56	.1617037	5.522282	5.670322	.3199503	.2468564

#1	.1012353	-.000105	.3314624	-.030036	.0077359	147.3316	1.182250
#2	.0980634	.000677	.3304197	-.027273	.0084513	146.4791	1.176756
#3	.1031880	-.000579	.3311510	-.027402	.0086186	146.5637	1.181183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111742	.0135013	33.26602	.2489215	.1159385	.0932537	272.3881
Stddev	.0001447	.0002589	.07916	.0006586	.0003222	.0025674	.6447
%RSD	1.295027	1.917855	.2379639	.2646022	.2778898	2.753174	.2366895

#1	.0112515	.0134900	33.35585	.2496764	.1161491	.0961732	273.0959
#2	.0112638	.0132482	33.23576	.2484639	.1160988	.0922399	272.2341
#3	.0110072	.0137657	33.20646	.2486243	.1155676	.0913479	271.8343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.657642	8.794310	.0990036	-.019137	-.164673	.5607355	3.984447
Stddev	.021321	.073473	.0002927	.000584	.137921	.0034220	.042305
%RSD	.5829252	.8354611	.2956750	3.053187	83.75489	.6102629	1.061750

#1	3.681935	8.739980	.0988419	-.019784	-.209549	.5637897	3.979695
#2	3.648958	8.765044	.0993416	-.018647	-.009902	.5570373	3.944719
#3	3.642034	8.877906	.0988275	-.018982	-.274567	.5613796	4.028928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.518107	1.527140	.1628477	.0082118	2.901968	2.290545	.0081861
Stddev	.021227	.009844	.0034241	.0003300	.006654	.011793	.0006291
%RSD	.3846757	.6446147	2.102624	4.018392	.2292763	.5148727	7.685319

#1	5.531542	1.523614	.1654147	.0085639	2.908054	2.302680	.0088237
#2	5.529144	1.519544	.1589600	.0081620	2.894864	2.289831	.0081689
#3	5.493636	1.538261	.1641685	.0079096	2.902986	2.279125	.0075658

Sample Name: K1330-18 Acquired: 02/08/2019 15:45:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2028811	.0373436	.1241981
Stddev	.0008844	.0014994	.0006142
%RSD	.4359241	4.015197	.4945246

#1	.2030308	.0372164	.1244357
#2	.2036811	.0359118	.1235005
#3	.2019314	.0389025	.1246579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.609	2111.274	40439.69	3808.741	2880.585
Stddev	7.517	4.673	194.96	21.347	4.218
%RSD	.3971571	.2213400	.4820951	.5604656	.1464298

#1	1895.738	2116.319	40619.46	3794.344	2880.437
#2	1898.057	2110.408	40467.15	3798.614	2884.875
#3	1884.034	2107.094	40232.46	3833.267	2876.442

Sample Name: K1330-20 Acquired: 02/08/2019 15:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637672	-.003921	.5278084	-.027337	.0064482	154.1549	1.407430
Stddev	.0022299	.002967	.0045475	.000537	.0002731	.2957	.000916
%RSD	3.496951	75.66578	.8615855	1.965830	4.235131	.1918174	.0650556

#1	.0658976	-.000556	.5256500	-.026833	.0067635	154.2001	1.406855
#2	.0639544	-.005049	.5247420	-.027277	.0062958	153.8392	1.406948
#3	.0614496	-.006160	.5330332	-.027902	.0062853	154.4253	1.408485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138432	.0403064	33.95654	.1518682	.1198437	.1138477	238.2588
Stddev	.0000258	.0003099	.03417	.0006410	.0008263	.0021425	.2089
%RSD	.1865018	.7688167	.1006267	.4220529	.6894431	1.881880	.0876932

#1	.0138483	.0402975	33.91771	.1513050	.1195036	.1163009	238.3167
#2	.0138661	.0400011	33.98201	.1525657	.1192418	.1123441	238.0271
#3	.0138152	.0406207	33.96991	.1517338	.1207858	.1128982	238.4328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.665276	10.11161	.1389192	-.017400	.1192816	.3110819	5.160764
Stddev	.003112	.15451	.0002478	.000343	.1576341	.0121517	.041185
%RSD	.1167466	1.528007	.1783697	1.969454	132.1529	3.906279	.7980460

#1	2.661694	10.20966	.1387073	-.017030	-.020955	.3064328	5.147202
#2	2.666820	9.93350	.1391916	-.017706	.088907	.3019411	5.128070
#3	2.667313	10.19167	.1388586	-.017466	.289893	.3248718	5.207020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.977151	1.189983	.1506880	.0041631	4.787217	2.001358	.0094515
Stddev	.072803	.005799	.0020494	.0001738	.019935	.012376	.0003505
%RSD	1.218020	.4872873	1.359993	4.174970	.4164305	.6183986	3.708548

#1	6.054385	1.188780	.1496363	.0042821	4.776593	1.995875	.0095290
#2	5.909787	1.184880	.1530497	.0042436	4.774843	1.992671	.0090688
#3	5.967280	1.196288	.1493781	.0039636	4.810214	2.015529	.0097568

Sample Name: K1330-20 Acquired: 02/08/2019 15:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1679376	.0438093	.1370483
Stddev	.0027050	.0010173	.0002122
%RSD	1.610726	2.322174	.1548363

#1	.1648426	.0427395	.1372842
#2	.1698498	.0447645	.1369878
#3	.1691204	.0439238	.1368730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.816	2376.225	45654.87	4332.139	2857.723
Stddev	6.002	4.605	136.95	9.630	4.339
%RSD	.2809960	.1938077	.2999660	.2222902	.1518452

#1	2129.692	2381.543	45644.54	4340.225	2860.062
#2	2141.687	2373.570	45523.38	4334.706	2860.391
#3	2136.069	2373.563	45796.69	4321.486	2852.716

Sample Name: K1330-19 Acquired: 02/08/2019 15:49:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1177151	-.001476	.8427635	-.027797	.0027384	66.38485
Stddev	.0035321	.003219	.0049495	.003798	.0012433	.19705
%RSD	3.000508	218.0372	.5872929	13.66480	45.40126	.2968289

#1	.1136683	.002213	.8371056	-.023412	.0013398	66.39677
#2	.1192996	-.002930	.8462914	-.029918	.0037182	66.18211
#3	.1201775	-.003712	.8448936	-.030061	.0031572	66.57567

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8562663	.0105656	.3719398	11.85709	.3933083	.0767460
Stddev	.0021295	.0001385	.0015417	.10274	.0005023	.0012684
%RSD	.2486998	1.310944	.4144885	.8664803	.1277011	1.652668

#1	.8575443	.0105788	.3706094	11.84521	.3927642	.0755870
#2	.8538079	.0104209	.3715807	11.76081	.3934063	.0765502
#3	.8574465	.0106970	.3736293	11.96525	.3937543	.0781009

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3161289	290.5852	1.735639	3.801705	.1109788	-.021238
Stddev	.0016366	1.4855	.009820	.048500	.0007594	.000412
%RSD	.5176895	.5112090	.5657896	1.275742	.6842309	1.940427

#1	.3166414	290.9506	1.729314	3.846978	.1117978	-.021630
#2	.3174479	288.9511	1.730651	3.807618	.1102981	-.021276
#3	.3142974	291.8538	1.746952	3.750520	.1108407	-.020809

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.449124	.5047523	F 37.67679	2.753932	2.622998	.1830198
Stddev	.243788	.0033104	.33923	.027080	.017954	.0033950
%RSD	54.28080	.6558418	.9003699	.9833297	.6844783	1.854996

#1	-.312742	.5085213	37.31729	2.766946	2.608266	.1793780
#2	-.730582	.5034195	37.99126	2.722802	2.617732	.1860974
#3	-.304049	.5023160	37.72182	2.772049	2.642996	.1835839

Sample Name: K1330-19 Acquired: 02/08/2019 15:49:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL1 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086104	4.907204	2.283850	.0067435	.3750464	.0169793
Stddev	.0003071	.032314	.037101	.0005252	.0024864	.0015861
%RSD	3.566345	.6585006	1.624513	7.788620	.6629607	9.341494
#1	.0085794	4.870846	2.304723	.0072928	.3727229	.0153969
#2	.0083201	4.918120	2.241013	.0066916	.3747476	.0185691
#3	.0089318	4.932646	2.305813	.0062462	.3776688	.0169718

Elem	Sr4077
Units	ppm
Avg	.0402338
Stddev	.0002122
%RSD	.5273355
#1	.0404170
#2	.0400013
#3	.0402830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.964	2154.707	41306.96	3862.249	2911.298
Stddev	15.284	13.588	192.70	17.591	17.550
%RSD	.7854418	.6306316	.4665089	.4554555	.6028311
#1	1957.087	2164.378	41508.50	3853.132	2924.591
#2	1928.536	2160.573	41124.53	3882.527	2917.899
#3	1952.271	2139.172	41287.85	3851.089	2891.405

Sample Name: K1330-22 Acquired: 02/08/2019 16:01:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFN7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732331	-.004619	1.112138	-.025543	.0027107	95.07568	1.130691
Stddev	.0022906	.002132	.005682	.002293	.0010242	.14620	.004168
%RSD	3.127828	46.15927	.5108926	8.977009	37.78408	.1537723	.3686061

#1	.0754664	-.004123	1.107904	-.024036	.0032154	95.18246	1.131691
#2	.0708892	-.006956	1.109916	-.028182	.0033847	95.13551	1.134269
#3	.0733436	-.002779	1.118596	-.024411	.0015321	94.90905	1.126115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099096	.1300650	27.02948	.2037659	.1476832	.1403888	223.9216
Stddev	.0000266	.0002456	.07828	.0007519	.0006767	.0037154	.2008
%RSD	.2680021	.1888474	.2895963	.3690214	.4582370	2.646515	.0896959

#1	.0099046	.1299873	27.04418	.2044355	.1471992	.1427861	224.0182
#2	.0099383	.1298675	27.09937	.2039099	.1473940	.1361089	223.6907
#3	.0098859	.1303400	26.94490	.2029524	.1484565	.1422714	224.0560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.211500	7.838098	.0988683	-.014893	-.475549	.4668021	16.44475
Stddev	.010119	.095645	.0004813	.000271	.061567	.0096360	.06081
%RSD	.1629081	1.220260	.4868070	1.820061	12.94653	2.064250	.3697710

#1	6.218890	7.766245	.0985643	-.014804	-.472522	.4776972	16.41385
#2	6.199967	7.946659	.0986175	-.015197	-.538574	.4593990	16.51480
#3	6.215643	7.801390	.0994232	-.014678	-.415552	.4633102	16.40558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.412780	1.870333	.1438502	.0051841	5.426733	1.960502	.0063053
Stddev	.046098	.008117	.0006089	.0003280	.007625	.009613	.0002600
%RSD	.8516432	.4339643	.4233129	6.327724	.1404997	.4903350	4.123768

#1	5.460698	1.863337	.1443570	.0049077	5.422960	1.952518	.0062678
#2	5.368749	1.868430	.1440189	.0050980	5.421730	1.957816	.0065820
#3	5.408893	1.879232	.1431747	.0055466	5.435508	1.971173	.0060660

Sample Name: K1330-22 Acquired: 02/08/2019 16:01:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFN7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1635887	.0292719	.0854864
Stddev	.0022110	.0006806	.0002771
%RSD	1.351585	2.325070	.3241228

#1	.1627749	.0295889	.0855098
#2	.1660913	.0297361	.0857509
#3	.1618999	.0284906	.0851983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.248	2240.069	42856.92	4040.632	2882.422
Stddev	7.053	3.396	136.70	11.393	5.625
%RSD	.3499712	.1515944	.3189616	.2819577	.1951328

#1	2012.777	2241.966	42705.53	4053.593	2888.819
#2	2009.763	2242.091	42971.31	4032.200	2880.199
#3	2023.204	2236.148	42893.91	4036.103	2878.249

Sample Name: K1330-21 Acquired: 02/08/2019 15:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488656	-.003871	1.848219	-.012233	.0021386	53.66098	.8667716
Stddev	.0002949	.002299	.009207	.000931	.0008077	.27487	.0036077
%RSD	.6034442	59.37892	.4981462	7.612120	37.76655	.5122252	.4162275

#1	.0486143	-.001220	1.842074	-.012422	.0013873	53.34393	.8647202
#2	.0491902	-.005079	1.843778	-.011222	.0020356	53.80685	.8709374
#3	.0487922	-.005314	1.858804	-.013056	.0029928	53.83216	.8646574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078163	.1860412	35.96942	.1020205	.1003258	.2043639	136.2096
Stddev	.0000477	.0007772	.08995	.0002225	.0004890	.0072988	.5488
%RSD	.6103228	.4177349	.2500648	.2180965	.4874204	3.571472	.4029029

#1	.0078700	.1853157	35.89932	.1017817	.0998004	.2002708	135.6469
#2	.0077998	.1859466	36.07084	.1022219	.1004093	.2000302	136.2385
#3	.0077790	.1868613	35.93811	.1020580	.1007676	.2127907	136.7433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.631801	3.687987	.1215638	-.007894	-.269653	.2118389	21.78507
Stddev	.035889	.047777	.0008683	.000451	.040782	.0009531	.22175
%RSD	.7748394	1.295468	.7142583	5.706931	15.12404	.4499165	1.017919

#1	4.596000	3.730546	.1207792	-.008354	-.307757	.2127860	21.93220
#2	4.631627	3.697108	.1214155	-.007875	-.274563	.2118508	21.89300
#3	4.667777	3.636307	.1224967	-.007454	-.226637	.2108799	21.53001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.247563	3.593331	.0976946	.0033173	4.552980	4.058033	.0069940
Stddev	.035130	.015413	.0006357	.0001360	.013363	.015162	.0013608
%RSD	.8270637	.4289251	.6507202	4.100747	.2934909	.3736396	19.45639

#1	4.210868	3.586332	.0970442	.0032113	4.544770	4.071933	.0054847
#2	4.250935	3.582659	.0983145	.0034707	4.545770	4.041864	.0073703
#3	4.280885	3.611001	.0977250	.0032699	4.568399	4.060301	.0081271

Sample Name: K1330-21 Acquired: 02/08/2019 15:57:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1603606	.0227821	.0844026
Stddev	.0027865	.0002849	.0002434
%RSD	1.737670	1.250457	.2883361

#1	.1572045	.0231059	.0844196
#2	.1613965	.0225699	.0846370
#3	.1624809	.0226705	.0841511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.695	2276.201	43590.85	4103.381	2933.635
Stddev	9.852	7.796	64.09	6.892	11.855
%RSD	.4832727	.3425086	.1470352	.1679478	.4040924

#1	2043.738	2284.861	43648.95	4111.336	2946.910
#2	2027.342	2273.997	43522.10	4099.591	2929.886
#3	2045.006	2269.743	43601.50	4099.216	2924.108

Sample Name: K1328-16DLX5 Acquired: 02/08/2019 16:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189457	.0215668	.4587520	.0041343	.0075384	18.92590	1.169805
Stddev	.0027172	.0009616	.0020997	.0026557	.0017434	.10930	.002397
%RSD	14.34223	4.458628	.4577003	64.23607	23.12719	.5775361	.2048699

#1	.0163847	.0207517	.4563413	.0041795	.0080664	18.80627	1.167106
#2	.0217960	.0226273	.4601808	.0067672	.0055920	19.02055	1.170625
#3	.0186564	.0213213	.4597340	.0014563	.0089568	18.95089	1.171683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226101	.0957918	6.399607	.1163113	.2284200	.1968509	32.41412
Stddev	.0000405	.0006038	.013836	.0008434	.0011564	.0058999	.34938
%RSD	.1790188	.6303364	.2162005	.7251271	.5062688	2.997141	1.077858

#1	.0226100	.0953839	6.413442	.1153465	.2272819	.2018523	32.02233
#2	.0225697	.0955059	6.399610	.1169087	.2283843	.1983562	32.69331
#3	.0226507	.0964854	6.385770	.1166786	.2295939	.1903442	32.52672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8423925	1.187774	.2681581	.0107940	-.333913	.2644090	9.735748
Stddev	.0076696	.039469	.0010675	.0003421	.246324	.0090714	.202895
%RSD	.9104519	3.322950	.3980943	3.169556	73.76877	3.430808	2.084024

#1	.8350387	1.211164	.2672214	.0104946	-.050573	.2539373	9.576107
#2	.8503430	1.209953	.2679324	.0111669	-.454040	.2698623	9.964069
#3	.8417958	1.142204	.2693204	.0107205	-.497127	.2694273	9.667067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146140	.4335170	.0196350	.0007934	.8101765	.5512884	.0009023
Stddev	.047941	.0042284	.0017672	.0004263	.0072134	.0005444	.0006665
%RSD	4.182796	.9753834	9.000151	53.72560	.8903539	.0987452	73.86386

#1	1.127613	.4292313	.0176503	.0012802	.8052732	.5517519	.0001458
#2	1.110228	.4336338	.0210381	.0006134	.8067971	.5514244	.0014030
#3	1.200579	.4376858	.0202166	.0004867	.8184593	.5506889	.0011581

Sample Name: K1328-16DLX5 Acquired: 02/08/2019 16:13:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0327231	.0052920	.0187740
Stddev	.0014821	.0032582	.0000972
%RSD	4.529223	61.56924	.5179251

#1	.0322843	.0035368	.0188613
#2	.0315100	.0090515	.0187915
#3	.0343750	.0032876	.0186692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.124	2030.557	38552.15	3597.946	2964.094
Stddev	19.444	12.598	52.27	3.675	12.311
%RSD	1.069464	.6204142	.1355831	.1021546	.4153313

#1	1821.261	2041.493	38510.83	3594.958	2973.881
#2	1797.303	2033.396	38534.72	3596.831	2968.129
#3	1835.810	2016.782	38610.91	3602.051	2950.272

Sample Name: K1328-14LDLX25 Acquired: 02/08/2019 16:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0001185	.0912158	.0022204	-.001530	3.341509	.0595848
Stddev	.002007	.0014886	.0015869	.0041566	.001861	.011581	.0006199
%RSD	4119.216	1255.989	1.739709	187.1980	121.6039	.3465868	1.040366

#1	-.000723	-.000733	.0897849	.0016616	-.003508	3.346532	.0597468
#2	-.001631	.001837	.0929225	-.001628	.000187	3.349730	.0601077
#3	.002208	-.000749	.0909400	.006628	-.001270	3.328264	.0589000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002973	.0144531	1.290469	.0046778	.0028934	.0150130	6.288805
Stddev	.0000576	.0000604	.022984	.0001466	.0003586	.0035243	.049595
%RSD	19.37157	.4178586	1.781075	3.134113	12.39477	23.47479	.7886231

#1	.0003421	.0144133	1.269282	.0046929	.0025767	.0141938	6.345673
#2	.0002324	.0145226	1.314905	.0048163	.0028206	.0119705	6.254523
#3	.0003175	.0144234	1.287219	.0045243	.0032828	.0188747	6.266218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1705312	.2481961	.0043779	.0003898	-.288180	.0012154	1.960991
Stddev	.0021059	.0449143	.0003485	.0003144	.288601	.0024079	.025204
%RSD	1.234913	18.09631	7.960705	80.66366	100.1461	198.1185	1.285283

#1	.1705229	.2287590	.0047703	.0006100	.045068	-.001559	1.987836
#2	.1726412	.2162740	.0042591	.0000297	-.454466	.002442	1.937834
#3	.1684294	.2995554	.0041043	.0005297	-.455142	.002763	1.957303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2961850	.0846951	-.000249	.0000597	.1624416	.1224809	-.001072
Stddev	.0324968	.0026026	.001086	.0001568	.0014394	.0030646	.000742
%RSD	10.97180	3.072892	435.2762	262.6892	.8861041	2.502100	69.27703

#1	.2855946	.0852058	.000701	.0001314	.1627410	.1195640	-.001465
#2	.2703045	.0870045	-.000017	.0001678	.1608760	.1256744	-.000215
#3	.3326560	.0818750	-.001433	-.000120	.1637077	.1222044	-.001535

Sample Name: K1328-14LDLX25 Acquired: 02/08/2019 16:17:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0074928	-.001480	.0036875
Stddev	.0029825	.000917	.0000907
%RSD	39.80509	61.94627	2.460844

#1	.0049233	-.000966	.0037580
#2	.0067916	-.002539	.0037195
#3	.0107634	-.000935	.0035851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.671	1973.354	37234.78	3471.642	2966.869
Stddev	7.037	4.005	34.71	29.695	8.082
%RSD	.3976394	.2029600	.0932282	.8553449	.2724011

#1	1776.144	1975.586	37274.74	3467.600	2976.182
#2	1770.688	1975.746	37217.46	3444.175	2962.722
#3	1762.180	1968.731	37212.14	3503.150	2961.703

Sample Name: K1328-06DLX2 Acquired: 02/08/2019 16:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274589	-.001469	2.687585	-.006595	.0011139	37.21501	.7124797
Stddev	.0023066	.001327	.009560	.002060	.0011692	.19859	.0015966
%RSD	8.400104	90.37713	.3557265	31.24119	104.9667	.5336374	.2240903

#1	.0260694	-.002267	2.686531	-.008438	-.000004	37.44261	.7141688
#2	.0301215	-.002202	2.678595	-.006977	.002328	37.07693	.7109953
#3	.0261859	.000064	2.697629	-.004371	.001017	37.12550	.7122750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046463	.2246203	21.23653	.0563648	.0555802	.1091434	79.96955
Stddev	.0000430	.0006169	.02715	.0002377	.0000972	.0030692	.57532
%RSD	.9257722	.2746423	.1278278	.4217508	.1749543	2.812124	.7194234

#1	.0046777	.2239615	21.25423	.0563021	.0554785	.1122391	80.51327
#2	.0046639	.2247149	21.20528	.0561647	.0555899	.1090898	80.02823
#3	.0045973	.2251844	21.25008	.0566276	.0556722	.1061013	79.36713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.370382	2.478635	.0758053	-.004121	-.314980	.1304449	17.34665
Stddev	.028115	.024362	.0002919	.000250	.130392	.0079262	.13801
%RSD	1.186091	.9828710	.3850367	6.070365	41.39703	6.076308	.7955755

#1	2.395397	2.466922	.0757953	-.004331	-.167270	.1253768	17.31068
#2	2.375795	2.462342	.0755186	-.004186	-.363568	.1395790	17.49908
#3	2.339955	2.506641	.0761021	-.003844	-.414103	.1263789	17.23020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.970164	1.595487	.0543632	.0018552	3.383338	1.522872	.0038304
Stddev	.033780	.006165	.0014214	.0002132	.010258	.007254	.0002091
%RSD	1.137301	.3863720	2.614552	11.48971	.3031913	.4763433	5.457924

#1	2.933622	1.591248	.0559588	.0018279	3.374013	1.531030	.0040549
#2	3.000250	1.592653	.0538983	.0020807	3.381674	1.520436	.0036413
#3	2.976620	1.602558	.0532326	.0016571	3.394325	1.517149	.0037949

Sample Name: K1328-06DLX2 Acquired: 02/08/2019 16:21:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0622195	.0150310	.0393947
Stddev	.0007918	.0020258	.0002129
%RSD	1.272661	13.47743	.5405095

#1	.0617201	.0135291	.0395452
#2	.0631325	.0142287	.0394879
#3	.0618060	.0173350	.0391511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.558	2119.682	40380.99	3802.140	2946.037
Stddev	14.820	2.461	168.06	13.160	3.827
%RSD	.7793766	.1160950	.4161857	.3461092	.1298990

#1	1911.086	2118.551	40567.15	3787.473	2948.244
#2	1884.483	2122.505	40240.44	3806.035	2948.249
#3	1909.105	2117.989	40335.39	3812.912	2941.619

Sample Name: K1330-02DLX2 Acquired: 02/08/2019 16:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFFJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478555	.0025690	6.044698	-.010403	.0009996	19.84463	.2245654
Stddev	.0013834	.0026219	.020028	.003344	.0016324	.07249	.0013854
%RSD	2.890754	102.0599	.3313387	32.14752	163.3004	.3653049	.6169249

#1	.0491100	.0029721	6.022958	-.012157	.0001177	19.76198	.2246530
#2	.0480846	.0049661	6.048737	-.006547	.0028833	19.87446	.2259049
#3	.0463719	-.000231	6.062399	-.012506	-.000002	19.89744	.2231383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038637	.2208491	24.34593	.0715407	.0354102	.3527143	118.7802
Stddev	.0000505	.0004390	.02749	.0002288	.0001954	.0051778	.3943
%RSD	1.305822	.1987882	.1128944	.3197884	.5518898	1.467990	.3319205

#1	.0038691	.2203487	24.31506	.0717763	.0352371	.3471050	118.8787
#2	.0039112	.2211699	24.35497	.0715263	.0356221	.3573111	118.3460
#3	.0038108	.2210286	24.36776	.0713195	.0353714	.3537268	119.1159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.118179	2.175071	.0697973	-.007233	-.305658	.1309213	22.39081
Stddev	.004634	.091275	.0005990	.000555	.363602	.0027723	.08651
%RSD	.4143951	4.196424	.8581336	7.669331	118.9574	2.117569	.3863633

#1	1.115272	2.237371	.0694414	-.006805	.047336	.1286008	22.45832
#2	1.115743	2.217542	.0694617	-.007034	-.679012	.1339914	22.42083
#3	1.123523	2.070299	.0704888	-.007860	-.285297	.1301716	22.29329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5782860	1.226754	.0807522	.0055934	9.927042	1.133801	.0015744
Stddev	.0516599	.0111139	.0028285	.0001599	.026972	.021021	.0004226
%RSD	8.933274	.9079839	3.502745	2.858727	.2717031	1.854023	26.84072

#1	.6170458	1.219966	.0830822	.0056048	9.923313	1.115689	.0018552
#2	.5981744	1.220686	.0815693	.0057473	9.902129	1.128861	.0017794
#3	.5196378	1.239609	.0776050	.0054281	9.955685	1.156851	.0010884

Sample Name: K1330-02DLX2 Acquired: 02/08/2019 16:37:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0663956	-.000721	.0274743
Stddev	.0008361	.001037	.0001173
%RSD	1.259245	143.8554	.4269823

#1	.0665372	-.001623	.0276096
#2	.0654977	.000412	.0274113
#3	.0671518	-.000952	.0274019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.313	2074.896	39399.39	3660.367	3010.565
Stddev	3.295	8.882	115.38	17.150	7.470
%RSD	.1762576	.4280636	.2928456	.4685429	.2481103

#1	1870.002	2082.099	39305.60	3673.250	3017.374
#2	1865.729	2077.618	39364.33	3666.950	3011.746
#3	1872.209	2064.972	39528.23	3640.900	3002.575

Sample Name: K1328-19DLX5 Acquired: 02/08/2019 16:33:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFFJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113593	-.000759	.5143660	-.001713	-.000631	9.560906	.1278079
Stddev	.0036722	.002761	.0024828	.001026	.001601	.041173	.0000828
%RSD	32.32811	363.8500	.4826992	59.92225	253.6180	.4306396	.0648173

#1	.0138200	-.000279	.5116477	-.002395	.000876	9.582835	.1277367
#2	.0131195	.001731	.5149361	-.002210	-.002312	9.513410	.1278988
#3	.0071383	-.003729	.5165143	-.000532	-.000458	9.586473	.1277880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013086	.1097673	9.664753	.0422746	.0179919	.0706508	36.68175
Stddev	.0000322	.0003670	.035209	.0002256	.0002601	.0022174	.18781
%RSD	2.462216	.3343352	.3643082	.5337311	1.445435	3.138491	.5119991

#1	.0012728	.1097702	9.660858	.0420308	.0176947	.0682525	36.79776
#2	.0013352	.1093989	9.631653	.0424760	.0181775	.0726263	36.46507
#3	.0013179	.1101329	9.701748	.0423172	.0181036	.0710738	36.78242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8197343	2.397120	.0133866	-.001105	-.187395	.0638161	12.27603
Stddev	.0050804	.095080	.0003014	.000279	.261175	.0056738	.05474
%RSD	.6197609	3.966439	2.251731	25.24940	139.3715	8.890934	.4459495

#1	.8240034	2.357507	.0135661	-.000921	-.463812	.0652150	12.28674
#2	.8141153	2.505602	.0130386	-.001426	.055253	.0575736	12.21672
#3	.8210843	2.328251	.0135551	-.000967	-.153626	.0686596	12.32463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5763862	.4310996	.0216983	.0009822	3.084215	.5888892	.0003851
Stddev	.0239724	.0053100	.0017623	.0001531	.012466	.0063959	.0004923
%RSD	4.159093	1.231730	8.121686	15.58706	.4042012	1.086090	127.8625

#1	.5886518	.4316064	.0232259	.0008208	3.085138	.5908845	.0005108
#2	.5917438	.4255544	.0220987	.0011254	3.071312	.5817335	-.000158
#3	.5487628	.4361381	.0197703	.0010003	3.096194	.5940495	.000802

Sample Name: K1328-19DLX5 Acquired: 02/08/2019 16:33:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0363323	.0016339	.0101402
Stddev	.0007163	.0020544	.0001453
%RSD	1.971533	125.7336	1.432892

#1	.0371267	.0029145	.0102727
#2	.0357356	.0027230	.0099848
#3	.0361344	-.000736	.0101629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.440	2001.222	37977.61	3540.258	2970.955
Stddev	8.922	8.534	39.80	23.317	9.417
%RSD	.4963794	.4264636	.1047987	.6586138	.3169818

#1	1787.565	1998.761	37931.97	3531.675	2972.668
#2	1804.920	2010.716	38005.12	3566.650	2979.398
#3	1799.835	1994.188	37995.73	3522.450	2960.798

Sample Name: CCV092 Acquired: 02/08/2019 16:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.814511	5.038829	25.74077	F 4.431985	5.027166	404.0295
Stddev	.034513	.026697	.07297	.040275	.019266	.7857
%RSD	.7168524	.5298293	.2834618	.9087268	.3832326	.1944717

#1	4.783069	5.016125	25.66058	4.407216	5.011175	403.1528
#2	4.809027	5.032120	25.75847	4.410282	5.021767	404.2658
#3	4.851438	5.068240	25.80325	4.478456	5.048555	404.6700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05754	.4839673	2.432936	406.5147	15.05103	2.392870
Stddev	.01451	.0041269	.011981	.5456	.01275	.010856
%RSD	.1443103	.8527243	.4924677	.1342036	.0847332	.4536615

#1	10.04767	.4829924	2.423876	405.8868	15.05331	2.383811
#2	10.05075	.4884944	2.428412	406.7846	15.03729	2.389897
#3	10.07421	.4804152	2.446521	406.8727	15.06249	2.404902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88303	398.5675	14.84283	390.9762	2.636927	1.209034
Stddev	.04315	.5793	.03401	1.0341	.008400	.004194
%RSD	.2716961	.1453506	.2291618	.2644802	.3185710	.3469142

#1	15.92781	398.1216	14.81454	389.7838	2.627656	1.208702
#2	15.84171	398.3585	14.88057	391.6260	2.639093	1.205016
#3	15.87958	399.2223	14.83339	391.5187	2.644032	1.213384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.6928	2.480006	14.20694	158.0311	4.943295	4.588501
Stddev	1.5005	.015339	.14904	.5973	.014475	.020686
%RSD	.3840493	.6184974	1.049093	.3779926	.2928214	.4508258

#1	389.0539	2.462609	14.37843	157.3437	4.929617	4.587083
#2	391.9989	2.485829	14.10863	158.4242	4.941814	4.609860
#3	391.0255	2.491581	14.13377	158.3254	4.958453	4.568561

Sample Name: CCV092 Acquired: 02/08/2019 16:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.588042	F 4.466549	4.806457	5.245104	4.903807	4.905442
Stddev	.023831	.028301	.030403	.023286	.013619	.013219
%RSD	.5194149	.6336201	.6325392	.4439600	.2777211	.2694780
#1	4.565768	4.438410	4.793540	5.219119	4.890063	4.890520
#2	4.585186	4.466229	4.841186	5.252114	4.904059	4.910122
#3	4.613173	4.495009	4.784646	5.264081	4.917298	4.915685

Elem	Sr4077
Units	ppm
Avg	4.635860
Stddev	.005239
%RSD	.1130044
#1	4.629857
#2	4.639504
#3	4.638220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.871	1639.545	34889.82	3278.067	2373.800
Stddev	1.760	5.353	70.64	19.691	5.451
%RSD	.1141456	.3264971	.2024523	.6006871	.2296280
#1	1543.014	1644.997	34929.57	3298.345	2379.816
#2	1542.755	1639.342	34931.63	3259.021	2372.395
#3	1539.844	1634.296	34808.27	3276.834	2369.190

Sample Name: K1330-04DLX10 Acquired: 02/08/2019 16:41:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFFJ8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037686	-.000583	1.928471	-.000221	-.001275	1.678636	.0106738
Stddev	.0009536	.001612	.007739	.000576	.001874	.020622	.0002824
%RSD	25.30457	276.3055	.4013009	260.4825	146.9813	1.228473	2.645775

#1	.0045171	.000046	1.921559	-.000178	-.001418	1.655383	.0103551
#2	.0040937	-.002415	1.927022	.000332	.000667	1.685819	.0107731
#3	.0026949	.000619	1.936832	-.000818	-.003073	1.694705	.0108931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005941	.0180037	3.200847	.0119495	.0021112	.3344800	14.72748
Stddev	.0000508	.0000727	.053467	.0004825	.0004747	.0060323	.13687
%RSD	8.551767	.4038670	1.670390	4.037663	22.48684	1.803483	.9293648

#1	.0005587	.0179617	3.151924	.0124949	.0026466	.3323875	14.75639
#2	.0006523	.0179618	3.257921	.0117752	.0019454	.3412799	14.84759
#3	.0005713	.0180877	3.192694	.0115783	.0017416	.3297725	14.57846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359013	.0954506	.0134665	.0004607	-.193175	.0064116	14.34449
Stddev	.0032761	.0927531	.0000974	.0000656	.120629	.0025631	.03420
%RSD	9.125163	97.17392	.7231247	14.24368	62.44564	39.97626	.2384444

#1	.0381719	-.007874	.0133657	.0004908	-.054546	.0077503	14.36661
#2	.0321457	.171528	.0134739	.0003854	-.250739	.0080283	14.36177
#3	.0373862	.122698	.0135600	.0005058	-.274238	.0034563	14.30510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8076210	1.641934	.0079594	.0004235	3.637928	.6883203	-.000293
Stddev	.0690326	.009221	.0006261	.0001539	.021825	.0059573	.000357
%RSD	8.547650	.5616028	7.865638	36.35119	.5999419	.8654776	121.7653

#1	.7893842	1.631346	.0073811	.0004576	3.616208	.6823743	-.000666
#2	.8839411	1.646253	.0086242	.0005575	3.637716	.6882977	-.000260
#3	.7495377	1.648203	.0078729	.0002553	3.659858	.6942888	.000046

Sample Name: K1330-04DLX10 Acquired: 02/08/2019 16:41:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFJ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0059453	-.003264	.0054075
Stddev	.0006210	.000857	.0001035
%RSD	10.44522	26.26784	1.914444

#1	.0056058	-.004210	.0055116
#2	.0055680	-.003043	.0053046
#3	.0066620	-.002539	.0054062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.730	2030.452	38399.19	3560.750	2968.606
Stddev	3.482	3.485	67.85	17.817	8.426
%RSD	.1910061	.1716606	.1766883	.5003791	.2838247

#1	1825.179	2034.426	38455.06	3565.900	2977.873
#2	1824.267	2029.017	38418.80	3540.925	2966.537
#3	1818.745	2027.913	38323.69	3575.425	2961.407

Sample Name: K1330-05DLX10 Acquired: 02/08/2019 16:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAJF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046292	-.003089	2.099737	.0008815	-.003340	1.695075	.0168799
Stddev	.0027141	.002522	.030550	.0039562	.000933	.008729	.0009955
%RSD	58.63071	81.64806	1.454926	448.7921	27.92295	.5149875	5.897437

#1	.0063181	-.004766	2.132944	.0007955	-.004387	1.689538	.0180104
#2	.0014984	-.000189	2.072826	.0048800	-.003032	1.705138	.0164949
#3	.0060712	-.004312	2.093440	-.003031	-.002600	1.690549	.0161344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005107	.0163504	2.760300	.0109422	.0017945	.2527436	15.09018
Stddev	.0000363	.0004123	.020158	.0003218	.0001296	.0046154	.09108
%RSD	7.099457	2.521396	.7302844	2.940538	7.223368	1.826125	.6035430

#1	.0005521	.0168236	2.783531	.0111851	.0016535	.2475781	14.98721
#2	.0004846	.0160684	2.749948	.0110643	.0018214	.2541907	15.16017
#3	.0004953	.0161593	2.747421	.0105773	.0019086	.2564621	15.12317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304450	.1131619	.0127189	.0005142	-.383436	.0004904	18.97961
Stddev	.0028128	.0539544	.0000367	.0004176	.238085	.0086792	.24992
%RSD	9.239003	47.67898	.2889084	81.23210	62.09257	1769.859	1.316795

#1	.0288821	.1744797	.0127528	.0009407	-.497401	-.004468	18.73082
#2	.0336923	.0920515	.0127242	.0001061	-.109789	.010512	19.23065
#3	.0287608	.0729545	.0126798	.0004956	-.543119	-.004572	18.97734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7199838	1.458433	.0113088	.0008499	4.099974	.7873793	.0003216
Stddev	.0853601	.021960	.0005383	.0001500	.068431	.0086070	.0011569
%RSD	11.85584	1.505714	4.759868	17.64644	1.669049	1.093121	359.6971

#1	.7687842	1.481809	.0118457	.0007646	4.175439	.7778775	.0003635
#2	.6214200	1.438236	.0113115	.0010230	4.041955	.7896070	.0014571
#3	.7697472	1.455252	.0107692	.0007620	4.082529	.7946535	-.000856

Sample Name: K1330-05DLX10 Acquired: 02/08/2019 16:53:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090672	-.001648	.0050138
Stddev	.0009446	.000334	.0001795
%RSD	10.41770	20.27433	3.580895

#1	.0084364	-.001542	.0048487
#2	.0086120	-.002022	.0052049
#3	.0101532	-.001380	.0049877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.323	1985.449	37675.14	3509.708	2909.444
Stddev	14.970	25.549	266.04	13.554	37.487
%RSD	.8385011	1.286808	.7061449	.3861753	1.288459

#1	1794.668	1957.247	37821.01	3510.725	2868.674
#2	1768.057	2007.050	37368.07	3495.675	2942.425
#3	1793.244	1992.050	37836.34	3522.725	2917.232

Sample Name: CCB092 Acquired: 02/08/2019 16:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000278	-.000635	-.000680	.0019644	-.001813	.0058705	-.001745
Stddev	.0026521	.002179	.000774	.0028945	.000413	.0063312	.000668
%RSD	9554.791	343.2900	113.8417	147.3485	22.79183	107.8486	38.28276

#1	-.002928	.001328	-.001437	.0041770	-.001965	.0113243	-.001892
#2	.000813	-.002980	.000110	.0030276	-.002129	-.001073	-.002327
#3	.002199	-.000253	-.000714	-.001311	-.001346	.007360	-.001016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000125	.0000022	-.010897	.0006329	-.000337	.0061812	.0136637
Stddev	.000025	.0000750	.020276	.0003951	.000169	.0021210	.0122497
%RSD	19.75749	3353.313	186.0754	62.42907	50.27890	34.31379	89.65096

#1	-.000137	-.000076	-.023595	.0005107	-.000203	.0048306	.0006926
#2	-.000097	.000010	.012487	.0003134	-.000279	.0050872	.0250346
#3	-.000142	.000073	-.021583	.0010747	-.000527	.0086259	.0152640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013628	.0042210	-.000374	.0008398	-.293120	.0014782	.0047071
Stddev	.0008914	.0881789	.000544	.0001012	.186130	.0057438	.0227332
%RSD	65.41170	2089.044	145.4591	12.05192	63.49963	388.5717	482.9553

#1	.0015620	.0947873	.000250	.0007331	-.308883	.0016323	-.005303
#2	.0003886	-.081359	-.000620	.0008517	-.099609	.0071433	-.011303
#3	.0021377	-.000765	-.000752	.0009344	-.470867	-.004341	.030727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.723437	-.004486	.0050999	.0002077	-.003459	-.002575	-.002759
Stddev	.031828	.003408	.0008716	.0002008	.001369	.000948	.000888
%RSD	4.399605	75.97672	17.09062	96.67016	39.56429	36.80897	32.20183

#1	-.709294	-.001800	.0056595	.0003056	-.001992	-.002758	-.001737
#2	-.759886	-.008320	.0055446	.0003408	-.004701	-.001549	-.003346
#3	-.701132	-.003338	.0040957	-.000023	-.003686	-.003417	-.003194

Sample Name: CCB092 Acquired: 02/08/2019 16:49:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000244	-.007154	-.000025
Stddev	.002585	.001917	.000102
%RSD	1057.809	26.79840	406.4676

#1	-.000421	-.009114	.000049
#2	-.002737	-.005283	.000017
#3	.002425	-.007065	-.000142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.981	1977.328	36910.42	3420.467	2987.336
Stddev	11.780	17.285	309.50	37.398	25.205
%RSD	.6689359	.8741697	.8385189	1.093361	.8437212

#1	1771.506	1969.110	37261.81	3411.125	2977.701
#2	1763.179	1997.189	36791.13	3388.625	3015.937
#3	1748.256	1965.685	36678.31	3461.650	2968.370

Sample Name: K1330-10DLX2 Acquired: 02/08/2019 17:02:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664668	.0009697	14.40411	-.006789	.0006434	26.34496	.3144662
Stddev	.0015449	.0033185	.03582	.001531	.0011680	.02674	.0011629
%RSD	2.324251	342.2136	.2486566	22.55643	181.5184	.1014868	.3697916

#1	.0677255	.0045863	14.38783	-.005956	.0013582	26.31599	.3146832
#2	.0669321	.0002584	14.37932	-.005855	-.000704	26.36869	.3132101
#3	.0647428	-.001935	14.44517	-.008557	.001277	26.35019	.3155052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052384	.0783277	13.58941	.0702312	.0271276	.6810375	115.1927
Stddev	.0001002	.0000900	.05511	.0005573	.0000406	.0051251	.7571
%RSD	1.913392	.1148346	.4055490	.7934549	.1495136	.7525394	.6572352

#1	.0051621	.0782405	13.52658	.0696023	.0271722	.6752936	115.9524
#2	.0052013	.0784201	13.61207	.0704277	.0270930	.6826756	115.1874
#3	.0053519	.0783224	13.62958	.0706636	.0271175	.6851432	114.4382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.179395	1.284895	.0646711	-.006158	.2566108	.0920257	18.44499
Stddev	.011984	.037097	.0000899	.000436	.0683601	.0021019	.19820
%RSD	1.016083	2.887187	.1389896	7.078112	26.63960	2.284029	1.074539

#1	1.190031	1.311447	.0645790	-.006085	.1817493	.0928341	18.64201
#2	1.181742	1.300730	.0646758	-.006626	.3157191	.0896396	18.44733
#3	1.166411	1.242508	.0647586	-.005764	.2723640	.0936033	18.24563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.912249	4.677464	.0806954	.0043404	7.821169	1.216329	.0059527
Stddev	.057360	.015044	.0041449	.0001388	.029339	.008087	.0006577
%RSD	1.466166	.3216206	5.136517	3.197565	.3751264	.6649068	11.04846

#1	3.896130	4.666992	.0848533	.0044062	7.795961	1.209585	.0054624
#2	3.975944	4.670697	.0806693	.0044340	7.814170	1.214106	.0067001
#3	3.864673	4.694703	.0765636	.0041809	7.853374	1.225295	.0056956

Sample Name: K1330-10DLX2 Acquired: 02/08/2019 17:02:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0455296	.0078408	.0630250
Stddev	.0017369	.0016524	.0001071
%RSD	3.814924	21.07399	.1699689

#1	.0435939	.0094129	.0631368
#2	.0469520	.0079911	.0630148
#3	.0460429	.0061184	.0629233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.425	2185.184	41710.85	3853.742	2965.933
Stddev	8.976	5.505	135.31	16.230	4.728
%RSD	.4557688	.2519454	.3243883	.4211620	.1594082

#1	1963.263	2190.041	41569.53	3872.475	2968.729
#2	1965.289	2186.309	41723.81	3844.850	2968.597
#3	1979.724	2179.204	41839.21	3843.900	2960.474

Sample Name: K1330-06DLX2 Acquired: 02/08/2019 16:58:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356320	.0004979	1.847922	-.009330	.0010827	36.23860	.4157584
Stddev	.0030784	.0009898	.004700	.001100	.0007062	.19890	.0013067
%RSD	8.639489	198.8061	.2543449	11.78690	65.23201	.5488731	.3143036

#1	.0379410	.0013584	1.844380	-.008183	.0010506	36.03234	.4163793
#2	.0321370	-.000584	1.853254	-.009434	.0018044	36.42922	.4166390
#3	.0368180	.000719	1.846132	-.010375	.0003930	36.25424	.4142570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043361	.1810300	20.86848	.0900602	.0452677	.1366690	112.5572
Stddev	.0000928	.0008272	.07394	.0008418	.0001423	.0039389	.6465
%RSD	2.141102	.4569288	.3543289	.9346920	.3142648	2.882046	.5743431

#1	.0042597	.1802214	20.81128	.0905162	.0451035	.1396349	111.9353
#2	.0044394	.1809942	20.95198	.0890888	.0453539	.1381722	113.2257
#3	.0043092	.1818745	20.84218	.0905756	.0453457	.1321999	112.5106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.668198	5.080383	.0477365	-.006577	-.249656	.1929469	20.71254
Stddev	.012912	.103776	.0001345	.000294	.240561	.0096160	.16697
%RSD	.4839241	2.042689	.2816904	4.475837	96.35708	4.983771	.8061225

#1	2.654475	5.147721	.0477663	-.006440	-.524429	.1827122	20.90473
#2	2.680108	5.132556	.0475896	-.006377	-.147549	.1943351	20.60328
#3	2.670012	4.960873	.0478536	-.006915	-.076990	.2017934	20.62959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.007793	.9293700	.0735148	.0025459	6.968809	1.317270	.0040233
Stddev	.047079	.0036283	.0026367	.0002428	.018937	.019978	.0002335
%RSD	2.344834	.3904094	3.586596	9.538292	.2717350	1.516614	5.804111

#1	1.957752	.9278775	.0743457	.0023053	6.947096	1.297865	.0042929
#2	2.014418	.9267260	.0705627	.0025414	6.977426	1.337775	.0038956
#3	2.051209	.9335066	.0756359	.0027909	6.981905	1.316169	.0038815

Sample Name: K1330-06DLX2 Acquired: 02/08/2019 16:58:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1104762	.0093043	.0368375
Stddev	.0042794	.0018200	.0001794
%RSD	3.873635	19.56054	.4868901

#1	.1090237	.0078268	.0367162
#2	.1152928	.0113373	.0370435
#3	.1071121	.0087488	.0367528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.187	2060.000	39113.56	3628.584	2927.868
Stddev	6.071	4.737	103.95	33.715	3.000
%RSD	.3292092	.2299332	.2657541	.9291552	.1024805

#1	1837.915	2058.976	39015.64	3660.932	2926.467
#2	1844.612	2065.164	39102.41	3593.650	2931.312
#3	1850.035	2055.858	39222.64	3631.169	2925.824

Sample Name: K1330-14DLX2 Acquired: 02/08/2019 17:10:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415593	.0025857	.2896059	-.011450	.0014830	75.65197	.9212437
Stddev	.0025736	.0032482	.0005234	.003372	.0028180	.10453	.0015032
%RSD	6.192474	125.6187	.1807351	29.45162	190.0233	.1381718	.1631669

#1	.0445175	.0058097	.2897645	-.007593	.0029352	75.68959	.9196370
#2	.0403251	.0026337	.2890215	-.012916	.0032786	75.53384	.9226158
#3	.0398353	-.000686	.2900317	-.013841	-.001765	75.73249	.9214783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068491	.1351167	19.80796	.1371248	.1099350	.0706530	134.9477
Stddev	.0000728	.0014279	.01876	.0007609	.0010316	.0018842	.1816
%RSD	1.062910	1.056756	.0946885	.5549036	.9384041	2.666804	.1345862

#1	.0067896	.1341587	19.81919	.1364920	.1089744	.0723336	135.1129
#2	.0068273	.1344336	19.78631	.1379691	.1098051	.0686161	134.9770
#3	.0069303	.1367578	19.81838	.1369132	.1110254	.0710094	134.7532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.973714	4.530362	.1124932	-.008494	-.213777	.2490173	20.70203
Stddev	.012125	.066771	.0007845	.000419	.269735	.0073371	.01235
%RSD	.6143450	1.473849	.6973946	4.931769	126.1759	2.946431	.0596395

#1	1.978385	4.595649	.1125003	-.008691	-.217294	.2478748	20.71313
#2	1.959947	4.533237	.1117052	-.008013	.057700	.2423185	20.68873
#3	1.982808	4.462200	.1132742	-.008779	-.481735	.2568587	20.70421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.329243	.7070383	.0871916	.0034321	4.533524	1.140508	.0039761
Stddev	.012764	.0073770	.0027231	.0000955	.029459	.006825	.0010577
%RSD	.3834028	1.043367	3.123099	2.783367	.6497990	.5984036	26.60140

#1	3.314524	.7003998	.0895322	.0035159	4.514859	1.141837	.0035214
#2	3.337256	.7057351	.0842030	.0034524	4.518228	1.146570	.0051851
#3	3.335950	.7149801	.0878397	.0033281	4.567484	1.133116	.0032217

Sample Name: K1330-14DLX2 Acquired: 02/08/2019 17:10:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1044679	.0277912	.0542962
Stddev	.0031287	.0008182	.0001820
%RSD	2.994898	2.944051	.3351599

#1	.1039600	.0272074	.0543674
#2	.1016243	.0287264	.0540894
#3	.1078195	.0274398	.0544317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.125	2093.320	39880.48	3717.369	2946.898
Stddev	1.362	7.162	3.98	10.081	16.028
%RSD	.0722322	.3421588	.0099776	.2711845	.5439047

#1	1884.362	2098.195	39879.94	3707.319	2958.111
#2	1884.316	2096.669	39876.80	3717.306	2954.042
#3	1886.697	2085.097	39884.70	3727.481	2928.539

Sample Name: K1330-13DLX20 Acquired: 02/08/2019 17:05:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001752	.0009456	1.560363	.0004069	.0062677	1.160160	.0301164
Stddev	.0037085	.0009870	.005292	.0026385	.0010441	.011135	.0005797
%RSD	2116.340	104.3752	.3391549	648.4153	16.65830	.9597781	1.924959

#1	.0002570	.0001018	1.560435	.0034536	.0073092	1.167498	.0296802
#2	-.003573	.0020310	1.555035	-.001122	.0062729	1.165634	.0307743
#3	.003842	.0007042	1.565619	-.001111	.0052211	1.147347	.0298947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002083	.1155113	5.829371	.0032172	.0042468	.1056038	10.35932
Stddev	.0000600	.0000487	.017461	.0004900	.0004628	.0042247	.03865
%RSD	28.82718	.0421679	.2995421	15.23040	10.89729	4.000529	.3730967

#1	.0001814	.1154824	5.824902	.0027702	.0047788	.1087307	10.33108
#2	.0002771	.1154840	5.814579	.0037411	.0039368	.1007976	10.40337
#3	.0001663	.1155676	5.848633	.0031403	.0040248	.1072830	10.34352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1377680	1.862289	.0132647	.0003338	-.439119	-.000523	17.81417
Stddev	.0058621	.004896	.0004185	.0004808	.326643	.005227	.21726
%RSD	4.255031	.2629269	3.155101	144.0621	74.38607	999.3093	1.219600

#1	.1327555	1.862164	.0135640	.0008889	-.692162	-.001702	17.88482
#2	.1442138	1.857457	.0134436	.0000605	-.554822	.005193	17.98731
#3	.1363346	1.867247	.0127865	.0000518	-.070373	-.005060	17.57037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404111	.0809216	.0038310	.0002857	4.968156	.2410068	.0544314
Stddev	.0628471	.0017027	.0008989	.0001460	.029750	.0001380	.0006995
%RSD	44.75940	2.104153	23.46354	51.11490	.5988211	.0572450	1.285174

#1	.2128440	.0789584	.0027936	.0002432	4.955142	.2411218	.0541569
#2	.1003391	.0819960	.0043198	.0001656	4.947131	.2410450	.0539107
#3	.1080501	.0818104	.0043795	.0004482	5.002196	.2408538	.0552265

Sample Name: K1330-13DLX20 Acquired: 02/08/2019 17:05:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0140909	-.001839	.0063983
Stddev	.0005014	.001981	.0000641
%RSD	3.558684	107.7401	1.001416

#1	.0139092	-.002794	.0063454
#2	.0146578	-.003161	.0064695
#3	.0137056	.000439	.0063798

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.147	1968.153	37524.60	3428.883	2954.568
Stddev	5.033	2.883	107.50	17.381	4.507
%RSD	.2841483	.1464672	.2864806	.5069137	.1525276

#1	1767.030	1966.848	37437.50	3415.400	2955.241
#2	1769.654	1971.457	37491.56	3448.500	2958.700
#3	1776.757	1966.153	37644.74	3422.750	2949.763

Sample Name: K1323-08DLX10 Acquired: 02/08/2019 17:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305225	-.000037	.7000613	-.007969	.0004683	23.04089	.5583431
Stddev	.0021932	.001174	.0015474	.001304	.0014274	.13008	.0029816
%RSD	7.185651	3136.659	.2210442	16.36082	304.8070	.5645602	.5340087

#1	.0292708	.001266	.7015199	-.006819	.0011455	23.18593	.5617733
#2	.0292417	-.000368	.6984381	-.007702	.0014310	23.00219	.5568831
#3	.0330550	-.001010	.7002259	-.009385	-.001172	22.93455	.5563728

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041559	.1131872	18.76732	.0696748	.0149504	.0716161	84.07162
Stddev	.0000159	.0007012	.06223	.0006053	.0001975	.0025137	.26006
%RSD	.3817036	.6194800	.3315766	.8687639	1.320843	3.509996	.3093279

#1	.0041712	.1126444	18.83276	.0696757	.0149052	.0742332	84.36793
#2	.0041570	.1129383	18.76030	.0690690	.0147795	.0692204	83.96570
#3	.0041396	.1139789	18.70890	.0702796	.0151666	.0713945	83.88124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808329	3.892128	.0358697	-.004727	-.334524	.1752004	14.40964
Stddev	.0021344	.096767	.0009475	.000125	.096779	.0076987	.06380
%RSD	.4438982	2.486235	2.641598	2.634681	28.93027	4.394230	.4427718

#1	.4832912	3.844152	.0352445	-.004828	-.267083	.1788990	14.48253
#2	.4794501	3.828721	.0354046	-.004588	-.291076	.1803520	14.38240
#3	.4797575	4.003509	.0369599	-.004766	-.445413	.1663504	14.36397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.351664	.9506287	.0524677	.0020806	2.658068	.9593562	.0013606
Stddev	.067841	.0014521	.0023950	.0000780	.009676	.0051644	.0010924
%RSD	5.019056	.1527479	4.564778	3.749565	.3640109	.5383170	80.28633

#1	1.372207	.9504260	.0498402	.0020522	2.651384	.9652685	.0026185
#2	1.406859	.9521715	.0545286	.0020208	2.653656	.9557261	.0006508
#3	1.275926	.9492887	.0530343	.0021688	2.669163	.9570740	.0008125

Sample Name: K1323-08DLX10 Acquired: 02/08/2019 17:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF78 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0634914	.0068374	.0305062
Stddev	.0039357	.0016617	.0001760
%RSD	6.198847	24.30346	.5770015

#1	.0602705	.0051443	.0307060
#2	.0623253	.0084658	.0304384
#3	.0678784	.0069020	.0303741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.981	2084.290	39684.29	3640.300	2980.810
Stddev	1.272	.533	198.45	20.063	5.904
%RSD	.0677139	.0255868	.5000612	.5511413	.1980671

#1	1876.521	2084.888	39684.51	3618.911	2983.301
#2	1878.574	2083.863	39485.73	3643.285	2985.060
#3	1878.848	2084.119	39882.62	3658.703	2974.069

Sample Name: K1323-14DLX10 Acquired: 02/08/2019 17:26:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012071	-.000951	.8971719	.0001759	-.001424	1.919477	.0323835
Stddev	.0046357	.001297	.0044442	.0040930	.000484	.023841	.0005616
%RSD	384.0414	136.3077	.4953555	2327.150	33.98144	1.242065	1.734085

#1	.0044095	-.000031	.8954396	.0014978	-.000891	1.946911	.0319663
#2	-.004109	-.002434	.8938548	.0034446	-.001546	1.903780	.0321622
#3	.003320	-.000389	.9022214	-.004415	-.001835	1.907739	.0330220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002834	.0551427	6.541573	.0125968	.0036310	.0649675	10.20353
Stddev	.0000238	.0003250	.011274	.0006469	.0006069	.0025386	.11216
%RSD	8.384137	.5893874	.1723478	5.135260	16.71339	3.907558	1.099223

#1	.0003027	.0550710	6.528557	.0133394	.0030575	.0620370	10.07402
#2	.0002568	.0548596	6.548328	.0121555	.0042665	.0664960	10.26816
#3	.0002907	.0554976	6.547833	.0122957	.0035690	.0663694	10.26840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1895141	.7174428	.0139807	.0006294	-.402513	.0088938	8.581334
Stddev	.0005423	.0874812	.0000706	.0007975	.077063	.0052684	.095250
%RSD	.2861478	12.19347	.5048955	126.7061	19.14533	59.23734	1.109968

#1	.1890214	.8048282	.0140373	.0015102	-.360223	.0113187	8.543165
#2	.1894258	.7176340	.0139016	-.000044	-.491462	.0028495	8.689749
#3	.1900951	.6298662	.0140032	.000422	-.355855	.0125131	8.511089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566954	.2138314	.0016633	.0018277	2.737427	.3925937	-.000254
Stddev	.0109679	.0057564	.0007019	.0001458	.017021	.0036331	.000713
%RSD	4.272738	2.692005	42.19640	7.976466	.6217820	.9254183	280.3028

#1	.2553260	.2075399	.0013295	.0018980	2.724479	.3913018	-.000893
#2	.2682837	.2151204	.0011907	.0016601	2.731095	.3966962	.000515
#3	.2464765	.2188340	.0024698	.0019249	2.756706	.3897831	-.000386

Sample Name: K1323-14DLX10 Acquired: 02/08/2019 17:26:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF82 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0075000	-.003164	.0044711
Stddev	.0033516	.000535	.0001469
%RSD	44.68769	16.90424	3.285037

#1	.0107867	-.003036	.0043040
#2	.0076263	-.002704	.0045296
#3	.0040871	-.003751	.0045798

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.242	1973.548	37421.59	3442.967	2959.951
Stddev	2.599	2.898	176.10	12.018	6.888
%RSD	.1468362	.1468396	.4705885	.3490659	.2327223

#1	1768.640	1976.200	37220.77	3450.750	2960.060
#2	1768.845	1973.988	37549.67	3429.125	2966.785
#3	1773.241	1970.455	37494.32	3449.025	2953.009

Sample Name: K1323-16DLX2 Acquired: 02/08/2019 17:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380529	-.000695	28.06680	-.000699	-.002242	16.46224	.2480340
Stddev	.0020239	.001439	.07099	.004349	.000517	.02076	.0006223
%RSD	5.318734	207.0291	.2529159	621.9096	23.05928	.1261132	.2508846

#1	.0396808	.000809	28.01092	-.001380	-.001659	16.47107	.2479623
#2	.0357868	-.000835	28.04280	-.004667	-.002425	16.47714	.2474506
#3	.0386911	-.002059	28.14667	.003950	-.002643	16.43853	.2486890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046226	.2392247	16.82410	.0553603	.0150682	.8231993	58.26753
Stddev	.0000410	.0009889	.00480	.0002237	.0005706	.0042591	.17066
%RSD	.8874688	.4133744	.0285207	.4041680	3.786790	.5173810	.2928913

#1	.0045871	.2388377	16.82247	.0554279	.0145011	.8263614	58.09364
#2	.0046133	.2384878	16.82034	.0551105	.0156422	.8248802	58.43476
#3	.0046675	.2403486	16.82951	.0555424	.0150613	.8183562	58.27420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341666	3.204334	.0866044	-.001943	.1990097	.0574313	22.36416
Stddev	.0015910	.022558	.0003815	.000336	.1216808	.0060938	.26334
%RSD	.6794370	.7039836	.4404782	17.30710	61.14316	10.61064	1.177495

#1	.2325314	3.190122	.0864464	-.002180	.1104359	.0508198	22.06036
#2	.2357094	3.230344	.0870395	-.001558	.1488390	.0628230	22.50481
#3	.2342590	3.192535	.0863273	-.002092	.3377542	.0586511	22.52731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.980393	4.017322	.0419633	.0026223	9.159245	.9115292	.0032596
Stddev	.069205	.011133	.0009508	.0001337	.019904	.0028986	.0008697
%RSD	1.157202	.2771300	2.265796	5.097627	.2173138	.3179915	26.68025

#1	6.060039	4.005718	.0411277	.0027494	9.147420	.9092239	.0040895
#2	5.934939	4.018335	.0429978	.0026347	9.148090	.9105805	.0023550
#3	5.946200	4.027915	.0417644	.0024829	9.182225	.9147833	.0033345

Sample Name: K1323-16DLX2 Acquired: 02/08/2019 17:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF84 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0230361	.0061499	.0546998
Stddev	.0009304	.0016838	.0000616
%RSD	4.038828	27.37919	.1125489

#1	.0220003	.0078672	.0547275
#2	.0238008	.0045018	.0547426
#3	.0233073	.0060806	.0546292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.339	2161.193	41335.69	3799.683	2939.953
Stddev	13.190	9.921	35.48	9.995	11.435
%RSD	.6773161	.4590642	.0858252	.2630584	.3889634

#1	1961.019	2166.126	41357.47	3802.025	2949.170
#2	1946.296	2167.681	41294.76	3808.300	2943.533
#3	1934.701	2149.772	41354.86	3788.725	2927.156

Sample Name: K1323-17DLX10 Acquired: 02/08/2019 17:34:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101640	.0001537	.9749976	.0013248	-.001938	5.370753	.0762743
Stddev	.0024902	.0032340	.0041435	.0016848	.000412	.034171	.0009505
%RSD	24.49978	2104.444	.4249747	127.1740	21.26732	.6362405	1.246151

#1	.0128074	-.000205	.9702305	.0029728	-.002193	5.406825	.0765808
#2	.0098222	-.002886	.9777340	-.000394	-.002160	5.366565	.0752084
#3	.0078624	.003552	.9770283	.001396	-.001463	5.338869	.0770338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006895	.1200462	11.54210	.0169343	.0065658	.0899551	17.92479
Stddev	.0000304	.0006281	.06422	.0001655	.0002445	.0045804	.14075
%RSD	4.411821	.5231983	.5563807	.9771067	3.723399	5.091875	.7852184

#1	.0006556	.1195815	11.59730	.0167574	.0065218	.0925875	18.00760
#2	.0007143	.1197963	11.47162	.0169603	.0068293	.0926117	17.76228
#3	.0006986	.1207608	11.55738	.0170852	.0063463	.0846661	18.00449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2582322	1.935732	.0154571	.0000479	-.294690	.0142239	14.66283
Stddev	.0009349	.035206	.0004160	.0004881	.320904	.0025511	.19096
%RSD	.3620464	1.818738	2.691370	1018.790	108.8953	17.93513	1.302322

#1	.2571561	1.971335	.0156584	-.000012	-.367191	.0132499	14.45552
#2	.2586949	1.900938	.0149787	-.000408	.056262	.0171185	14.83153
#3	.2588455	1.934923	.0157341	.000563	-.573142	.0123033	14.70145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4797469	.3230676	.0073317	.0007426	7.313805	.2146905	-.001056
Stddev	.0731237	.0032504	.0007535	.0003202	.025407	.0028650	.000323
%RSD	15.24214	1.006115	10.27779	43.11850	.3473879	1.334467	30.54031

#1	.5572554	.3211722	.0075287	.0009976	7.292917	.2178325	-.001047
#2	.4699996	.3268208	.0079671	.0003833	7.306407	.2140161	-.001383
#3	.4119857	.3212097	.0064992	.0008469	7.342090	.2122229	-.000738

Sample Name: K1323-17DLX10 Acquired: 02/08/2019 17:34:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF85 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0129459	.0006935	.0090760
Stddev	.0024948	.0017161	.0001156
%RSD	19.27112	247.4718	1.273137

#1	.0154992	-.000869	.0089726
#2	.0105140	.002530	.0092008
#3	.0128244	.000419	.0090546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.995	1983.781	37635.27	3465.133	2962.041
Stddev	12.364	6.269	234.09	19.514	10.160
%RSD	.6914991	.3160352	.6220056	.5631568	.3430080

#1	1796.825	1986.850	37771.53	3445.475	2964.850
#2	1773.864	1987.925	37364.96	3484.500	2970.501
#3	1793.294	1976.569	37769.31	3465.425	2950.772

Sample Name: K1323-18DLX10 Acquired: 02/08/2019 17:38:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079960	.0023451	.9575503	.0007986	-.001523	5.307227	.0747016
Stddev	.0033007	.0022248	.0041855	.0009819	.002656	.015086	.0011990
%RSD	41.27944	94.87036	.4371045	122.9506	174.3703	.2842514	1.605068

#1	.0049198	-.000046	.9540671	.0010139	-.002417	5.312765	.0748089
#2	.0114828	.002728	.9563903	.0016550	.001464	5.290154	.0734525
#3	.0075853	.004354	.9621934	-.000273	-.003617	5.318760	.0758433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007435	.1100966	9.688834	.0169840	.0073076	.0838840	18.08310
Stddev	.0000610	.0007875	.039413	.0006345	.0001626	.0043238	.17332
%RSD	8.200830	.7152852	.4067831	3.735911	2.225478	5.154505	.9584897

#1	.0008065	.1098753	9.692016	.0168996	.0074588	.0883296	18.05374
#2	.0007393	.1094434	9.647927	.0176564	.0073285	.0796933	17.92633
#3	.0006848	.1109711	9.726559	.0163959	.0071356	.0836291	18.26923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2686276	2.001716	.0186080	.0002428	.0302023	.0160678	14.23590
Stddev	.0015495	.060551	.0001700	.0003283	.3463455	.0027072	.13694
%RSD	.5768077	3.024979	.9137109	135.1804	1146.750	16.84861	.9619356

#1	.2684082	2.029773	.0184444	.0000159	-.346824	.0129438	14.26421
#2	.2671995	2.043150	.0187838	.0006192	.334229	.0177265	14.35648
#3	.2702751	1.932225	.0185956	.0000934	.103202	.0175332	14.08702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4521570	.3021892	.0077811	.0008058	5.723615	.2200235	-.001233
Stddev	.0342202	.0050605	.0003347	.0002541	.038856	.0019752	.000448
%RSD	7.568215	1.674609	4.301841	31.53823	.6788703	.8977177	36.30202

#1	.4909549	.3009547	.0081363	.0006843	5.714168	.2196217	-.000962
#2	.4392437	.2978601	.0077355	.0010979	5.690353	.2182801	-.000988
#3	.4262723	.3077527	.0074715	.0006352	5.766323	.2221687	-.001750

Sample Name: K1323-18DLX10 Acquired: 02/08/2019 17:38:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF86 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0124530	-.000034	.0084272
Stddev	.0019466	.000843	.0001011
%RSD	15.63130	2502.061	1.199052

#1	.0104465	-.000766	.0083674
#2	.0125790	.000888	.0085439
#3	.0143335	-.000223	.0083704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.868	1987.459	37679.05	3445.108	2967.103
Stddev	6.310	11.291	123.60	11.556	16.286
%RSD	.3525618	.5680919	.3280216	.3354349	.5488889

#1	1786.470	1987.926	37766.84	3444.675	2974.429
#2	1785.986	1998.509	37537.71	3456.875	2978.440
#3	1797.150	1975.942	37732.60	3433.775	2948.441

Sample Name: K1324-04DLX10 Acquired: 02/08/2019 17:42:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042680	-.000112	.4787189	.0000719	-.001933	5.344242	.0842869
Stddev	.0043831	.002324	.0018131	.0010750	.002158	.023903	.0011068
%RSD	102.6971	2079.158	.3787511	1494.511	111.6212	.4472623	1.313189

#1	.0058608	-.001117	.4806009	-.000830	-.001979	5.362469	.0845914
#2	-.000689	.002546	.4769835	-.000216	-.004068	5.353077	.0852096
#3	.007632	-.001764	.4785723	.001261	.000247	5.317179	.0830597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007483	.0549425	5.446301	.0199634	.0060725	.0434221	17.26874
Stddev	.0000603	.0003259	.039387	.0008084	.0005437	.0033362	.13743
%RSD	8.059608	.5931391	.7231826	4.049392	8.953608	7.683195	.7958373

#1	.0007206	.0547325	5.423668	.0207064	.0066917	.0419549	17.14006
#2	.0007068	.0547771	5.491781	.0191026	.0056732	.0472404	17.41351
#3	.0008174	.0553179	5.423454	.0200813	.0058526	.0410708	17.25266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2695237	.8463301	.0121955	.0001261	-.435821	.0279197	8.140586
Stddev	.0008219	.0530804	.0005712	.0002552	.139711	.0046077	.008334
%RSD	.3049345	6.271833	4.683874	202.4609	32.05692	16.50351	.1023800

#1	.2697807	.8756723	.0127868	-.000037	-.506700	.0243418	8.135219
#2	.2686041	.8782616	.0121529	.000420	-.525886	.0331189	8.150187
#3	.2701864	.7850563	.0116468	-.000005	-.274878	.0262982	8.136352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987124	.3208642	.0073753	.0007116	1.945724	.2001169	-.000292
Stddev	.0198269	.0016963	.0019295	.0002110	.010647	.0027365	.000150
%RSD	3.975615	.5286545	26.16148	29.65013	.5472242	1.367432	51.35280

#1	.5202537	.3211601	.0058886	.0008687	1.939961	.1995275	-.000313
#2	.4812273	.3190394	.0066815	.0007944	1.939200	.1977231	-.000133
#3	.4946561	.3223930	.0095557	.0004718	1.958011	.2031000	-.000430

Sample Name: K1324-04DLX10 Acquired: 02/08/2019 17:42:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0046827	-.002240	.0072898
Stddev	.0036623	.000306	.0001366
%RSD	78.20849	13.64846	1.873875

#1	.0052438	-.002221	.0074245
#2	.0007723	-.002554	.0071514
#3	.0080320	-.001944	.0072934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.789	1993.526	37694.14	3471.050	2977.988
Stddev	6.086	7.746	239.88	5.832	14.915
%RSD	.3391144	.3885537	.6363744	.1680298	.5008271

#1	1801.734	1992.252	37966.73	3464.475	2976.521
#2	1790.385	2001.829	37600.39	3475.600	2993.581
#3	1792.248	1986.496	37515.29	3473.075	2963.860

Sample Name: K1324-07DLX5 Acquired: 02/08/2019 17:46:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096255	-.000265	.7144386	-.003082	-.001187	13.81368	.2121100
Stddev	.0015243	.001039	.0021783	.002164	.000983	.13593	.0019382
%RSD	15.83647	392.3453	.3049030	70.21271	82.83821	.9840184	.9137544

#1	.0080853	.000499	.7136836	-.005495	-.000967	13.65674	.2099017
#2	.0096577	-.001447	.7127383	-.002437	-.002261	13.89406	.2135288
#3	.0111335	.000154	.7168940	-.001314	-.000332	13.89024	.2128997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018449	.0951406	8.334616	.0332199	.0140174	.0818668	37.80754
Stddev	.0001038	.0005646	.071063	.0004851	.0002137	.0034754	.47553
%RSD	5.623908	.5933860	.8526286	1.460122	1.524722	4.245239	1.257768

#1	.0018416	.0947218	8.252809	.0327424	.0138847	.0780094	37.26595
#2	.0019502	.0949173	8.381061	.0337122	.0139035	.0847541	38.00002
#3	.0017427	.0957826	8.369978	.0332052	.0142640	.0828370	38.15667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5681487	1.454231	.0213479	-.001677	-.163422	.0564265	10.96695
Stddev	.0048112	.066309	.0004325	.000327	.337707	.0028354	.02343
%RSD	.8468144	4.559730	2.025833	19.47442	206.6473	5.025014	.2135979

#1	.5627697	1.388116	.0218454	-.001819	-.393430	.0567947	10.96656
#2	.5720412	1.520733	.0210620	-.001909	.224287	.0534249	10.99058
#3	.5696352	1.453843	.0211362	-.001303	-.321122	.0590598	10.94373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8176162	.5096397	.0208593	.0007247	1.935964	.2907308	-.000445
Stddev	.0699175	.0052442	.0000941	.0002107	.003139	.0035604	.000836
%RSD	8.551382	1.028994	.4509748	29.07078	.1621369	1.224651	187.7938

#1	.7758913	.5062904	.0208209	.0005940	1.932344	.2884880	.000149
#2	.8983345	.5069454	.0209665	.0009678	1.937619	.2948362	-.000083
#3	.7786227	.5156833	.0207905	.0006124	1.937930	.2888682	-.001402

Sample Name: K1324-07DLX5 Acquired: 02/08/2019 17:46:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF96 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0136959	.0013567	.0131946
Stddev	.0006845	.0004477	.0001064
%RSD	4.998050	32.99662	.8061950

#1	.0138123	.0016279	.0130771
#2	.0129606	.0016021	.0132843
#3	.0143148	.0008400	.0132224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.828	2011.450	38227.57	3520.158	2958.577
Stddev	10.002	8.118	57.13	25.587	11.548
%RSD	.5535458	.4036005	.1494417	.7268829	.3903075

#1	1796.944	2019.802	38225.26	3544.250	2971.429
#2	1806.596	2010.962	38171.63	3493.300	2955.229
#3	1816.943	2003.587	38285.82	3522.925	2949.073

Sample Name: K1324-08DLX2 Acquired: 02/08/2019 17:50:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298361	-.002408	2.389806	-.006630	.0003657	35.38836	.5449969
Stddev	.0050672	.003390	.010932	.002488	.0028305	.10214	.0023396
%RSD	16.98348	140.8206	.4574271	37.51921	773.9867	.2886388	.4292912

#1	.0350321	-.004818	2.383262	-.005365	.0017275	35.47333	.5449680
#2	.0295679	.001469	2.383729	-.005030	-.002888	35.41671	.5473509
#3	.0249083	-.003874	2.402426	-.009496	.002258	35.27504	.5426719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048284	.1239195	32.82191	.0751906	.0489184	.2645658	88.12558
Stddev	.0000771	.0006945	.08607	.0001472	.0000504	.0072303	.51035
%RSD	1.596737	.5604427	.2622229	.1958228	.1029976	2.732880	.5791212

#1	.0049139	.1233810	32.87887	.0751388	.0489546	.2702282	88.17842
#2	.0047641	.1236740	32.86395	.0750764	.0489397	.2564215	88.60746
#3	.0048072	.1247034	32.72290	.0753568	.0488608	.2670478	87.59086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.789105	4.085076	.0717142	-.004473	-.137292	.1314043	17.05095
Stddev	.012637	.048234	.0005962	.000319	.124543	.0025785	.18203
%RSD	.7063043	1.180746	.8314008	7.125461	90.71424	1.962286	1.067583

#1	1.791571	4.139473	.0716054	-.004306	.001495	.1324511	16.92091
#2	1.800327	4.068232	.0711798	-.004840	-.239313	.1284670	17.25898
#3	1.775417	4.047522	.0723573	-.004272	-.174057	.1332948	16.97295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.911028	.7781608	.0558813	.0020263	7.038492	.5322119	.0007950
Stddev	.040491	.0096617	.0024975	.0001848	.030081	.0046234	.0006374
%RSD	2.118782	1.241604	4.469252	9.121084	.4273714	.8687038	80.17520

#1	1.869761	.7707477	.0540177	.0020868	7.015447	.5351817	.0010673
#2	1.912629	.7746470	.0587190	.0021733	7.027507	.5268851	.0012509
#3	1.950695	.7890876	.0549071	.0018188	7.072521	.5345689	.0000667

Sample Name: K1324-08DLX2 Acquired: 02/08/2019 17:50:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF97 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0234702	.0108877	.0624197
Stddev	.0003535	.0017830	.0003815
%RSD	1.506309	16.37641	.6111598

#1	.0237223	.0108010	.0625628
#2	.0236222	.0091495	.0627089
#3	.0230661	.0127124	.0619873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.436	2074.372	39685.65	3635.796	2903.864
Stddev	14.499	7.787	189.17	12.646	10.562
%RSD	.7723009	.3753760	.4766718	.3478076	.3637364

#1	1892.836	2075.228	39781.11	3627.400	2911.641
#2	1864.047	2081.696	39467.76	3629.648	2908.111
#3	1875.424	2066.193	39808.06	3650.340	2891.839

Sample Name: K1324-17DLX2 Acquired: 02/08/2019 17:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275174	-.003603	.5187920	-.004418	.0003637	18.29817	.3583368
Stddev	.0026668	.001921	.0009707	.001084	.0007719	.07651	.0003871
%RSD	9.691445	53.32147	.1871156	24.53365	212.2588	.4181118	.1080279

#1	.0244888	-.001973	.5188315	-.003167	.0011095	18.21801	.3580706
#2	.0285492	-.003116	.5178021	-.005036	.0004135	18.30610	.3587809
#3	.0295141	-.005721	.5197424	-.005053	-.000432	18.37040	.3581589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027183	.1213294	87.46973	.0466238	.0327689	.0639150	68.61042
Stddev	.0000520	.0006403	.06230	.0002063	.0002679	.0032848	.46037
%RSD	1.912197	.5277251	.0712199	.4425012	.8174067	5.139298	.6709936

#1	.0027410	.1209938	87.54157	.0468554	.0325519	.0617967	68.12249
#2	.0026588	.1209267	87.43065	.0464598	.0326866	.0622493	68.67165
#3	.0027550	.1220677	87.43697	.0465561	.0330683	.0676989	69.03711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.028243	3.230097	.0366676	-.003595	-.354796	.1120941	13.86804
Stddev	.004953	.051120	.0005420	.000298	.176522	.0049104	.10215
%RSD	.4816815	1.582623	1.478225	8.282419	49.75299	4.380621	.7365629

#1	1.022577	3.183891	.0360453	-.003825	-.450195	.1091453	13.87224
#2	1.030406	3.221389	.0369204	-.003258	-.151103	.1177626	13.96803
#3	1.031748	3.285013	.0370371	-.003701	-.463091	.1093744	13.76387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.544183	1.414774	.0430128	.0016683	4.672047	.6541866	-.002029
Stddev	.028305	.007802	.0005324	.0003098	.023271	.0076481	.000237
%RSD	1.112549	.5514676	1.237808	18.57012	.4980959	1.169099	11.66151

#1	2.558418	1.405766	.0426112	.0019161	4.656646	.6492140	-.001953
#2	2.511586	1.419160	.0436167	.0013209	4.660677	.6503524	-.001839
#3	2.562546	1.419395	.0428105	.0017679	4.698817	.6629934	-.002294

Sample Name: K1324-17DLX2 Acquired: 02/08/2019 17:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFA4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0287512	.0092461	.0478193
Stddev	.0011600	.0008936	.0001380
%RSD	4.034664	9.664187	.2886434

#1	.0287712	.0090006	.0477066
#2	.0275814	.0085010	.0479733
#3	.0299012	.0102367	.0477781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.967	2071.895	39887.44	3653.871	2943.934
Stddev	8.000	9.557	145.19	24.112	12.805
%RSD	.4275702	.4612549	.3639993	.6598941	.4349507

#1	1865.683	2077.025	39737.60	3660.308	2952.230
#2	1867.047	2077.792	39897.24	3674.111	2950.386
#3	1880.171	2060.869	40027.48	3627.194	2929.187

Sample Name: K1324-09DLX2 Acquired: 02/08/2019 17:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAF98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411666	-.000219	6.273105	-.008457	.0039083	43.90164	.5660922
Stddev	.0030919	.001891	.021495	.002987	.0028047	.03802	.0004398
%RSD	7.510657	865.1798	.3426556	35.31821	71.76328	.0866069	.0776990

#1	.0433099	-.000647	6.263932	-.009902	.0007265	43.88618	.5664833
#2	.0425677	-.001858	6.257719	-.010445	.0049759	43.94496	.5661772
#3	.0376222	.001849	6.297665	-.005022	.0060223	43.87378	.5656160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057576	.1269203	35.11006	.1268130	.0637991	.2135044	123.1261
Stddev	.0000336	.0007648	.09057	.0006142	.0002427	.0040259	.2547
%RSD	.5831403	.6026198	.2579637	.4843240	.3804863	1.885627	.2068465

#1	.0057955	.1267033	35.05210	.1274686	.0635317	.2126203	122.8786
#2	.0057457	.1262874	35.21443	.1262509	.0638600	.2178989	123.1122
#3	.0057316	.1277702	35.06364	.1267195	.0640055	.2099940	123.3874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013881	2.996067	.0754674	-.007013	-.040096	.1733972	15.63163
Stddev	.009925	.027707	.0007291	.000424	.236009	.0068246	.11523
%RSD	.4928270	.9247748	.9661237	6.044747	588.6124	3.935819	.7371576

#1	2.003818	3.024611	.0752104	-.007093	-.021032	.1810920	15.74848
#2	2.014163	2.994309	.0749016	-.007391	-.285058	.1710220	15.51809
#3	2.023662	2.969281	.0762902	-.006554	.185803	.1680775	15.62832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974870	1.107364	.0776153	.0027975	12.24442	.7872151	.0032671
Stddev	.003834	.005746	.0027525	.0000491	.04872	.0048948	.0008763
%RSD	.1941377	.5188605	3.546340	1.754397	.3979176	.6217853	26.82263

#1	1.970445	1.108121	.0747107	.0028541	12.25049	.7912655	.0026182
#2	1.976975	1.101277	.0779502	.0027661	12.19294	.7886037	.0042640
#3	1.977190	1.112693	.0801850	.0027723	12.28981	.7817760	.0029191

Sample Name: K1324-09DLX2 Acquired: 02/08/2019 17:54:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAF98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0410855	.0128881	.0601936
Stddev	.0019607	.0018211	.0002635
%RSD	4.772302	14.13031	.4377199

#1	.0409205	.0133343	.0599057
#2	.0431236	.0144446	.0602522
#3	.0392126	.0108853	.0604228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.647	2075.922	39603.86	3656.409	2912.459
Stddev	3.901	6.706	195.44	7.920	14.425
%RSD	.2086544	.3230327	.4934794	.2166093	.4952816

#1	1867.353	2081.415	39395.44	3657.577	2920.814
#2	1867.436	2077.901	39633.11	3647.970	2920.761
#3	1874.151	2068.449	39783.02	3663.680	2895.803

Sample Name: PB116953BL Acquired: 02/08/2019 18:02:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS953 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002030	-.003626	-.000366	.0058865	-.001151	.0094641
Stddev	.000602	.000811	.000823	.0020437	.001102	.0084343
%RSD	29.67963	22.37186	224.5990	34.71832	95.70559	89.11881

#1	-.001345	-.003767	-.000423	.0082455	.000108	.0040092
#2	-.002268	-.004357	-.001160	.0046540	-.001626	.0191787
#3	-.002477	-.002754	.000483	.0047598	-.001937	.0052043

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002926	-.000275	.0001551	.0101101	F .0786074	.0002976
Stddev	.000471	.000026	.0000262	.0136227	.0006276	.0003680
%RSD	16.09965	9.618314	16.89375	134.7442	.7983817	123.6587

#1	-.003090	-.000250	.0001854	.0102247	.0792363	.0002768
#2	-.003293	-.000303	.0001399	.0236751	.0786048	-.000060
#3	-.002395	-.000270	.0001401	-.003570	.0779811	.000676

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004843	F .2647932	.0058242	.0907939	F .0429309	.0008924
Stddev	.0042950	.0418637	.0010670	.0060265	.0003615	.0002258
%RSD	886.8006	15.80997	18.32003	6.637530	.8420609	25.30742

#1	-.004029	.2169037	.0069078	.0945050	.0430122	.0010375
#2	.004522	.2830353	.0057903	.0838404	.0425357	.0010076
#3	.000960	.2944406	.0047746	.0940362	.0432449	.0006322

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.284809	-.003081	.0063090	-.314617	-.000313	-.004996
Stddev	.192671	.004715	.0076171	.009520	.002448	.000095
%RSD	67.64908	153.0532	120.7350	3.025835	782.9054	1.908971

#1	-.481377	-.004180	.0149189	-.323464	-.001568	-.005053
#2	-.096288	.002087	.0035607	-.315843	.002509	-.004886
#3	-.276762	-.007150	.0004474	-.304544	-.001879	-.005050

Sample Name: PB116953BL Acquired: 02/08/2019 18:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS953 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004486	.0037318	.0030496	-.001258	.0013491	-.007330
Stddev	.0001935	.0008937	.0004059	.000800	.0027356	.001992
%RSD	43.12735	23.94717	13.31093	63.58262	202.7682	27.18019
#1	.0002312	.0041377	.0033601	-.001967	.0001296	-.005571
#2	.0005127	.0027072	.0031984	-.000391	.0044823	-.009493
#3	.0006019	.0043504	.0025903	-.001416	-.000565	-.006926

Elem	Sr4077
Units	ppm
Avg	.0000062
Stddev	.0000819
%RSD	1330.667
#1	-.000070
#2	-.000004
#3	.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.886	2004.849	37877.96	3502.142	3030.998
Stddev	7.948	6.376	191.02	10.700	8.245
%RSD	.4435422	.3180498	.5042915	.3055218	.2720356
#1	1799.441	2010.390	38076.66	3510.925	3035.533
#2	1783.596	2006.277	37695.69	3490.225	3035.980
#3	1792.622	1997.880	37861.55	3505.275	3021.480

Sample Name: PB116953BS Acquired: 02/08/2019 18:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS953 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154490	.0472205	.0191083	.0558976	.1137306	.3864975
Stddev	.0034378	.0003423	.0007550	.0021559	.0023665	.0154335
%RSD	22.25271	.7249073	3.951058	3.856825	2.080751	3.993173

#1	.0116967	.0470096	.0183058	.0536680	.1114575	.4043182
#2	.0162030	.0470364	.0192146	.0579713	.1135537	.3776899
#3	.0184471	.0476154	.0198045	.0560536	.1161805	.3774844

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3573569	.0087738	.0094829	F 1.955492	.0236243	.0892221
Stddev	.0005344	.0001179	.0000893	.013843	.0001576	.0001026
%RSD	.1495381	1.343906	.9420019	.7078853	.6671805	.1149330

#1	.3577676	.0088161	.0093866	1.941061	.0236282	.0891284
#2	.3567527	.0086405	.0095630	1.956755	.0237800	.0893317
#3	.3575503	.0088646	.0094993	1.968660	.0234648	.0892060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526427	.2410653	.0349056	F 1.896031	.0820782	.0188334
Stddev	.0027844	.0276346	.0011433	.074744	.0002722	.0004529
%RSD	5.289339	11.46353	3.275427	3.942124	.3316712	2.404733

#1	.0524503	.2261059	.0358852	1.981930	.0818481	.0189599
#2	.0555183	.2241353	.0351822	1.860337	.0820078	.0192097
#3	.0499594	.2729547	.0336494	1.845826	.0823787	.0183308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.686318	.0971929	.0959793	9.535858	.0166284	F .0106119
Stddev	.342881	.0068403	.0085490	.029671	.0030274	.0002905
%RSD	3.947367	7.037830	8.907110	.3111556	18.20597	2.737495

#1	8.453675	.1005800	.0935335	9.566801	.0134003	.0103262
#2	8.525196	.0893200	.0889198	9.507647	.0170806	.0109069
#3	9.080084	.1016789	.1054846	9.533128	.0194041	.0106026

Sample Name: PB116953BS Acquired: 02/08/2019 18:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS953 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178788	F .1394254	.1755465	.0140441	F .0007910	.0822949
Stddev	.0003083	.0064573	.0028960	.0012741	.0032244	.0014577
%RSD	1.724179	4.631380	1.649709	9.072009	407.6528	1.771315
#1	.0177671	.1319719	.1788904	.0134729	.0044294	.0827319
#2	.0176420	.1429762	.1738476	.0131556	-.001713	.0834841
#3	.0182274	.1433280	.1739016	.0155039	-.000344	.0806686

Elem	Sr4077
Units	ppm
Avg	.1801176
Stddev	.0005292
%RSD	.2938021
#1	.1807033
#2	.1796739
#3	.1799756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.068	1961.628	37411.77	3436.975	3011.326
Stddev	5.087	9.675	56.12	32.424	9.122
%RSD	.2875461	.4932045	.1499994	.9433916	.3029342
#1	1768.192	1965.723	37411.61	3400.100	3014.050
#2	1774.537	1968.582	37467.96	3461.025	3018.776
#3	1764.477	1950.579	37355.73	3449.800	3001.152

Sample Name: K1331-16 Acquired: 02/08/2019 18:10:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1233253	-.007761	.4567966	-.049076	.0118625	126.5409	1.156937
Stddev	.0047952	.006674	.0052058	.006581	.0009219	.2147	.002688
%RSD	3.888262	85.99851	1.139629	13.40921	7.771365	.1696397	.2323258

#1	.1265933	-.007133	.4552938	-.043195	.0122249	126.7886	1.156290
#2	.1255622	-.014727	.4525074	-.047850	.0125482	126.4082	1.159890
#3	.1178204	-.001422	.4625884	-.056184	.0108145	126.4260	1.154632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202951	.0434125	24.57477	.4893729	.1272714	.1012740	451.0963
Stddev	.0001652	.0003135	.07152	.0011471	.0004277	.0015700	1.0111
%RSD	.8138477	.7221167	.2910258	.2343952	.3360182	1.550262	.2241386

#1	.0204819	.0432007	24.63741	.4881004	.1272139	.1005450	451.4657
#2	.0201682	.0432642	24.49684	.4903275	.1268754	.1002010	449.9525
#3	.0202353	.0437726	24.59005	.4896907	.1277249	.1030760	451.8708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.188284	5.047627	.1668743	-.030695	-1.12964	.7736926	4.131783
Stddev	.013309	.038893	.0012741	.000308	.13251	.0102042	.043650
%RSD	.6082033	.7705295	.7634963	1.002273	11.73041	1.318900	1.056435

#1	2.191839	5.050768	.1661019	-.030444	-1.02518	.7719898	4.088180
#2	2.173558	5.084855	.1661762	-.031038	-1.08505	.7644469	4.175479
#3	2.199454	5.007259	.1683449	-.030602	-1.27870	.7846412	4.131690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149886	3.251291	.2791393	.0086525	2.506207	2.344935	.0082372
Stddev	.135857	.014158	.0067918	.0001158	.011387	.025508	.0006687
%RSD	2.638049	.4354487	2.433118	1.337905	.4543360	1.087799	8.117961

#1	5.285776	3.242250	.2751067	.0085227	2.496723	2.351138	.0074884
#2	5.014063	3.244016	.2753304	.0086897	2.503062	2.316897	.0084483
#3	5.149820	3.267607	.2869807	.0087450	2.518835	2.366769	.0087748

Sample Name: K1331-16 Acquired: 02/08/2019 18:10:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1452901	.0345823	.0680841
Stddev	.0033345	.0014469	.0003480
%RSD	2.295068	4.183903	.5111115

#1	.1421095	.0354534	.0682873
#2	.1450010	.0329121	.0682826
#3	.1487597	.0353813	.0676822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.558	2306.424	44405.42	4070.588	2899.349
Stddev	8.212	8.723	108.50	21.778	10.694
%RSD	.3933597	.3782240	.2443494	.5350026	.3688538

#1	2093.725	2307.601	44468.15	4051.334	2903.336
#2	2078.237	2314.498	44467.98	4094.223	2907.477
#3	2090.712	2297.171	44280.13	4066.206	2887.234

Sample Name: CCV093 Acquired: 02/08/2019 18:14:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.693508	4.936844	25.28646	F 4.297544	4.887376	400.1648
Stddev	.020022	.026266	.10214	.021498	.022809	.6208
%RSD	.4265999	.5320423	.4039177	.5002428	.4666875	.1551347

#1	4.680205	4.926730	25.23070	4.276432	4.881313	399.5851
#2	4.683783	4.917139	25.22432	4.296791	4.868212	400.0895
#3	4.716536	4.966664	25.40433	4.319409	4.912604	400.8198

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.861015	.4876789	2.405102	400.2890	14.89348	2.362662
Stddev	.033748	.0023914	.008813	1.4063	.01034	.012431
%RSD	.3422406	.4903609	.3664283	.3513218	.0694341	.5261559

#1	9.864441	.4881475	2.399078	400.6343	14.89327	2.352874
#2	9.825684	.4898014	2.401011	398.7422	14.90393	2.358461
#3	9.892920	.4850879	2.415217	401.4905	14.88325	2.376649

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64467	398.6338	14.88178	393.4792	2.583704	1.179540
Stddev	.03797	1.2431	.08190	1.6063	.008692	.002755
%RSD	.2426730	.3118514	.5503501	.4082397	.3364308	.2335826

#1	15.65197	397.2087	14.78945	391.7018	2.577107	1.182702
#2	15.60358	399.4954	14.94567	393.9083	2.580452	1.177654
#3	15.67845	399.1974	14.91024	394.8273	2.593554	1.178265

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.5112	2.469544	14.64217	155.7630	4.838340	4.640390
Stddev	2.2216	.020697	.22575	.6150	.025002	.017588
%RSD	.5732998	.8380997	1.541752	.3948592	.5167493	.3790272

#1	384.9745	2.445964	14.47206	155.3593	4.829972	4.620349
#2	389.1102	2.477964	14.55617	155.4589	4.818595	4.653259
#3	388.4490	2.484704	14.89827	156.4709	4.866453	4.647562

Sample Name: CCV093 Acquired: 02/08/2019 18:14:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.515677	F 4.333053	4.833414	5.151560	4.859751	4.830350
Stddev	.017872	.024940	.026105	.028301	.011831	.013495
%RSD	.3957828	.5755654	.5400978	.5493689	.2434492	.2793876
#1	4.502994	4.327202	4.836493	5.134855	4.851186	4.825214
#2	4.507920	4.311560	4.857843	5.135589	4.854818	4.820177
#3	4.536117	4.360398	4.805906	5.184237	4.873251	4.845660

Elem	Sr4077
Units	ppm
Avg	4.579617
Stddev	.023758
%RSD	.5187878
#1	4.584824
#2	4.553686
#3	4.600339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1572.406	1677.427	35607.08	3293.916	2432.912
Stddev	9.716	6.167	200.13	7.982	8.789
%RSD	.6179344	.3676341	.5620430	.2423125	.3612397
#1	1582.475	1681.052	35759.72	3297.439	2438.929
#2	1571.656	1680.922	35681.01	3284.779	2436.980
#3	1563.085	1670.307	35380.51	3299.530	2422.826

Sample Name: CCB093 Acquired: 02/08/2019 18:18:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027364	-.001222	.0006967	.0005621	-.002398	-.002183	-.001841
Stddev	.0050283	.001273	.0012335	.0035297	.000959	.005492	.000546
%RSD	183.7595	104.2391	177.0624	627.9383	39.97256	251.5811	29.63624

#1	.0021767	-.002683	.0020478	-.001419	-.001328	.003339	-.002465
#2	-.001989	-.000350	.0004114	.004637	-.003178	-.007644	-.001455
#3	.008021	-.000632	-.000369	-.001532	-.002689	-.002245	-.001603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0000398	-.006997	.0004663	-.000338	.0009567	.0257344
Stddev	.000055	.0000677	.009233	.0002363	.000418	.0006299	.0173504
%RSD	154.0519	170.3343	131.9685	50.68399	123.5631	65.84310	67.42106

#1	-.000098	-.000027	-.011193	.0005903	-.000177	.0002626	.0130864
#2	-.000014	.000038	-.013387	.0001938	-.000025	.0011155	.0186025
#3	.000005	.000108	.003590	.0006148	-.000813	.0014921	.0455141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017866	.0726774	-.000327	.0012944	-.349147	-.005790	.0043625
Stddev	.0021595	.0111888	.000100	.0003520	.015987	.003004	.0067370
%RSD	120.8688	15.39520	30.41447	27.19457	4.578942	51.88674	154.4293

#1	.0042801	.0832972	-.000441	.0014308	-.367528	-.009188	.0121214
#2	.0005188	.0737396	-.000286	.0015577	-.341442	-.003488	-.000004
#3	.0005610	.0609953	-.000255	.0008946	-.338472	-.004693	.000970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249522	-.006875	.0060650	.0001631	-.001820	.0012833	-.001169
Stddev	.1083151	.000633	.0011635	.0001283	.002994	.0005830	.000427
%RSD	434.0906	9.203339	19.18432	78.65614	164.4691	45.42574	36.49539

#1	.1201766	-.006151	.0061349	.0001767	.000694	.0016559	-.000713
#2	-.092884	-.007324	.0071919	.0002840	-.001023	.0006115	-.001559
#3	.047564	-.007149	.0048680	.0000285	-.005133	.0015826	-.001236

Sample Name: CCB093 Acquired: 02/08/2019 18:18:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004637	-.002303	.0000050
Stddev	.0026552	.001766	.0001151
%RSD	572.6089	76.66925	2298.046

#1	.0027202	-.004275	.0001373
#2	-.002462	-.000868	-.000072
#3	.001133	-.001767	-.000050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.589	1976.671	37417.53	3388.875	3025.504
Stddev	4.283	11.029	31.65	7.094	14.509
%RSD	.2398907	.5579373	.0845783	.2093285	.4795491

#1	1783.368	1975.254	37427.36	3386.800	3023.489
#2	1790.527	1988.340	37443.10	3383.050	3040.914
#3	1782.872	1966.420	37382.14	3396.775	3012.108

Sample Name: K1331-17 Acquired: 02/08/2019 18:22:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1200186	-.004853	.4621155	-.049976	.0088406	124.0961	1.193219
Stddev	.0021380	.001743	.0053723	.002661	.0007453	.4367	.003865
%RSD	1.781354	35.91262	1.162543	5.324783	8.430814	.3518976	.3239362

#1	.1204066	-.003196	.4614978	-.050735	.0092326	124.3007	1.197030
#2	.1219360	-.004693	.4570787	-.052175	.0093081	124.3930	1.193325
#3	.1177132	-.006670	.4677699	-.047018	.0079810	123.5947	1.189301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200110	.0432432	24.42498	.4744430	.1307329	.0956822	436.0155
Stddev	.0002033	.0002164	.04385	.0003446	.0012320	.0033041	2.1557
%RSD	1.015779	.5005128	.1795115	.0726310	.9424199	3.453151	.4943998

#1	.0201785	.0430208	24.45935	.4747797	.1315516	.0960761	436.8465
#2	.0197849	.0432558	24.43997	.4744583	.1293159	.0987717	437.6319
#3	.0200697	.0434532	24.37560	.4740910	.1313310	.0921989	433.5680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.337080	5.077282	.1630071	-.030397	-1.17743	.7650309	4.160962
Stddev	.016174	.028212	.0009934	.000501	.10850	.0021288	.078182
%RSD	.6920499	.5556430	.6094469	1.649064	9.214742	.2782606	1.878943

#1	2.347983	5.064933	.1618776	-.029831	-1.28087	.7650554	4.075399
#2	2.344760	5.057351	.1633988	-.030574	-1.06450	.7671473	4.228677
#3	2.318497	5.109563	.1637451	-.030785	-1.18691	.7628899	4.178809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.084066	3.168467	.2783353	.0087610	2.402033	2.385148	.0074534
Stddev	.023742	.015899	.0019673	.0005672	.006160	.017241	.0007476
%RSD	.4669884	.5017835	.7068191	6.474582	.2564402	.7228465	10.03035

#1	5.060622	3.170609	.2771884	.0081081	2.402166	2.404596	.0066082
#2	5.108095	3.151606	.2806069	.0091325	2.395807	2.379109	.0080281
#3	5.083480	3.183187	.2772105	.0090425	2.408125	2.371738	.0077239

Sample Name: K1331-17 Acquired: 02/08/2019 18:22:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1431098	.0344527	.0679536
Stddev	.0043126	.0005655	.0002904
%RSD	3.013511	1.641524	.4273742

#1	.1476524	.0350032	.0676511
#2	.1426054	.0344817	.0682302
#3	.1390715	.0338733	.0679793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.175	2325.258	44817.74	4100.831	2926.842
Stddev	10.699	11.559	184.41	15.240	15.135
%RSD	.5086905	.4971093	.4114699	.3716248	.5171070

#1	2115.425	2327.579	45028.48	4085.906	2927.086
#2	2098.432	2335.481	44738.84	4116.367	2941.854
#3	2095.667	2312.715	44685.91	4100.219	2911.587

Sample Name: K1331-18 Acquired: 02/08/2019 18:26:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934594	.0877921	.6073198	-.041298	.0368713	133.7137	4.725252
Stddev	.0032460	.0058330	.0022627	.000647	.0015251	.3612	.006705
%RSD	1.677893	6.644084	.3725712	1.566427	4.136292	.2701395	.1418940

#1	.1902772	.0938321	.6087450	-.040615	.0361359	133.2967	4.720637
#2	.1967657	.0821909	.6047107	-.041901	.0358533	133.9170	4.722176
#3	.1933352	.0873533	.6085035	-.041377	.0386248	133.9275	4.732943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035318	.1492915	25.55540	1.026457	1.285076	.5909379	495.6167
Stddev	.0002314	.0004644	.02336	.001479	.002732	.0064088	1.3628
%RSD	.2235126	.3110958	.0914035	.1440679	.2125599	1.084514	.2749732

#1	.1034601	.1494915	25.52843	1.025993	1.284074	.5841929	494.8463
#2	.1033447	.1487606	25.56902	1.025266	1.282987	.5916738	497.1902
#3	.1037906	.1496225	25.56876	1.028112	1.288167	.5969470	494.8136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.527210	5.215597	1.320518	.0166227	-1.21713	1.747751	6.717408
Stddev	.051025	.021156	.003255	.0005587	.24373	.010758	.009195
%RSD	.7817316	.4056284	.2464810	3.361138	20.02497	.6155073	.1368787

#1	6.482166	5.225787	1.320561	.0159859	-1.29819	1.738411	6.707313
#2	6.582624	5.191274	1.317242	.0170309	-1.41000	1.759513	6.725305
#3	6.516839	5.229729	1.323752	.0168513	-.94320	1.745330	6.719605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.243711	3.149713	.3285706	.0089563	3.226721	2.291468	.0101862
Stddev	.019278	.013704	.0065453	.0001047	.005157	.005756	.0010448
%RSD	.3676431	.4350820	1.992051	1.169125	.1598302	.2512097	10.25669

#1	5.225808	3.147955	.3225767	.0089275	3.223183	2.288666	.0106331
#2	5.241207	3.136973	.3355545	.0088691	3.224342	2.298089	.0109331
#3	5.264119	3.164211	.3275806	.0090724	3.232638	2.287649	.0089923

Sample Name: K1331-18 Acquired: 02/08/2019 18:26:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1449204	.0331629	.0687015
Stddev	.0022312	.0013727	.0003096
%RSD	1.539610	4.139242	.4506438

#1	.1436102	.0315979	.0687776
#2	.1474966	.0341627	.0683609
#3	.1436543	.0337282	.0689659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.376	2329.616	45054.74	4128.601	2941.932
Stddev	3.510	4.846	61.58	9.433	7.500
%RSD	.1670112	.2080055	.1366787	.2284761	.2549423

#1	2102.868	2334.031	45107.24	4130.289	2944.094
#2	2103.892	2330.387	45070.03	4137.076	2948.113
#3	2097.367	2324.432	44986.96	4118.438	2933.588

Sample Name: K1331-16LX5 Acquired: 02/08/2019 18:30:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316020	.0012114	.0992704	-.009077	-.000409	30.12193	.2787288
Stddev	.0017013	.0018603	.0005579	.001698	.001104	.16302	.0011203
%RSD	5.383407	153.5615	.5620287	18.71047	269.7704	.5412157	.4019324

#1	.0328589	-.000668	.0986623	-.007137	-.001460	30.20442	.2780141
#2	.0296661	.001250	.0997587	-.009802	.000742	30.22723	.2800199
#3	.0322810	.003052	.0993901	-.010293	-.000509	29.93415	.2781522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049365	.0086917	5.901047	.1174987	.0269826	.0301378	109.3840
Stddev	.0000719	.0001114	.024113	.0006253	.0003244	.0065087	1.1501
%RSD	1.456736	1.281115	.4086240	.5321857	1.202098	21.59639	1.051420

#1	.0048538	.0086387	5.919306	.1181137	.0271849	.0241616	109.5346
#2	.0049711	.0086169	5.910122	.1168636	.0266084	.0370726	110.4513
#3	.0049845	.0088197	5.873713	.1175189	.0271544	.0291792	108.1660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5573630	1.225949	.0350725	-.006597	-.433066	.1847385	1.029883
Stddev	.0080182	.056420	.0004014	.000292	.084965	.0078637	.016944
%RSD	1.438590	4.602113	1.144616	4.429982	19.61945	4.256650	1.645241

#1	.5609307	1.175613	.0348060	-.006264	-.415277	.1769146	1.026602
#2	.5629780	1.286934	.0348772	-.006721	-.525518	.1926413	1.048227
#3	.5481801	1.215299	.0355342	-.006808	-.358404	.1846597	1.014819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206179	.6844463	.0757456	.0018614	.5315663	.5830210	.0018773
Stddev	.092933	.0037637	.0016854	.0002356	.0008215	.0082350	.0003552
%RSD	7.704784	.5498922	2.225135	12.65930	.1545394	1.412470	18.91958

#1	1.218522	.6801156	.0746640	.0018215	.5309425	.5918935	.0015024
#2	1.292324	.6862967	.0776876	.0016483	.5312594	.5815471	.0022087
#3	1.107690	.6869266	.0748853	.0021145	.5324971	.5756225	.0019207

Sample Name: K1331-16LX5 Acquired: 02/08/2019 18:30:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0336317	.0047979	.0161555
Stddev	.0021026	.0009354	.0001177
%RSD	6.251948	19.49663	.7282468

#1	.0324483	.0043173	.0162585
#2	.0323874	.0058759	.0160273
#3	.0360594	.0042004	.0161807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.500	2031.409	38433.17	3509.842	2966.628
Stddev	2.993	6.040	43.70	19.829	5.282
%RSD	.1644295	.2973190	.1137145	.5649554	.1780392

#1	1822.734	2036.708	38417.61	3502.825	2972.652
#2	1817.099	2032.687	38482.53	3494.475	2962.789
#3	1821.668	2024.833	38399.38	3532.225	2964.444

Sample Name: K1325-01DLX2 Acquired: 02/08/2019 18:46:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0407408	.0018645	.2854818	-.011305	.0017969	50.20962	.3552039
Stddev	.0031410	.0021957	.0037613	.001348	.0003052	.08703	.0007004
%RSD	7.709843	117.7654	1.317511	11.92071	16.98581	.1733416	.1971863

#1	.0382211	.0022677	.2861728	-.011571	.0020143	50.21745	.3560071
#2	.0442600	-.000505	.2814230	-.009844	.0019284	50.11894	.3547200
#3	.0397414	.003831	.2888497	-.012500	.0014479	50.29248	.3548847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044595	.0660400	10.21149	.1080521	.0338710	.0665085	115.3708
Stddev	.0000610	.0004572	.03858	.0007243	.0002300	.0053110	.6482
%RSD	1.368835	.6923431	.3778229	.6703147	.6791296	7.985404	.5618836

#1	.0043931	.0660221	10.25152	.1086837	.0338340	.0611898	114.7261
#2	.0044723	.0655920	10.17454	.1082112	.0336617	.0718117	116.0226
#3	.0045132	.0665059	10.20841	.1072616	.0341173	.0665239	115.3638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7190896	3.023518	.0407331	-.006818	-.385155	.2370780	15.51212
Stddev	.0015293	.041116	.0005147	.000172	.224050	.0012633	.26632
%RSD	.2126683	1.359860	1.263506	2.523001	58.17136	.5328805	1.716876

#1	.7174369	3.022607	.0401730	-.006705	-.214184	.2383638	15.39304
#2	.7193772	2.982866	.0408413	-.007016	-.638792	.2370319	15.81721
#3	.7204546	3.065082	.0411851	-.006734	-.302489	.2358384	15.32612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.113920	.7057039	.0798771	.0038372	1.211499	1.146009	.0024163
Stddev	.124656	.0075001	.0015318	.0000503	.007694	.002466	.0002402
%RSD	5.896901	1.062777	1.917698	1.311436	.6350710	.2151650	9.940436

#1	2.025503	.7011540	.0783515	.0037792	1.202811	1.144842	.0026179
#2	2.256495	.7015972	.0798649	.0038629	1.214238	1.148842	.0024805
#3	2.059764	.7143604	.0814151	.0038695	1.217449	1.144344	.0021505

Sample Name: K1325-01DLX2 Acquired: 02/08/2019 18:46:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1330161	.0121641	.0263372
Stddev	.0015499	.0017837	.0001121
%RSD	1.165161	14.66333	.4255409

#1	.1313734	.0135871	.0264503
#2	.1344524	.0127421	.0262262
#3	.1332224	.0101631	.0263350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.408	2083.177	39909.68	3627.074	3033.112
Stddev	10.500	6.068	224.74	25.381	9.718
%RSD	.5548224	.2912809	.5631311	.6997616	.3204046

#1	1897.745	2086.947	40123.75	3634.287	3035.848
#2	1880.312	2086.407	39675.60	3648.067	3041.169
#3	1899.167	2076.178	39929.69	3598.867	3022.319

Sample Name: K1331-23 Acquired: 02/08/2019 18:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482699	.2629892	.0453518	.0370921	.0495421	28.51958	.0618358
Stddev	.0015177	.0017933	.0022237	.0037688	.0014039	.05775	.0008556
%RSD	1.023632	.6819049	4.903181	10.16057	2.833671	.2024817	1.383626

#1	.1478456	.2610134	.0469147	.0357752	.0489559	28.56591	.0623551
#2	.1499547	.2634403	.0463346	.0341585	.0485263	28.53795	.0608483
#3	.1470095	.2645139	.0428060	.0413426	.0511440	28.45489	.0623039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1631425	.1275713	10.89858	.0461626	.0081024	.4872449	41.34193
Stddev	.0002721	.0003587	.08257	.0003530	.0000628	.0035292	.06285
%RSD	.1667614	.2811824	.7575946	.7647906	.7753425	.7243224	.1520303

#1	.1632409	.1273928	10.98879	.0458558	.0081692	.4847771	41.26963
#2	.1633516	.1273369	10.88020	.0465484	.0080935	.4912874	41.38357
#3	.1628349	.1279842	10.82676	.0460835	.0080446	.4856703	41.37259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3361248	3.309537	.2827575	.1711638	8.235366	1.435830	.3969204
Stddev	.0009667	.031550	.0011133	.0007988	.222749	.011379	.0104211
%RSD	.2875950	.9533077	.3937466	.4666720	2.704790	.7924968	2.625487

#1	.3355398	3.312185	.2816334	.1702462	8.090561	1.422886	.3879745
#2	.3372406	3.339680	.2827792	.1715416	8.491863	1.440351	.3944236
#3	.3355939	3.276746	.2838598	.1717036	8.123673	1.444255	.4083631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.27291	.0918912	.0279660	.0072442	.5068138	1.555415	.0013020
Stddev	.10176	.0020257	.0017156	.0001251	.0021864	.022426	.0010882
%RSD	.1222015	2.204440	6.134452	1.727111	.4314117	1.441806	83.58079

#1	83.33525	.0911467	.0260463	.0071068	.5042927	1.575443	.0004743
#2	83.32800	.0903432	.0293493	.0073516	.5081906	1.531185	.0008971
#3	83.15548	.0941839	.0285024	.0072742	.5079581	1.559616	.0025347

Sample Name: K1331-23 Acquired: 02/08/2019 18:34:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5045905	.0025962	.0190625
Stddev	.0004388	.0012335	.0001082
%RSD	.0869568	47.51187	.5673579

#1	.5041132	.0014920	.0191813
#2	.5049763	.0039274	.0189697
#3	.5046822	.0023692	.0190364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.726	2040.189	38972.41	3547.142	3038.486
Stddev	9.157	5.203	61.61	3.923	6.985
%RSD	.4977269	.2550053	.1580956	.1105926	.2298732

#1	1849.153	2040.582	39002.22	3543.675	3042.465
#2	1830.866	2045.185	38901.57	3546.350	3042.573
#3	1839.157	2034.802	39013.46	3551.400	3030.421

Sample Name: K1325-04DLX5 Acquired: 02/08/2019 18:55:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155675	-.000663	1.644019	-.002629	-.001109	12.19426	.2252544
Stddev	.0044120	.001671	.001574	.002501	.001039	.00992	.0024779
%RSD	28.34091	252.1487	.0957272	95.11814	93.64866	.0813252	1.100047

#1	.0114240	-.001356	1.645534	-.003574	-.001087	12.20175	.2226168
#2	.0150724	-.001875	1.642393	.000206	-.002159	12.18301	.2256127
#3	.0202062	.001243	1.644130	-.004520	-.000082	12.19802	.2275336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016490	.1184881	14.85284	.0369633	.0120939	.0962673	36.78036
Stddev	.0001122	.0003376	.08295	.0058671	.0005381	.0021860	.17913
%RSD	6.804121	.2849366	.5584759	15.87288	4.449421	2.270742	.4870156

#1	.0015203	.1183774	14.75827	.0306416	.0117381	.0937700	36.68937
#2	.0017261	.1182197	14.91324	.0422338	.0118308	.0971977	36.66499
#3	.0017006	.1188672	14.88702	.0380143	.0127130	.0978341	36.98672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219086	1.977718	.0251513	-.001294	-.428525	.0496993	16.57084
Stddev	.0012419	.110815	.0002498	.000852	.062875	.0069660	1.96293
%RSD	.2379511	5.603187	.9930562	65.84007	14.67244	14.01622	11.84569

#1	.5223965	2.074773	.0253333	-.000408	-.479660	.0514158	14.52964
#2	.5228324	1.856974	.0252539	-.002107	-.358324	.0420356	18.44480
#3	.5204968	2.001406	.0248665	-.001365	-.447591	.0556466	16.73808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117269	.5953708	.0236511	.0017212	3.423020	.5108942	-.000122
Stddev	.060527	.0046858	.0013038	.0002429	.014842	.0106891	.001197
%RSD	5.417397	.7870460	5.512455	14.11457	.4336022	2.092234	982.0534

#1	1.057202	.5900968	.0227729	.0014538	3.438231	.4992390	-.000908
#2	1.178246	.5990545	.0230314	.0019283	3.408576	.5202396	.001256
#3	1.116360	.5969612	.0251492	.0017814	3.422251	.5132040	-.000714

Sample Name: K1325-04DLX5 Acquired: 02/08/2019 18:55:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0346244	.0011103	.0206524
Stddev	.0038046	.0014852	.0002510
%RSD	10.98827	133.7557	1.215355

#1	.0327033	-.000599	.0204085
#2	.0321634	.001846	.0209100
#3	.0390066	.002084	.0206389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.029	2022.816	39687.97	3546.742	2989.118
Stddev	231.105	3.663	5010.00	8.538	6.578
%RSD	12.24703	.1810680	12.62347	.2407367	.2200727

#1	2139.174	2026.842	45169.44	3556.600	2996.670
#2	1685.281	2019.681	35345.61	3541.925	2986.053
#3	1836.632	2021.926	38548.86	3541.700	2984.632

Sample Name: K1325-02DLX5 Acquired: 02/08/2019 18:50:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148755	.0002462	1.451063	-.004198	-.001110	11.93567	.1961838
Stddev	.0015145	.0004547	.008263	.002160	.002555	.01310	.0007272
%RSD	10.18096	184.7046	.5694442	51.45907	230.1018	.1097198	.3706731

#1	.0138663	-.000066	1.447000	-.002241	.001833	11.93183	.1953722
#2	.0141433	.000768	1.445618	-.006516	-.002758	11.92493	.1967760
#3	.0166169	.000037	1.460571	-.003837	-.002406	11.95026	.1964034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015685	.1231893	19.19752	.0235423	.0150491	.1154981	38.47180
Stddev	.0000287	.0007265	.05872	.0002272	.0001955	.0054077	.06818
%RSD	1.828684	.5897777	.3058764	.9649741	1.299339	4.682062	.1772116

#1	.0015376	.1227968	19.13973	.0236266	.0152715	.1106796	38.50261
#2	.0015944	.1227435	19.25713	.0232850	.0149040	.1144680	38.39366
#3	.0015733	.1240277	19.19572	.0237152	.0149719	.1213468	38.51914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6570700	1.500523	.0260242	-.001450	-.337087	.0523562	18.14792
Stddev	.0028595	.114019	.0005107	.000342	.093743	.0020053	.20592
%RSD	.4351914	7.598592	1.962403	23.58335	27.80967	3.830116	1.134689

#1	.6586069	1.433674	.0256010	-.001822	-.413001	.0524897	17.92646
#2	.6537706	1.632175	.0265914	-.001376	-.365954	.0502874	18.33362
#3	.6588323	1.435721	.0258801	-.001150	-.232306	.0542914	18.18369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013155	.6980345	.0248127	.0015202	4.319665	.6997118	.0016267
Stddev	.069354	.0068671	.0011380	.0000743	.030186	.0014656	.0006473
%RSD	6.845308	.9837794	4.586192	4.884759	.6988142	.2094567	39.79424

#1	1.064566	.6932422	.0235023	.0015215	4.299905	.7012148	.0010186
#2	.934274	.6949596	.0255525	.0014452	4.304677	.6982867	.0015544
#3	1.040624	.7059017	.0253832	.0015937	4.354412	.6996339	.0023072

Sample Name: K1325-02DLX5 Acquired: 02/08/2019 18:50:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0427396	.0021629	.0185694
Stddev	.0034827	.0010040	.0000603
%RSD	8.148575	46.42068	.3247117

#1	.0440146	.0021504	.0186016
#2	.0454050	.0031730	.0186067
#3	.0387991	.0011651	.0184998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.073	2060.024	39224.17	3569.992	3040.428
Stddev	2.844	4.513	99.46	19.086	13.457
%RSD	.1524153	.2190806	.2535736	.5346271	.4426110

#1	1869.084	2063.126	39250.45	3556.475	3049.060
#2	1865.703	2062.100	39307.85	3591.825	3047.302
#3	1863.432	2054.847	39114.21	3561.675	3024.923

Sample Name: K1325-08DLX10 Acquired: 02/08/2019 18:59:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027101	-.000597	1.678496	.0020993	-.000796	1.186342	.0139089
Stddev	.0040834	.002933	.012560	.0023573	.000725	.018671	.0008329
%RSD	150.6733	491.6189	.7482630	112.2921	91.10900	1.573853	5.988304

#1	.0031069	-.001942	1.675348	.0029204	-.000292	1.207764	.0145352
#2	.0065807	.002767	1.667810	-.000559	-.001626	1.177735	.0129637
#3	-.001557	-.002615	1.692331	.003936	-.000469	1.173526	.0142279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001517	.0609730	18.42235	.0033350	.0007359	.0591851	5.928123
Stddev	.0000367	.0002709	.13020	.0000655	.0000958	.0019359	.054551
%RSD	24.18041	.4443069	.7067499	1.964991	13.01708	3.270965	.9202075

#1	.0001561	.0608468	18.38573	.0033486	.0008442	.0585646	5.942998
#2	.0001130	.0607882	18.31437	.0033927	.0006620	.0613551	5.973693
#3	.0001860	.0612840	18.56693	.0032637	.0007017	.0576354	5.867677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808446	.2919697	.0056089	.0005838	-.439875	-.004824	13.16754
Stddev	.0032915	.0564123	.0004342	.0001662	.266172	.004350	.25102
%RSD	4.071442	19.32128	7.740922	28.46456	60.51083	90.18698	1.906338

#1	.0801607	.2499200	.0052602	.0007623	-.155611	.000200	13.39136
#2	.0844244	.3560784	.0060952	.0004335	-.683215	-.007305	13.21512
#3	.0779488	.2699108	.0054713	.0005556	-.480800	-.007366	12.89614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1391180	.1386839	-.000587	.0005192	2.516783	.7085700	-.000539
Stddev	.1172805	.0012791	.000446	.0001110	.008854	.0103364	.001660
%RSD	84.30290	.9222841	76.09081	21.38751	.3517964	1.458766	308.1888

#1	.1873940	.1372303	-.000232	.0004579	2.514135	.7020779	-.001090
#2	.2245554	.1391843	-.001088	.0006473	2.509556	.7031424	-.001853
#3	.0054045	.1396372	-.000441	.0004522	2.526659	.7204896	.001327

Sample Name: K1325-08DLX10 Acquired: 02/08/2019 18:59:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0142131	-.002434	.0081005
Stddev	.0030893	.000683	.0000368
%RSD	21.73530	28.07669	.4539471

#1	.0172164	-.003176	.0080875
#2	.0143785	-.001830	.0081420
#3	.0110445	-.002296	.0080720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.825	1968.016	37730.39	3396.050	2983.961
Stddev	5.500	10.022	7.90	24.667	17.564
%RSD	.3076263	.5092359	.0209269	.7263459	.5886033

#1	1781.475	1972.006	37737.22	3410.875	2989.767
#2	1791.009	1975.428	37732.22	3409.700	2997.885
#3	1790.992	1956.614	37721.75	3367.575	2964.229

Sample Name: K1325-09DLX10 Acquired: 02/08/2019 19:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003962	-.000657	.8741821	.0010433	-.000839	1.107488	.0821631
Stddev	.000730	.001977	.0040164	.0017663	.000996	.032775	.0004109
%RSD	18.41391	300.6958	.4594469	169.2993	118.7796	2.959439	.5001155

#1	-.004439	.001625	.8696602	.0029887	.000221	1.084661	.0822873
#2	-.004325	-.001779	.8773352	-.000460	-.000982	1.145044	.0817044
#3	-.003122	-.001819	.8755510	.000601	-.001756	1.092760	.0824976

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001821	.0326268	1.450257	.0071987	.0010974	.0434741	6.570777
Stddev	.0000543	.0000873	.005736	.0004685	.0000475	.0042059	.067640
%RSD	29.79353	.2675837	.3955272	6.508719	4.324821	9.674413	1.029408

#1	.0001773	.0326436	1.455942	.0066577	.0010605	.0399810	6.566051
#2	.0002386	.0325323	1.450357	.0074681	.0010807	.0422986	6.640656
#3	.0001304	.0327045	1.444471	.0074703	.0011509	.0481426	6.505624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458172	.1383963	.0066200	.0009174	-.087191	.0042076	8.101123
Stddev	.0025325	.0789779	.0003530	.0001916	.339773	.0041591	.037861
%RSD	5.527486	57.06646	5.333187	20.88163	389.6902	98.84773	.4673532

#1	.0486684	.1848945	.0067117	.0006965	-.472136	-.000117	8.141084
#2	.0438287	.1830879	.0062301	.0010380	.039640	.008179	8.096497
#3	.0449546	.0472065	.0069181	.0010177	.170924	.004560	8.065788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080051	.0997766	.0003131	.0009420	1.942538	.5229199	.0012503
Stddev	.0455733	.0005520	.0002240	.0000089	.005989	.0018630	.0004497
%RSD	21.90969	.5532214	71.54396	.9454560	.3083197	.3562708	35.96461

#1	.2186323	.0992579	.0000599	.0009469	1.941807	.5220842	.0016844
#2	.2473257	.1003567	.0004856	.0009317	1.936948	.5250544	.0007866
#3	.1580572	.0997152	.0003937	.0009473	1.948859	.5216211	.0012798

Sample Name: K1325-09DLX10 Acquired: 02/08/2019 19:03:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0257414	-.004633	.0045900
Stddev	.0021530	.002239	.0000767
%RSD	8.364046	48.33151	1.671703

#1	.0243000	-.006587	.0045290
#2	.0247078	-.005124	.0045648
#3	.0282163	-.002189	.0046761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.269	1986.836	37648.99	3374.142	3012.770
Stddev	12.585	6.336	216.07	18.311	7.984
%RSD	.7006431	.3189241	.5738934	.5426882	.2649922

#1	1785.618	1990.575	37675.47	3368.725	3015.122
#2	1793.032	1990.412	37420.90	3359.150	3019.314
#3	1810.157	1979.519	37850.59	3394.550	3003.875

Sample Name: K1325-20DLX5 Acquired: 02/08/2019 19:11:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121690	.0012974	1.321187	-.002603	-.000881	22.07745	.2055201
Stddev	.0022602	.0030340	.004291	.002612	.001873	.15756	.0013586
%RSD	18.57371	233.8460	.3247935	100.3335	212.6814	.7136525	.6610741

#1	.0108834	-.001221	1.320604	-.003835	-.002983	21.93282	.2040637
#2	.0108449	.000447	1.317216	-.004372	.000610	22.24535	.2067533
#3	.0147789	.004666	1.325739	.000397	-.000269	22.05419	.2057432

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024981	.1385140	5.870083	.0404015	.0159927	.0847934	46.15692
Stddev	.0001046	.0007931	.042343	.0006600	.0001053	.0026434	.22094
%RSD	4.187529	.5725878	.7213345	1.633529	.6583872	3.117406	.4786704

#1	.0025919	.1385513	5.831989	.0396421	.0159778	.0820522	45.97187
#2	.0025173	.1377029	5.915674	.0408363	.0158957	.0873266	46.40153
#3	.0023853	.1392878	5.862586	.0407261	.0161047	.0850014	46.09734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4331290	1.240110	.0258469	-.001861	-.364705	.0835744	14.59117
Stddev	.0027888	.081021	.0001875	.000235	.294786	.0096802	.11703
%RSD	.6438827	6.533404	.7255382	12.64178	80.82877	11.58272	.8020873

#1	.4330208	1.204499	.0256462	-.002082	-.081429	.0774765	14.52449
#2	.4359703	1.332838	.0258768	-.001887	-.669790	.0785105	14.52271
#3	.4303958	1.182993	.0260176	-.001614	-.342896	.0947362	14.72630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.093913	.5443016	.0278849	.0014056	3.284945	.5472857	.0002453
Stddev	.041177	.0059535	.0018292	.0002502	.025127	.0044343	.0008535
%RSD	3.764150	1.093780	6.559657	17.80271	.7649023	.8102348	347.8625

#1	1.053650	.5384895	.0275801	.0011197	3.297485	.5466493	.0011825
#2	1.135946	.5440281	.0262273	.0015126	3.256016	.5520038	.0000410
#3	1.092142	.5503870	.0298473	.0015846	3.301333	.5432039	-.000487

Sample Name: K1325-20DLX5 Acquired: 02/08/2019 19:11:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0386686	.0040535	.0136390
Stddev	.0012594	.0016774	.0001653
%RSD	3.256804	41.38155	1.211630

#1	.0372145	.0058664	.0134817
#2	.0394073	.0037374	.0136241
#3	.0393841	.0025567	.0138112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.607	2053.184	38936.16	3506.358	2991.679
Stddev	6.088	2.265	146.97	31.505	12.658
%RSD	.3284478	.1103107	.3774726	.8984982	.4231067

#1	1846.577	2053.693	39103.28	3485.075	2992.682
#2	1857.043	2055.150	38827.00	3491.450	3003.806
#3	1857.200	2050.707	38878.22	3542.550	2978.549

Sample Name: K1325-10DLX2 Acquired: 02/08/2019 19:07:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167895	-.002777	.1024147	-.001714	-.002094	21.61954	.5094165
Stddev	.0025191	.000416	.0008663	.001756	.000878	.04914	.0005638
%RSD	15.00416	14.97065	.8459172	102.4745	41.92399	.2273078	.1106676

#1	.0173482	-.002337	.1014496	.000080	-.002055	21.60812	.5100666
#2	.0140379	-.002830	.1031254	-.003429	-.001237	21.57711	.5091221
#3	.0189823	-.003163	.1026690	-.001792	-.002991	21.67339	.5090610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027368	.2364111	7.713081	.0573818	.0051797	.0300334	39.07010
Stddev	.0000729	.0008539	.017299	.0003407	.0003423	.0041942	.16373
%RSD	2.665470	.3612046	.2242781	.5937990	6.607942	13.96520	.4190594

#1	.0028196	.2357193	7.731246	.0574750	.0053349	.0252112	38.92917
#2	.0027088	.2361485	7.696803	.0576663	.0047873	.0320554	39.03142
#3	.0026821	.2373655	7.711194	.0570042	.0054167	.0328336	39.24970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972688	1.814117	.0171055	-.001554	-.290313	.1063083	15.50588
Stddev	.0022662	.058524	.0005395	.000045	.208285	.0016052	.13372
%RSD	1.148795	3.226038	3.154250	2.865841	71.74500	1.509955	.8623772

#1	.1982427	1.881664	.0173285	-.001517	-.149618	.1078144	15.66026
#2	.1946784	1.778593	.0164902	-.001540	-.191734	.1046196	15.42633
#3	.1988853	1.782093	.0174978	-.001603	-.529588	.1064909	15.43104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.339731	.8223572	.0249958	.0022646	.5783122	.8780306	.0006079
Stddev	.037896	.0037626	.0009469	.0001886	.0020624	.0022042	.0011911
%RSD	2.828607	.4575394	3.788265	8.328334	.3566174	.2510367	195.9410

#1	1.297208	.8193381	.0241073	.0021251	.5766953	.8759518	.0005856
#2	1.352052	.8211610	.0248882	.0024792	.5806348	.8777981	-.000572
#3	1.369933	.8265725	.0259919	.0021896	.5776067	.8803418	.001810

Sample Name: K1325-10DLX2 Acquired: 02/08/2019 19:07:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0985726	.0052445	.0172824
Stddev	.0014815	.0013999	.0003217
%RSD	1.502913	26.69184	1.861396

#1	.0970920	.0068497	.0173861
#2	.0985709	.0046066	.0175394
#3	.1000549	.0042772	.0169216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.061	2117.160	40460.23	3647.467	3027.569
Stddev	9.420	7.635	222.41	22.027	8.680
%RSD	.4890808	.3606039	.5496920	.6038968	.2867004

#1	1916.825	2122.897	40210.42	3659.350	3032.549
#2	1935.654	2120.088	40636.72	3661.000	3032.611
#3	1925.703	2108.494	40533.54	3622.050	3017.546

Sample Name: K1326-07DLX5 Acquired: 02/08/2019 19:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104456	.0002636	.7148861	.0000937	-.000448	9.258609	.1206325
Stddev	.0011819	.0009837	.0027997	.0032003	.000613	.019885	.0010446
%RSD	11.31465	373.1466	.3916233	3414.907	136.9093	.2147737	.8659320

#1	.0092815	.0013082	.7118839	.0037541	-.000912	9.249187	.1208872
#2	.0104109	-.000645	.7153489	-.002176	.000247	9.281454	.1215262
#3	.0116445	.000128	.7174255	-.001297	-.000680	9.245186	.1194841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011766	.0564584	11.78357	.0295685	.0094140	.0740660	33.35307
Stddev	.0000475	.0002461	.01248	.0003620	.0001296	.0019951	.11495
%RSD	4.041526	.4358506	.1059500	1.224415	1.376730	2.693737	.3446492

#1	.0012282	.0562537	11.76985	.0291997	.0094797	.0718337	33.39912
#2	.0011345	.0563900	11.78658	.0295825	.0092647	.0746887	33.22224
#3	.0011672	.0567314	11.79427	.0299234	.0094977	.0756755	33.43786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4541414	1.152719	.0178639	-.001165	-.179710	.0412870	11.27452
Stddev	.0029138	.042162	.0002392	.000044	.201533	.0030818	.03334
%RSD	.6415981	3.657576	1.339198	3.770560	112.1437	7.464248	.2957135

#1	.4574377	1.108457	.0181320	-.001179	-.406436	.0448454	11.26190
#2	.4519096	1.192407	.0177875	-.001116	-.111759	.0394832	11.24934
#3	.4530768	1.157293	.0176721	-.001201	-.020935	.0395323	11.31233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6424568	.3255077	.0198660	.0014406	3.084819	.8608460	-.000523
Stddev	.1031277	.0043439	.0006105	.0001617	.022216	.0032563	.000490
%RSD	16.05209	1.334491	3.073281	11.22608	.7201859	.3782701	93.63545

#1	.5674733	.3275121	.0204625	.0013078	3.073031	.8640339	-.000939
#2	.7600637	.3205235	.0198931	.0016207	3.070982	.8609786	-.000647
#3	.5998335	.3284874	.0192423	.0013934	3.110445	.8575253	.000017

Sample Name: K1326-07DLX5 Acquired: 02/08/2019 19:19:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0547655	-.002139	.0112614
Stddev	.0024650	.002719	.0001086
%RSD	4.500935	127.1317	.9639758

#1	.0558949	-.000291	.0113828
#2	.0519382	-.005261	.0112280
#3	.0564634	-.000865	.0111736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.322	2021.380	38495.29	3475.108	3025.802
Stddev	5.136	10.928	137.89	3.448	13.533
%RSD	.2802784	.5406010	.3581897	.0992158	.4472608

#1	1838.238	2027.399	38488.10	3478.125	3033.122
#2	1829.718	2027.974	38361.13	3471.350	3034.099
#3	1829.010	2008.766	38636.62	3475.850	3010.186

Sample Name: K1326-06DLX5 Acquired: 02/08/2019 19:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057403	-.000691	.6253241	.0003348	-.000468	5.432814	.0716331
Stddev	.0034872	.001430	.0034637	.0010267	.000909	.061312	.0014685
%RSD	60.74905	207.0161	.5539034	306.6602	194.2228	1.128548	2.050043

#1	.0027920	.000929	.6214612	.0004201	.000033	5.431029	.0733070
#2	.0048393	-.001778	.6263576	.0013162	.000080	5.494998	.0705613
#3	.0095895	-.001223	.6281534	-.000732	-.001518	5.372413	.0710311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006570	.0514608	4.615444	.0174344	.0053878	.0420964	19.39581
Stddev	.0000157	.0002577	.050052	.0002701	.0000887	.0035245	.20335
%RSD	2.382567	.5006838	1.084455	1.549381	1.646070	8.372468	1.048441

#1	.0006517	.0514135	4.632101	.0176421	.0054654	.0454820	19.41568
#2	.0006746	.0512301	4.655043	.0175320	.0054068	.0423594	19.58850
#3	.0006447	.0517388	4.559186	.0171290	.0052911	.0384477	19.18325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2841042	.9910731	.0117730	-.000052	-.304881	.0242309	9.816607
Stddev	.0032979	.0467920	.0002802	.000097	.130220	.0051121	.052421
%RSD	1.160797	4.721349	2.380326	188.1116	42.71154	21.09752	.5340078

#1	.2876852	.9610416	.0118503	.000050	-.419506	.0185670	9.799100
#2	.2834353	.9671906	.0114622	-.000061	-.163290	.0285030	9.775179
#3	.2811920	1.044987	.0120064	-.000144	-.331848	.0256227	9.875541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3566874	.1959949	.0081807	.0009696	3.275995	.5865878	.0001637
Stddev	.0363712	.0030497	.0002692	.0001076	.010057	.0039093	.0007284
%RSD	10.19694	1.556012	3.290721	11.09233	.3069826	.6664521	445.0698

#1	.3147148	.1976379	.0083954	.0009988	3.274608	.5885185	.0005056
#2	.3789364	.1924760	.0082680	.0010595	3.266703	.5891562	-.000673
#3	.3764109	.1978708	.0078787	.0008505	3.286673	.5820888	.000658

Sample Name: K1326-06DLX5 Acquired: 02/08/2019 19:15:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0355906	-.002262	.0055930
Stddev	.0019637	.001076	.0001322
%RSD	5.517367	47.57187	2.363609

#1	.0369197	-.001104	.0056967
#2	.0333351	-.002452	.0056381
#3	.0365169	-.003231	.0054441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.036	2001.651	37982.78	3416.100	3016.534
Stddev	8.089	3.457	274.49	40.446	5.756
%RSD	.4466250	.1727255	.7226677	1.183994	.1908082

#1	1816.536	2004.740	37983.43	3391.350	3016.364
#2	1801.748	2002.297	37707.97	3394.175	3022.373
#3	1814.823	1997.917	38256.94	3462.775	3010.865

Sample Name: K1326-11DLX2 Acquired: 02/08/2019 19:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282584	-.000628	3.203778	-.006062	-.000610	38.19057	.6134305
Stddev	.0034411	.001851	.012080	.003739	.000880	.10786	.0010539
%RSD	12.17732	294.6485	.3770695	61.68221	144.2132	.2824167	.1718098

#1	.0265931	.001015	3.212029	-.010378	-.000946	38.06813	.6127908
#2	.0322153	-.000267	3.189912	-.004001	.000388	38.23205	.6146469
#3	.0259667	-.002634	3.209394	-.003807	-.001274	38.27153	.6128537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047408	.1655111	30.01324	.0726072	.0377299	.2848622	88.44929
Stddev	.0000784	.0006934	.09802	.0008540	.0004018	.0058109	.38906
%RSD	1.652768	.4189706	.3265817	1.176199	1.065038	2.039898	.4398641

#1	.0046525	.1657568	29.92461	.0726237	.0381923	.2799219	88.08045
#2	.0047683	.1647283	30.11852	.0717451	.0375319	.2912645	88.41159
#3	.0048018	.1660483	29.99658	.0734529	.0374654	.2834001	88.85582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.080189	3.449056	.0734987	-.004724	-.072328	.1204133	19.09433
Stddev	.011063	.077542	.0008585	.000335	.115794	.0122884	.17068
%RSD	1.024187	2.248211	1.168001	7.093943	160.0949	10.20517	.8938638

#1	1.081965	3.359600	.0736582	-.004678	-.004573	.1160180	19.09473
#2	1.068345	3.490476	.0725717	-.005080	-.206031	.1342949	19.26480
#3	1.090257	3.497092	.0742663	-.004415	-.006380	.1109270	18.92345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661514	.8483445	.0585550	.0028489	8.309336	1.026539	.0018044
Stddev	.024377	.0007131	.0007277	.0006624	.052797	.009787	.0005863
%RSD	1.467167	.0840522	1.242715	23.25238	.6353994	.9534136	32.49399

#1	1.638976	.8485476	.0592183	.0030855	8.321893	1.016695	.0011284
#2	1.658179	.8489339	.0586701	.0033606	8.251392	1.026654	.0021097
#3	1.687387	.8475519	.0577766	.0021007	8.354723	1.036269	.0021750

Sample Name: K1326-11DLX2 Acquired: 02/08/2019 19:27:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0639194	.0098448	.0581469
Stddev	.0025642	.0017901	.0002443
%RSD	4.011548	18.18371	.4201496

#1	.0650676	.0116939	.0582716
#2	.0657089	.0081201	.0583037
#3	.0609818	.0097204	.0578654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.840	2136.391	41053.98	3699.555	3019.868
Stddev	11.493	5.733	193.00	17.833	11.282
%RSD	.5927892	.2683653	.4701127	.4820271	.3735907

#1	1941.124	2136.274	40932.00	3711.859	3017.037
#2	1926.377	2142.182	40953.44	3707.702	3032.296
#3	1949.020	2130.717	41276.49	3679.103	3010.271

Sample Name: K1326-08DLX2 Acquired: 02/08/2019 19:23:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346048	.0018012	2.835878	-.009908	.0016174	34.64012	.5419425
Stddev	.0025150	.0008575	.012633	.001334	.0008277	.13660	.0020237
%RSD	7.267710	47.60518	.4454676	13.46009	51.17310	.3943338	.3734234

#1	.0323997	.0013371	2.830986	-.008368	.0022920	34.75995	.5442635
#2	.0340707	.0027906	2.826422	-.010673	.0006938	34.49138	.5405471
#3	.0373439	.0012758	2.850225	-.010682	.0018664	34.66902	.5410169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050054	.1029599	23.54282	.0740439	.0710994	.2855359	114.4788
Stddev	.0000175	.0006190	.02300	.0004911	.0006861	.0015520	.1685
%RSD	.3486362	.6012405	.0977015	.6633014	.9649364	.5435310	.1471986

#1	.0049874	.1026862	23.51729	.0736997	.0707488	.2861616	114.6686
#2	.0050223	.1025248	23.56194	.0738257	.0706594	.2837687	114.3466
#3	.0050065	.1036686	23.54923	.0746064	.0718899	.2866774	114.4212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871470	3.469115	.0660209	-.005981	-.189614	.1704140	14.86514
Stddev	.042622	.069699	.0005077	.000049	.086780	.0041647	.12198
%RSD	.8749405	2.009139	.7690240	.8254991	45.76634	2.443857	.8205664

#1	4.919550	3.538727	.0663003	-.006031	-.168108	.1712443	14.87189
#2	4.838325	3.469288	.0654349	-.005932	-.285125	.1741010	14.98361
#3	4.856535	3.399329	.0663276	-.005979	-.115610	.1658967	14.73993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429607	4.347728	.0799711	.0052082	4.566184	1.387377	.0045951
Stddev	.022914	.020604	.0026069	.0001566	.024175	.007383	.0005299
%RSD	.9431073	.4738996	3.259821	3.006258	.5294459	.5321799	11.53136

#1	2.426187	4.341550	.0770400	.0052702	4.563826	1.394357	.0040121
#2	2.408596	4.330921	.0808432	.0050302	4.543274	1.379648	.0050475
#3	2.454039	4.370715	.0820302	.0053243	4.591452	1.388127	.0047257

Sample Name: K1326-08DLX2 Acquired: 02/08/2019 19:23:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1151428	.0102775	.0703049
Stddev	.0009595	.0007340	.0000982
%RSD	.8333065	7.141765	.1396551

#1	.1162284	.0109513	.0702316
#2	.1144086	.0103860	.0704165
#3	.1147912	.0094953	.0702667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.851	2128.792	40889.69	3666.304	3008.286
Stddev	10.784	6.389	81.90	21.932	10.527
%RSD	.5556545	.3001413	.2002917	.5981957	.3499214

#1	1931.639	2132.833	40796.24	3645.250	3007.407
#2	1938.200	2132.117	40923.85	3689.019	3019.225
#3	1952.714	2121.425	40948.97	3664.643	2998.227

Sample Name: K1326-17DLX10 Acquired: 02/08/2019 19:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAPE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059119	.0016979	.8613990	-.001871	-.001087	4.795398	.1040494
Stddev	.0013231	.0005564	.0036222	.000789	.000296	.018508	.0009095
%RSD	22.38015	32.76856	.4204983	42.17232	27.25301	.3859454	.8741245

#1	.0069090	.0019389	.8614613	-.002774	-.000952	4.782272	.1030605
#2	.0064158	.0010617	.8577460	-.001319	-.000882	4.787356	.1042375
#3	.0044109	.0020932	.8649895	-.001519	-.001426	4.816566	.1048501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007412	.0469668	2.790909	.0121916	.0033518	.0593761	13.34781
Stddev	.0000211	.0002071	.018228	.0004007	.0001169	.0049271	.12869
%RSD	2.853430	.4409876	.6531204	3.286508	3.486370	8.298185	.9641515

#1	.0007496	.0468526	2.792391	.0124891	.0034652	.0582601	13.20922
#2	.0007569	.0468420	2.771986	.0117360	.0033585	.0647655	13.37067
#3	.0007171	.0472059	2.808351	.0123497	.0032318	.0551026	13.46354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230867	.3861270	.0115006	.0002656	-.311793	.0138481	9.519205
Stddev	.0026115	.0221395	.0002276	.0004111	.214330	.0097690	.019347
%RSD	2.121671	5.733729	1.979152	154.8037	68.74099	70.54442	.2032468

#1	.1237914	.3605729	.0113597	.0003227	-.114020	.0236118	9.541296
#2	.1201952	.3982752	.0117632	.0006452	-.281834	.0138587	9.505272
#3	.1252735	.3995331	.0113788	-.000171	-.539527	.0040737	9.511049

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4038832	.3254668	.0048560	.0008586	1.016873	.3911987	-.001478
Stddev	.0340395	.0041256	.0003364	.0002785	.002189	.0000417	.000711
%RSD	8.428061	1.267602	6.926811	32.44102	.2152896	.0106461	48.09615

#1	.4373208	.3298496	.0052353	.0010122	1.018630	.3911728	-.002168
#2	.4050568	.3216586	.0045938	.0005370	1.014421	.3912467	-.000748
#3	.3692721	.3248922	.0047390	.0010264	1.017569	.3911765	-.001517

Sample Name: K1326-17DLX10 Acquired: 02/08/2019 19:31:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0238122	-.001829	.0061902
Stddev	.0015048	.001061	.0000717
%RSD	6.319330	58.02332	1.158942

#1	.0223913	-.002161	.0062404
#2	.0253887	-.000642	.0062221
#3	.0236566	-.002685	.0061080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.235	2045.890	38927.80	3486.008	3072.022
Stddev	7.708	2.837	42.40	16.540	3.677
%RSD	.4177250	.1386814	.1089159	.4744550	.1196957

#1	1836.349	2049.116	38919.26	3504.575	3072.908
#2	1849.241	2044.770	38973.82	3480.600	3075.176
#3	1850.115	2043.783	38890.32	3472.850	3067.983

Sample Name: K1326-18DLX10 Acquired: 02/08/2019 19:35:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072341	.0021469	2.347340	-.002051	-.002708	3.213389	.1046806
Stddev	.0023486	.0018863	.005723	.001258	.001163	.004237	.0001281
%RSD	32.46540	87.85952	.2437970	61.33956	42.94275	.1318393	.1224144

#1	.0076106	.0017060	2.353946	-.003072	-.004044	3.208734	.1045550
#2	.0047200	.0042146	2.343894	-.000646	-.002154	3.214417	.1046757
#3	.0093716	.0005202	2.344180	-.002434	-.001926	3.217018	.1048111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008330	.0619768	4.375634	.0091070	.0083611	.2175623	22.09470
Stddev	.0001131	.0001378	.040713	.0001421	.0000851	.0040070	.16959
%RSD	13.57730	.2224245	.9304511	1.560383	1.017624	1.841791	.7675486

#1	.0007252	.0619516	4.348997	.0092495	.0083751	.2217899	22.05191
#2	.0009508	.0621254	4.422500	.0089653	.0082699	.2170771	22.28159
#3	.0008231	.0618532	4.355406	.0091063	.0084384	.2138200	21.95061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3467941	.5095269	.0489627	-.000528	-.130848	.0064415	17.25117
Stddev	.0013281	.0466093	.0004531	.000197	.252307	.0036835	.08150
%RSD	.3829684	9.147572	.9253255	37.21711	192.8241	57.18459	.4724112

#1	.3478241	.5547791	.0484396	-.000754	-.412268	.0059794	17.22380
#2	.3472632	.4616696	.0492232	-.000436	-.055415	.0103343	17.18688
#3	.3452951	.5121319	.0492255	-.000394	.075138	.0030108	17.34283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6970012	.7906924	.0138100	.0010121	1.736523	.4990887	-.001204
Stddev	.0526284	.0035740	.0013004	.0002810	.003315	.0074273	.000275
%RSD	7.550690	.4520129	9.416074	27.76535	.1908977	1.488176	22.81602

#1	.6975799	.7944201	.0152622	.0011062	1.733632	.4942408	-.001414
#2	.6440859	.7903621	.0127534	.0006961	1.735795	.5076396	-.000893
#3	.7493379	.7872950	.0134143	.0012340	1.740141	.4953859	-.001306

Sample Name: K1326-18DLX10 Acquired: 02/08/2019 19:35:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0117266	-.002602	.0108093
Stddev	.0025982	.000713	.0000729
%RSD	22.15664	27.38489	.6744091

#1	.0101937	-.002373	.0108821
#2	.0102596	-.002033	.0107363
#3	.0147266	-.003402	.0108095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.267	2065.437	39215.08	3488.342	3097.539
Stddev	2.328	10.365	52.00	17.101	10.351
%RSD	.1244046	.5018369	.1326063	.4902327	.3341611

#1	1869.609	2053.490	39187.15	3500.275	3086.164
#2	1873.928	2070.792	39183.01	3468.750	3100.051
#3	1870.263	2072.029	39275.08	3496.000	3106.404

Sample Name: K1326-22DLX2 Acquired: 02/08/2019 19:39:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479049	.0036330	3.952881	-.021865	.0039409	21.68581	.2770438
Stddev	.0012864	.0013185	.019830	.003723	.0025032	.14151	.0021890
%RSD	2.685358	36.29176	.5016637	17.02718	63.51784	.6525353	.7901197

#1	.0480623	.0024202	3.952969	-.017743	.0067102	21.55581	.2747766
#2	.0491054	.0050364	3.933006	-.022868	.0032735	21.66509	.2791452
#3	.0465470	.0034425	3.972666	-.024983	.0018391	21.83654	.2772096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046214	.1252115	19.55559	.0592277	.0484352	.2464424	189.5376
Stddev	.0000423	.0005464	.08663	.0008640	.0001882	.0009000	1.6702
%RSD	.9144658	.4363922	.4430059	1.458830	.3885497	.3652121	.8811820

#1	.0045965	.1256718	19.46882	.0583396	.0482377	.2458407	188.3460
#2	.0045975	.1246076	19.55587	.0592781	.0484554	.2474771	188.8201
#3	.0046702	.1253552	19.64208	.0600654	.0486125	.2460093	191.4466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267417	3.161561	.1446475	-.012290	-.573466	.0982038	19.99340
Stddev	.016628	.074437	.0002757	.000248	.204659	.0103937	.17769
%RSD	1.311926	2.354452	.1905716	2.014160	35.68818	10.58377	.8887397

#1	1.249998	3.130909	.1444801	-.012433	-.457433	.1098491	20.18227
#2	1.269134	3.246430	.1444967	-.012004	-.453190	.0898673	19.82954
#3	1.283120	3.107344	.1449656	-.012433	-.809773	.0948952	19.96841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.995467	2.908347	.1465769	.0020307	6.628027	1.415723	.0054404
Stddev	.091543	.005701	.0032826	.0003149	.013181	.009558	.0024927
%RSD	2.291174	.1960354	2.239501	15.50945	.1988746	.6751618	45.81822

#1	3.906700	2.907713	.1492493	.0023896	6.630607	1.405872	.0065342
#2	4.089554	2.902989	.1429128	.0019019	6.613746	1.416337	.0025878
#3	3.990148	2.914338	.1475687	.0018006	6.639727	1.424960	.0071992

Sample Name: K1326-22DLX2 Acquired: 02/08/2019 19:39:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFN4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0731265	.0193845	.0378042
Stddev	.0020769	.0021776	.0001623
%RSD	2.840102	11.23391	.4293095

#1	.0755014	.0170766	.0378690
#2	.0716505	.0214029	.0379242
#3	.0722277	.0196739	.0376196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.250	2130.837	40811.88	3666.800	3031.678
Stddev	9.074	3.925	127.33	28.703	11.454
%RSD	.4701111	.1842056	.3119903	.7827701	.3778230

#1	1919.792	2129.571	40689.49	3694.000	3025.410
#2	1934.906	2135.239	40943.64	3669.600	3044.898
#3	1936.051	2127.702	40802.50	3636.800	3024.725

Sample Name: K1327-03DLX10 Acquired: 02/08/2019 19:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071756	.0014281	1.683893	-.003454	-.001343	9.590119	.1089660
Stddev	.0015127	.0028959	.009701	.001629	.000466	.006361	.0006308
%RSD	21.08072	202.7821	.5760764	47.16339	34.69698	.0663251	.5789422

#1	.0074551	.0035312	1.674188	-.001690	-.001661	9.587307	.1084037
#2	.0085290	-.001875	1.683901	-.003770	-.001560	9.585649	.1088460
#3	.0055426	.002628	1.693589	-.004902	-.000808	9.597401	.1096482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010871	.0883588	2.614338	.0193036	.0095312	.0755035	22.27885
Stddev	.0000299	.0003621	.017173	.0003430	.0001225	.0013902	.15735
%RSD	2.754252	.4097825	.6568888	1.776750	1.285519	1.841191	.7062879

#1	.0011200	.0880439	2.598033	.0192236	.0096629	.0767312	22.10247
#2	.0010615	.0882781	2.632264	.0190077	.0095102	.0739940	22.40484
#3	.0010797	.0887544	2.612717	.0196795	.0094206	.0757853	22.32923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3494733	.6736740	.0198802	-.000100	-.375618	.0304137	15.01832
Stddev	.0027849	.0728582	.0004315	.000539	.124218	.0049896	.07734
%RSD	.7968921	10.81506	2.170571	539.3386	33.07021	16.40593	.5149400

#1	.3472521	.7457090	.0203540	-.000265	-.329855	.0297692	14.99301
#2	.3525977	.6752935	.0195097	.000502	-.516225	.0356942	14.95682
#3	.3485700	.6000195	.0197769	-.000537	-.280773	.0257775	15.10514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6910279	.4557972	.0116427	.0005946	2.223390	.4249605	-.000437
Stddev	.0519769	.0053954	.0008913	.0000562	.004438	.0010346	.000265
%RSD	7.521682	1.183719	7.655536	9.448915	.1995877	.2434667	60.64989

#1	.7504769	.4549433	.0106917	.0006303	2.219667	.4240141	-.000718
#2	.6541649	.4508797	.0124590	.0006236	2.222203	.4248023	-.000400
#3	.6684418	.4615686	.0117774	.0005298	2.228301	.4260651	-.000192

Sample Name: K1327-03DLX10 Acquired: 02/08/2019 19:43:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0216858	-.000179	.0095774
Stddev	.0016255	.000884	.0000432
%RSD	7.495435	492.8487	.4515301

#1	.0201339	-.000295	.0095849
#2	.0233760	-.001000	.0096164
#3	.0215476	.000757	.0095309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.862	2056.039	38865.50	3510.317	3075.710
Stddev	20.070	10.942	215.50	10.603	11.503
%RSD	1.086097	.5321961	.5544714	.3020480	.3739839

#1	1830.029	2059.485	38627.90	3499.400	3082.907
#2	1869.596	2064.844	39048.32	3510.975	3081.780
#3	1843.962	2043.789	38920.29	3520.575	3062.444

Sample Name: CCB094 Acquired: 02/08/2019 19:55:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005329	-.001271	.0014505	.0009527	-.001296	.0030144	-.000604
Stddev	.0020343	.003861	.0013506	.0012455	.001209	.0077409	.000326
%RSD	381.7254	303.8393	93.11281	130.7261	93.25176	256.7934	54.04917

#1	-.001374	.003148	-.000098	.0023770	-.002028	.0041472	-.000254
#2	.002674	-.002964	.002386	.0000678	-.001960	-.005230	-.000657
#3	.000299	-.003996	.002063	.0004134	.000099	.010127	-.000901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000044	.0000401	-.020190	.0000945	-.000345	.0022118	.0074275
Stddev	.0000672	.0000432	.019502	.0001816	.000289	.0052919	.0210788
%RSD	1518.629	107.8177	96.59620	192.3032	83.86564	239.2609	283.7955

#1	.0000073	-.000008	-.040391	.0000773	-.000321	.0042664	.0079103
#2	.0000701	.000053	-.001471	-.000078	-.000645	.0061683	-.013889
#3	-.000064	.000075	-.018706	.000284	-.000068	-.003799	.028261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006586	-.019570	.0001640	.0013444	-.124213	-.006549	-.002172
Stddev	.0013508	.051482	.0003357	.0006229	.119125	.006824	.007229
%RSD	205.0957	263.0733	204.7220	46.33180	95.90404	104.1936	332.8530

#1	.0015043	-.037385	.0005477	.0007291	-.025337	-.002383	.000829
#2	-.000899	.038454	.0000195	.0019745	-.090834	-.002840	.003074
#3	.001371	-.059778	-.000075	.0013294	-.256466	-.014424	-.010419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006573	-.005627	.0047258	.0000823	-.001368	-.000199	-.001104
Stddev	.055020	.001231	.0003666	.0001322	.002329	.001226	.000669
%RSD	837.0884	21.87968	7.757855	160.7494	170.2385	616.5315	60.56988

#1	-.067744	-.005399	.0049462	.0000589	-.002624	.000294	-.000335
#2	.038869	-.004525	.0049287	.0002246	-.002801	.000703	-.001427
#3	.009157	-.006955	.0043026	-.000037	.001319	-.001594	-.001550

Sample Name: CCB094 Acquired: 02/08/2019 19:55:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB094 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028965	-.002730	-.000119
Stddev	.0021316	.001093	.000149
%RSD	73.59301	40.02381	125.4865

#1	.0014356	-.001766	.000009
#2	.0019114	-.003917	-.000083
#3	.0053425	-.002508	-.000282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.592	2003.466	38206.11	3385.558	3097.896
Stddev	6.773	6.410	150.55	47.440	7.859
%RSD	.3709849	.3199705	.3940424	1.401254	.2536763

#1	1833.209	2007.700	38283.49	3333.250	3100.333
#2	1823.321	2006.607	38302.23	3425.800	3104.248
#3	1820.247	1996.090	38032.61	3397.625	3089.108

Sample Name: K1327-04DLX5 Acquired: 02/08/2019 19:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194458	.0015775	1.356821	-.007193	-.001118	14.90490	.2506056
Stddev	.0023203	.0019709	.004969	.000494	.002726	.33822	.0050505
%RSD	11.93193	124.9364	.3661958	6.872041	243.7865	2.269161	2.015329

#1	.0170968	.0014258	1.351711	-.006623	-.002905	14.66405	.2476595
#2	.0217362	-.000313	1.357116	-.007444	-.002469	15.29157	.2564374
#3	.0195045	.003620	1.361635	-.007511	.002019	14.75909	.2477200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024297	.1167584	73.73485	.0401932	.0168464	.1240032	64.80259
Stddev	.0000617	.0001723	1.56994	.0004059	.0003579	.0099517	1.55881
%RSD	2.538416	.1475984	2.129175	1.009745	2.124523	8.025355	2.405477

#1	.0023632	.1168207	72.83681	.0400237	.0167825	.1236140	63.61246
#2	.0024851	.1165636	75.54764	.0398995	.0172320	.1341437	66.56710
#3	.0024408	.1168910	72.82010	.0406563	.0165248	.1142517	64.22822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8616653	2.130805	.0322847	-.002989	-.230346	.0660531	15.77948
Stddev	.0223643	.080142	.0003848	.000085	.055646	.0029399	.19445
%RSD	2.595476	3.761122	1.191894	2.829212	24.15748	4.450805	1.232319

#1	.8488173	2.165669	.0325711	-.003049	-.292289	.0674261	15.65519
#2	.8874893	2.187609	.0318473	-.002892	-.214165	.0680553	15.67968
#3	.8486894	2.039135	.0324357	-.003025	-.184584	.0626779	16.00357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306087	1.445972	.0461536	.0025480	8.047526	.4709448	.0078586
Stddev	.065276	.001819	.0004420	.0000767	.010700	.0153745	.0004788
%RSD	4.997856	.1257830	.9576408	3.011054	.1329556	3.264606	6.092093

#1	1.237424	1.444288	.0461279	.0026227	8.042752	.4605785	.0075776
#2	1.367345	1.447901	.0466078	.0025519	8.040045	.4886091	.0084114
#3	1.313492	1.445727	.0457250	.0024694	8.059782	.4636467	.0075869

Sample Name: K1327-04DLX5 Acquired: 02/08/2019 19:47:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0635324	.0057370	.0765665
Stddev	.0027072	.0008223	.0017863
%RSD	4.261177	14.33377	2.333040

#1	.0628881	.0057829	.0751997
#2	.0665037	.0065354	.0785877
#3	.0612055	.0048927	.0759120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.110	2021.733	39132.54	3457.241	3013.757
Stddev	3.216	.806	134.54	103.666	1.721
%RSD	.1744831	.0398521	.3437940	2.998524	.0570911

#1	1840.480	2022.605	39125.85	3505.866	3012.783
#2	1842.154	2021.578	39001.47	3338.200	3012.746
#3	1846.695	2021.016	39270.29	3527.656	3015.744

Sample Name: K1327-07DLX10 Acquired: 02/08/2019 20:03:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040609	.0027621	.1893655	.0007156	-.001527	4.892215	.0756904
Stddev	.0030066	.0013305	.0011704	.0022459	.001466	.017184	.0007182
%RSD	74.03660	48.17116	.6180514	313.8307	95.96875	.3512608	.9488176

#1	.0060504	.0014943	.1885317	.0032000	-.003164	4.904975	.0751078
#2	.0055302	.0026444	.1907035	.0001177	-.001080	4.872675	.0764928
#3	.0006023	.0041476	.1888613	-.001171	-.000337	4.898995	.0754706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005821	.1229030	1.396578	.0165144	.0046712	.0278416	14.49964
Stddev	.0000723	.0004476	.019880	.0003059	.0001052	.0030538	.10617
%RSD	12.41663	.3641743	1.423447	1.852427	2.252992	10.96851	.7322139

#1	.0005313	.1227434	1.413829	.0162513	.0045500	.0312936	14.62192
#2	.0005502	.1225572	1.401066	.0168501	.0047391	.0267386	14.44601
#3	.0006648	.1234086	1.374838	.0164418	.0047246	.0254925	14.43098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021135	.4264867	.0118845	.0003492	-.113834	.0219826	14.16242
Stddev	.0015166	.0167592	.0000970	.0003253	.181063	.0034420	.09036
%RSD	1.485229	3.929594	.8165181	93.15016	159.0585	15.65764	.6379985

#1	.1026325	.4073260	.0119607	.0005087	-.303261	.0211613	14.26674
#2	.1004055	.4384168	.0119175	-.000025	.057507	.0190257	14.10880
#3	.1033025	.4337173	.0117753	.000564	-.095748	.0257610	14.11172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3385799	.3338421	.0104101	.0004506	3.297700	.3392242	-.001155
Stddev	.0442725	.0048627	.0004811	.0001042	.010166	.0021812	.000881
%RSD	13.07593	1.456591	4.621225	23.11762	.3082663	.6429808	76.30944

#1	.3761675	.3335461	.0099080	.0004933	3.291427	.3367471	-.000791
#2	.3497933	.3291341	.0108669	.0005267	3.292244	.3408572	-.000514
#3	.2897789	.3388460	.0104555	.0003319	3.309429	.3400681	-.002160

Sample Name: K1327-07DLX10 Acquired: 02/08/2019 20:03:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0457014	-.001729	.0043448
Stddev	.0004583	.002298	.0000743
%RSD	1.002856	132.9326	1.709601

#1	.0456835	-.003416	.0044305
#2	.0452524	-.002660	.0042996
#3	.0461685	.000889	.0043043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.615	2021.264	38545.55	3415.908	3121.130
Stddev	9.673	1.516	153.51	5.791	1.021
%RSD	.5255427	.0750039	.3982666	.1695181	.0327120

#1	1836.197	2023.014	38572.91	3409.225	3121.976
#2	1833.941	2020.368	38380.19	3419.425	3121.417
#3	1851.709	2020.409	38683.54	3419.075	3119.996

Sample Name: K1327-05DLX5 Acquired: 02/08/2019 19:59:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137259	.0018549	.7724011	-.003897	-.000459	13.40304	.1671828
Stddev	.0021499	.0018119	.0037733	.002920	.000261	.05483	.0009784
%RSD	15.66293	97.67962	.4885144	74.93055	56.86930	.4090900	.5852073

#1	.0161276	.0036245	.7740860	-.002624	-.000656	13.45240	.1676677
#2	.0119811	.0019369	.7680789	-.007238	-.000558	13.34402	.1678240
#3	.0130690	.0000035	.7750384	-.001830	-.000163	13.41270	.1660567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016234	.0754234	4.457010	.0230842	.0073202	.0694483	47.24707
Stddev	.0000589	.0004571	.011553	.0003692	.0003495	.0015000	.34091
%RSD	3.628293	.6060669	.2592089	1.599201	4.774498	2.159847	.7215460

#1	.0016184	.0751420	4.468457	.0233001	.0071454	.0711752	47.06880
#2	.0015671	.0751774	4.445353	.0226579	.0077226	.0684693	47.03225
#3	.0016846	.0759509	4.457219	.0232945	.0070925	.0687004	47.64015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710055	1.014332	.0243260	-.002210	-.491204	.0557737	12.92698
Stddev	.0013659	.018161	.0003622	.000408	.307135	.0102394	.06266
%RSD	.7987325	1.790481	1.489083	18.45551	62.52702	18.35879	.4847052

#1	.1718422	.995367	.0239865	-.001845	-.368342	.0675908	12.86709
#2	.1694294	1.031565	.0242843	-.002650	-.840751	.0501969	12.99208
#3	.1717450	1.016065	.0247073	-.002134	-.264520	.0495332	12.92178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8583042	.8280011	.0386796	.0014029	1.714621	.8335414	-.000499
Stddev	.0277916	.0043684	.0008226	.0002253	.009367	.0042656	.000757
%RSD	3.237964	.5275869	2.126814	16.05731	.5462954	.5117451	151.8432

#1	.8283451	.8245163	.0380168	.0012264	1.717309	.8349790	-.000313
#2	.8832441	.8329019	.0396003	.0016566	1.704204	.8287428	-.001331
#3	.8633235	.8265852	.0384218	.0013256	1.722350	.8369026	.000149

Sample Name: K1327-05DLX5 Acquired: 02/08/2019 19:59:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0514029	.0026128	.0116875
Stddev	.0011485	.0003665	.0000425
%RSD	2.234354	14.02792	.3635264

#1	.0501070	.0029124	.0117150
#2	.0518071	.0022041	.0117089
#3	.0522948	.0027219	.0116385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.269	2075.958	39931.97	3562.667	3099.327
Stddev	7.283	10.281	133.86	16.373	12.359
%RSD	.3828793	.4952258	.3352102	.4595748	.3987550

#1	1909.617	2085.196	40076.37	3560.600	3108.039
#2	1895.052	2077.795	39907.52	3579.975	3104.759
#3	1902.139	2064.883	39812.03	3547.425	3085.182

Sample Name: K1327-16DLX10 Acquired: 02/08/2019 20:12:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001625	-.000046	.1692962	.0012792	-.001014	.2007103	.0042176
Stddev	.000905	.002203	.0002844	.0013620	.001831	.0134464	.0004318
%RSD	55.68632	4761.991	.1680097	106.4710	180.6041	6.699393	10.23766

#1	-.000748	-.000096	.1695341	.0027907	-.000893	.1906081	.0046985
#2	-.001572	.002181	.1689812	.0001471	-.002903	.2159724	.0038632
#3	-.002556	-.002223	.1693734	.0008999	.000754	.1955505	.0040910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000786	.0543570	12.83532	.0021114	.0004883	.0328415	3.745079
Stddev	.0000334	.0002674	.28844	.0003812	.0002168	.0061934	.030299
%RSD	42.48817	.4920132	2.247262	18.05360	44.38622	18.85861	.8090319

#1	.0000531	.0541935	13.16577	.0017844	.0005659	.0396140	3.776738
#2	.0001164	.0542119	12.70621	.0020197	.0002435	.0314446	3.716353
#3	.0000663	.0546657	12.63399	.0025300	.0006556	.0274657	3.742146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515349	.9013551	.0039772	.0009162	-.391284	-.004325	9.643811
Stddev	.0025655	.0530978	.0005738	.0001488	.228822	.003887	.039750
%RSD	4.978160	5.890891	14.42840	16.24333	58.47970	89.85985	.4121774

#1	.0540958	.8899828	.0033244	.0007480	-.168653	-.000050	9.680100
#2	.0489649	.9592177	.0044019	.0009696	-.625831	-.007645	9.601328
#3	.0515441	.8548647	.0042054	.0010309	-.379367	-.005280	9.650006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042679	.0845215	-.000852	.0003691	1.423653	.8273612	-.000731
Stddev	.046841	.0013840	.000611	.0000543	.011861	.0152964	.000410
%RSD	109.7538	1.637481	71.70115	14.72514	.8331373	1.848816	56.15038

#1	-.096732	.0844058	-.000595	.0004034	1.410849	.8450021	-.001128
#2	-.013985	.0831989	-.001550	.0003973	1.425843	.8193013	-.000755
#3	-.017319	.0859597	-.000412	.0003064	1.434266	.8177803	-.000309

Sample Name: K1327-16DLX10 Acquired: 02/08/2019 20:12:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039363	-.003918	.0035814
Stddev	.0008122	.000693	.0001766
%RSD	20.63297	17.67928	4.930097

#1	.0031597	-.003293	.0037466
#2	.0038693	-.003798	.0036021
#3	.0047799	-.004662	.0033954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.050	2008.809	38341.74	3375.375	3091.409
Stddev	28.389	1.875	540.60	71.258	3.176
%RSD	1.547051	.0933601	1.409962	2.111104	.1027246

#1	1812.275	2010.020	37906.47	3294.925	3095.041
#2	1866.856	2006.649	38946.88	3430.550	3090.028
#3	1826.018	2009.759	38171.86	3400.650	3089.157

Sample Name: K1327-08DLX2 Acquired: 02/08/2019 20:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367417	.0018168	.5996710	-.009332	.0016079	66.03206	.5119404
Stddev	.0007694	.0010975	.0033013	.003756	.0022308	.33463	.0014460
%RSD	2.093951	60.40686	.5505257	40.24670	138.7462	.5067760	.2824584

#1	.0369822	.0007204	.5971689	-.012005	.0009332	65.77185	.5135918
#2	.0373621	.0029154	.5984313	-.010952	-.000208	65.91477	.5113285
#3	.0358809	.0018146	.6034127	-.005038	.004098	66.40955	.5109010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051209	.0792812	19.75767	.0851350	.0395141	.0612737	133.6431
Stddev	.0000507	.0004172	.02117	.0010920	.0002648	.0054296	.9214
%RSD	.9898733	.5261816	.1071648	1.282688	.6702181	8.861276	.6894595

#1	.0050625	.0791775	19.75461	.0848793	.0392154	.0651730	132.6859
#2	.0051475	.0789257	19.73819	.0863321	.0397201	.0550723	133.7194
#3	.0051528	.0797405	19.78021	.0841935	.0396068	.0635758	134.5240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.685393	4.958434	.0417630	-.008193	-.494738	.2728931	16.13835
Stddev	.019856	.046652	.0005486	.000311	.102635	.0064178	.33151
%RSD	1.178138	.9408598	1.313529	3.792606	20.74534	2.351779	2.054156

#1	1.666653	4.918588	.0411302	-.008115	-.417481	.2726775	15.88643
#2	1.683322	5.009752	.0420540	-.008535	-.611196	.2665857	16.51391
#3	1.706203	4.946962	.0421047	-.007928	-.455536	.2794160	16.01470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.042316	.8690346	.1050828	.0030445	1.375536	1.175277	.0021082
Stddev	.053471	.0047720	.0003286	.0001794	.012197	.013440	.0007364
%RSD	1.757586	.5491131	.3126972	5.892348	.8867340	1.143556	34.92955

#1	2.985163	.8647620	.1049437	.0029720	1.365865	1.170229	.0022702
#2	3.050659	.8681576	.1054581	.0032487	1.371505	1.165092	.0013043
#3	3.091125	.8741843	.1048467	.0029127	1.389239	1.190510	.0027502

Sample Name: K1327-08DLX2 Acquired: 02/08/2019 20:07:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFF4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1062005	.0196796	.0398965
Stddev	.0019565	.0019566	.0001485
%RSD	1.842222	9.942358	.3722536

#1	.1040815	.0174203	.0400282
#2	.1065816	.0208120	.0399258
#3	.1079384	.0208065	.0397355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.359	2084.048	39849.89	3593.104	3068.865
Stddev	35.053	9.131	964.73	35.374	13.576
%RSD	1.849416	.4381464	2.420918	.9845022	.4423828

#1	1929.228	2082.629	40453.64	3611.344	3072.404
#2	1859.231	2093.806	38737.25	3615.636	3080.322
#3	1897.616	2075.710	40358.76	3552.333	3053.870

Sample Name: K1327-19DLX10 Acquired: 02/08/2019 20:16:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051677	.0013358	1.433350	.0009650	-.002287	9.011881	.0802112
Stddev	.0012561	.0007559	.010570	.0022684	.002296	.110583	.0010342
%RSD	24.30729	56.58910	.7374039	235.0556	100.3907	1.227085	1.289394

#1	.0046708	.0006757	1.425166	-.001610	-.004846	9.138686	.0814051
#2	.0065962	.0011713	1.429602	.002668	-.001604	8.935474	.0796401
#3	.0042360	.0021605	1.445283	.001837	-.000410	8.961484	.0795886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009401	.0770161	4.490101	.0153125	.0078485	.0628541	18.68373
Stddev	.0000244	.0007912	.044357	.0003213	.0003400	.0049198	.06747
%RSD	2.598870	1.027312	.9878777	2.098034	4.332186	7.827344	.3611249

#1	.0009683	.0764158	4.537100	.0149427	.0077326	.0661497	18.73108
#2	.0009249	.0767199	4.484231	.0154721	.0075816	.0571990	18.71364
#3	.0009271	.0779127	4.448971	.0155226	.0082313	.0652137	18.60648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2288627	1.049259	.0155677	-.000007	-.382438	.0280504	11.62129
Stddev	.0031917	.073814	.0008595	.000338	.397836	.0025004	.20902
%RSD	1.394600	7.034906	5.521122	4926.631	104.0262	8.914070	1.798610

#1	.2320140	1.120624	.0148646	-.000276	-.835985	.0252526	11.76861
#2	.2256321	.973218	.0153127	.000372	-.092461	.0300670	11.71320
#3	.2289421	1.053934	.0165259	-.000117	-.218867	.0288317	11.38206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5579418	.3444874	.0125330	.0006421	1.752208	.5265219	-.000526
Stddev	.0509248	.0084924	.0017059	.0002288	.013535	.0055874	.000443
%RSD	9.127257	2.465237	13.61133	35.62879	.7724514	1.061200	84.14469

#1	.5080047	.3376775	.0125827	.0005895	1.741316	.5322631	-.000017
#2	.5560209	.3417817	.0142134	.0004442	1.747948	.5211021	-.000818
#3	.6097999	.3540030	.0108027	.0008926	1.767361	.5262006	-.000744

Sample Name: K1327-19DLX10 Acquired: 02/08/2019 20:16:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0182095	-.001265	.0077187
Stddev	.0022719	.002783	.0001454
%RSD	12.47668	220.0343	1.883907

#1	.0156194	-.000608	.0077666
#2	.0191437	.001131	.0078341
#3	.0198654	-.004317	.0075554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.053	2026.672	39150.81	3410.967	3092.103
Stddev	28.036	10.323	246.90	38.552	17.158
%RSD	1.497616	.5093769	.6306491	1.130224	.5548899

#1	1864.986	2028.836	39050.04	3369.650	3097.367
#2	1848.227	2035.742	38970.23	3417.275	3106.012
#3	1902.947	2015.438	39432.17	3445.975	3072.930

Sample Name: K1327-20DLX2 Acquired: 02/08/2019 20:20:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292037	-.000060	1.853771	-.005403	-.002161	24.12697	.4395696
Stddev	.0033973	.000744	.006447	.001870	.000795	.02717	.0015806
%RSD	11.63319	1232.950	.3477819	34.61672	36.80204	.1125950	.3595748

#1	.0277517	-.000089	1.850554	-.004078	-.001243	24.12353	.4405378
#2	.0267737	-.000789	1.849565	-.004589	-.002608	24.15569	.4404253
#3	.0330858	.000697	1.861193	-.007543	-.002632	24.10168	.4377456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035436	.1726723	8.926887	.0465992	.0277272	.2668750	55.24137
Stddev	.0000053	.0006949	.022927	.0001874	.0003672	.0022155	.10282
%RSD	.1500892	.4024284	.2568307	.4021537	1.324396	.8301698	.1861331

#1	.0035381	.1723927	8.921871	.0463961	.0273321	.2689873	55.17363
#2	.0035487	.1721607	8.951906	.0467655	.0277914	.2645690	55.19081
#3	.0035439	.1734634	8.906883	.0466359	.0280580	.2670688	55.35969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.395439	2.012300	.0429431	-.002370	-.321449	.0949348	22.77978
Stddev	.009723	.013849	.0004221	.000075	.378308	.0071319	.13434
%RSD	.6967597	.6882175	.9828785	3.146774	117.6884	7.512400	.5897140

#1	1.384283	1.996835	.0424713	-.002327	-.006796	.1026919	22.79518
#2	1.399919	2.016509	.0430735	-.002328	-.741191	.0934507	22.90575
#3	1.402114	2.023556	.0432847	-.002457	-.216360	.0886617	22.63841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.497069	1.816905	.0453287	.0009606	2.557225	1.272399	.0017298
Stddev	.048620	.009845	.0009249	.0000192	.016239	.005128	.0007866
%RSD	3.247652	.5418821	2.040468	2.000539	.6350182	.4030066	45.47416

#1	1.470798	1.806481	.0463158	.0009394	2.558637	1.276706	.0026116
#2	1.553172	1.818189	.0451882	.0009769	2.540327	1.266727	.0011004
#3	1.467237	1.826046	.0444820	.0009655	2.572712	1.273764	.0014774

Sample Name: K1327-20DLX2 Acquired: 02/08/2019 20:20:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFG4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1051730	.0071162	.0286070
Stddev	.0018971	.0005073	.0000876
%RSD	1.803772	7.128160	.3063381

#1	.1031952	.0068911	.0285414
#2	.1053463	.0067604	.0287065
#3	.1069774	.0076970	.0285731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.325	2201.006	42150.43	3762.092	3105.994
Stddev	21.869	2.752	527.87	7.631	1.686
%RSD	1.091656	.1250441	1.252354	.2028511	.0542861

#1	2006.847	2200.698	42369.55	3765.500	3107.941
#2	1979.908	2198.421	41548.28	3753.350	3105.051
#3	2023.219	2203.900	42533.45	3767.425	3104.992

Sample Name: K1331-02 Acquired: 02/08/2019 20:28:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348713	.0009740	6.356630	-.006272	-.000993	37.51976
Stddev	.0021882	.0015039	.018148	.001239	.000312	.02826
%RSD	6.275180	154.3996	.2854975	19.75989	31.41497	.0753134

#1	.0324443	.0009382	6.341205	-.007200	-.000803	37.52065
#2	.0354762	.0024955	6.352057	-.004865	-.000823	37.49108
#3	.0366935	-.000512	6.376627	-.006751	-.001352	37.54757

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7872135	.0050862	.2201440	36.55218	.0864895	.0723383
Stddev	.0007299	.0000790	.0004349	.06597	.0004986	.0003253
%RSD	.0927247	1.553774	.1975491	.1804942	.5765166	.4497345

#1	.7873792	.0050367	.2196773	36.53464	.0865701	.0726810
#2	.7864149	.0051773	.2202167	36.49674	.0859555	.0720337
#3	.7878463	.0050446	.2205380	36.62515	.0869430	.0723002

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2194478	87.91321	3.004829	5.929061	.0793573	-.004456
Stddev	.0033573	.19828	.001753	.055282	.0004492	.000034
%RSD	1.529869	.2255371	.0583512	.9323922	.5659977	.7660104

#1	.2183818	88.12868	3.002893	5.895367	.0790035	-.004443
#2	.2232086	87.73844	3.005285	5.898955	.0798626	-.004431
#3	.2167529	87.87250	3.006309	5.992862	.0792059	-.004495

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.202570	.2128813	F 31.31923	2.748103	1.860301	.0733745
Stddev	.022917	.0043615	.32716	.076330	.005993	.0002118
%RSD	11.31311	2.048803	1.044605	2.777555	.3221558	.2886127

#1	-.182055	.2087455	31.61033	2.727160	1.853394	.0731392
#2	-.198351	.2174380	30.96516	2.684431	1.863389	.0735499
#3	-.227303	.2124604	31.38221	2.832718	1.864121	.0734344

Sample Name: K1331-02 Acquired: 02/08/2019 20:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026420	8.908607	3.188260	.0028034	.1888096	.0128213
Stddev	.0001370	.025316	.012617	.0007681	.0021938	.0013679
%RSD	5.184466	.2841770	.3957385	27.39975	1.161940	10.66877

#1	.0027317	8.897471	3.179340	.0021174	.1909768	.0143133
#2	.0024844	8.890768	3.202696	.0036333	.1888620	.0125241
#3	.0027101	8.937583	3.182744	.0026595	.1865900	.0116264

Elem	Sr4077
Units	ppm
Avg	.0518642
Stddev	.0000384
%RSD	.0740568

#1	.0518477
#2	.0519081
#3	.0518368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.512	2210.780	42517.63	3761.678	3102.014
Stddev	10.272	1.457	141.87	19.060	3.128
%RSD	.5078810	.0658931	.3336655	.5066879	.1008443

#1	2030.664	2211.877	42569.23	3773.901	3105.226
#2	2010.975	2211.335	42626.48	3739.716	3101.838
#3	2025.898	2209.127	42357.19	3771.416	3098.977

Sample Name: K1331-01 Acquired: 02/08/2019 20:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433181	-.000722	.1334468	-.012763	.0014275	50.77366	.7985751
Stddev	.0037891	.000317	.0018385	.003615	.0007806	.15895	.0027936
%RSD	8.747274	43.93369	1.377722	28.32343	54.68599	.3130488	.3498198

#1	.0402112	-.000944	.1320035	-.015301	.0012035	50.91117	.8009058
#2	.0422035	-.000359	.1328202	-.014363	.0022956	50.59963	.7954784
#3	.0475395	-.000864	.1355167	-.008624	.0007833	50.81018	.7993411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061193	.0594094	21.78901	.1202673	.0638821	.0416540	127.8007
Stddev	.0001387	.0002765	.12773	.0019347	.0005560	.0025968	.7831
%RSD	2.266078	.4653773	.5862289	1.608662	.8703239	6.234324	.6127555

#1	.0061873	.0591115	21.83493	.1219209	.0632723	.0386555	128.4710
#2	.0059598	.0594591	21.64466	.1181396	.0640132	.0431729	126.9399
#3	.0062109	.0596577	21.88743	.1207415	.0643608	.0431336	127.9911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.679833	4.195984	.0511667	-.006687	-.441683	.3514111	8.333629
Stddev	.029216	.084136	.0004808	.000620	.049344	.0013877	.054115
%RSD	.6243002	2.005165	.9396233	9.265512	11.17184	.3948975	.6493609

#1	4.713469	4.221447	.0506151	-.006241	-.468244	.3525342	8.348529
#2	4.665265	4.102057	.0514971	-.006426	-.472056	.3498597	8.273625
#3	4.660765	4.264448	.0513879	-.007395	-.384747	.3518393	8.378734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408028	1.231180	.1027698	.0025569	.6341361	3.358534	.0014489
Stddev	.088991	.004764	.0006391	.0002219	.0049966	.046165	.0014053
%RSD	3.695594	.3869411	.6218966	8.679595	.7879334	1.374547	96.98910

#1	2.505702	1.235728	.1030552	.0023727	.6343123	3.381836	.0011765
#2	2.386835	1.226226	.1032165	.0028033	.6290537	3.305363	.0001998
#3	2.331547	1.231585	.1020377	.0024948	.6390422	3.388404	.0029705

Sample Name: K1331-01 Acquired: 02/08/2019 20:24:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2178156	.0161931	.0486467
Stddev	.0030375	.0004941	.0002664
%RSD	1.394526	3.051186	.5475968

#1	.2179692	.0166615	.0488813
#2	.2147042	.0156768	.0483571
#3	.2207734	.0162409	.0487016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.719	2200.395	42756.37	3763.475	3103.935
Stddev	18.342	5.699	518.73	33.883	7.461
%RSD	.9005437	.2589863	1.213217	.9003169	.2403833

#1	2022.100	2205.762	42288.95	3749.526	3112.162
#2	2057.300	2201.008	43314.45	3802.106	3102.034
#3	2030.758	2194.415	42665.70	3738.793	3097.607

Sample Name: K1331-04 Acquired: 02/08/2019 20:36:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338174	.0014175	1.154553	-.010006	.0011256	54.63621	.8261619
Stddev	.0016774	.0018924	.006433	.001863	.0011516	.20573	.0017766
%RSD	4.960204	133.5060	.5571973	18.61663	102.3066	.3765490	.2150450

#1	.0335400	-.000762	1.149307	-.011111	.0024378	54.86633	.8260678
#2	.0322960	.002649	1.152622	-.007855	.0002830	54.57225	.8279836
#3	.0356162	.002365	1.161731	-.011051	.0006560	54.47006	.8244341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059594	.2955445	18.75253	.0800346	.0463237	.0825825	121.9112
Stddev	.0000954	.0011085	.02482	.0008076	.0005518	.0018154	.3717
%RSD	1.601560	.3750609	.1323422	1.009109	1.191119	2.198323	.3048586

#1	.0060446	.2951601	18.77951	.0797706	.0464466	.0830437	122.2859
#2	.0058563	.2946793	18.73066	.0809412	.0457209	.0841228	121.9049
#3	.0059774	.2967940	18.74743	.0793919	.0468037	.0805809	121.5427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.183995	4.966759	.0683992	-.006754	-.443225	.2207965	16.69493
Stddev	.020656	.203868	.0005204	.000466	.136942	.0002328	.08426
%RSD	.6487599	4.104645	.7608790	6.905113	30.89671	.1054551	.5047223

#1	3.206595	5.201817	.0678987	-.006588	-.353337	.2209663	16.61037
#2	3.179302	4.860322	.0689375	-.006394	-.375506	.2208921	16.69553
#3	3.166090	4.838138	.0683615	-.007281	-.600834	.2205310	16.77889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.196302	1.856251	.1035518	.0019213	1.525573	3.861844	.0062340
Stddev	.039438	.003791	.0017113	.0002841	.003089	.035705	.0006329
%RSD	1.233854	.2042123	1.652558	14.78586	.2024801	.9245577	10.15208

#1	3.150771	1.856450	.1036989	.0021560	1.525123	3.896392	.0055834
#2	3.219816	1.852364	.1017718	.0020024	1.522733	3.864055	.0062712
#3	3.218318	1.859938	.1051848	.0016055	1.528862	3.825085	.0068475

Sample Name: K1331-04 Acquired: 02/08/2019 20:36:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2285400	.0186198	.0542616
Stddev	.0026505	.0016688	.0001752
%RSD	1.159743	8.962491	.3229249

#1	.2313767	.0182023	.0544511
#2	.2281166	.0171993	.0541054
#3	.2261267	.0204577	.0542282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.898	2213.962	42673.82	3789.240	3101.600
Stddev	6.671	6.133	108.78	16.329	13.267
%RSD	.3292933	.2770278	.2549180	.4309295	.4277429

#1	2033.599	2217.784	42706.21	3777.229	3107.576
#2	2021.901	2217.214	42552.52	3782.657	3110.827
#3	2022.194	2206.887	42762.73	3807.833	3086.396

Sample Name: K1331-03 Acquired: 02/08/2019 20:32:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634167	-.000067	.3656481	-.014470	.0032758	43.92208	.6184810
Stddev	.0036639	.002421	.0028389	.002667	.0013807	.65788	.0092679
%RSD	5.777432	3630.110	.7764116	18.43233	42.14984	1.497825	1.498494

#1	.0593761	-.002719	.3624128	-.017549	.0022543	44.21975	.6229914
#2	.0665228	.002025	.3668087	-.013009	.0027264	44.37851	.6246303
#3	.0643511	.000494	.3677229	-.012853	.0048466	43.16798	.6078212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060369	.0684639	15.80458	.1945660	.0491043	.0503883	174.2925
Stddev	.0001146	.0002199	.23107	.0010945	.0001967	.0042838	2.8630
%RSD	1.898767	.3211600	1.462031	.5625220	.4006557	8.501499	1.642649

#1	.0060567	.0685180	15.92970	.1945768	.0492977	.0500970	175.9071
#2	.0061402	.0686516	15.94611	.1934661	.0489044	.0548103	175.9835
#3	.0059136	.0682220	15.53794	.1956550	.0491109	.0462576	170.9869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.466379	3.044356	.0362708	-.010604	-.647730	.4102276	4.085391
Stddev	.025696	.085459	.0003893	.000507	.138732	.0051874	.026660
%RSD	1.752368	2.807133	1.073296	4.783638	21.41826	1.264511	.6525611

#1	1.479885	3.142686	.0359947	-.011042	-.807898	.4042461	4.077231
#2	1.482507	2.988002	.0361017	-.010048	-.570146	.4134916	4.063764
#3	1.436747	3.002381	.0367161	-.010720	-.565144	.4129452	4.115177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792374	1.269905	.1383992	.0060296	.7199778	2.814045	.0022312
Stddev	.041319	.005195	.0051777	.0003666	.0031085	.026428	.0005229
%RSD	2.305285	.4090787	3.741130	6.080306	.4317424	.9391590	23.43451

#1	1.808313	1.266140	.1431416	.0056117	.7217779	2.810858	.0016503
#2	1.823350	1.267744	.1391810	.0062970	.7163884	2.841922	.0023793
#3	1.745459	1.275832	.1328751	.0061800	.7217670	2.789355	.0026641

Sample Name: K1331-03 Acquired: 02/08/2019 20:32:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2599232	.0093315	.0370851
Stddev	.0009793	.0034593	.0003790
%RSD	.3767725	37.07114	1.022091

#1	.2610490	.0119811	.0372999
#2	.2592679	.0054180	.0373081
#3	.2594529	.0105955	.0366475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.728	2129.535	40864.07	3632.834	3105.247
Stddev	15.930	2.570	335.07	62.591	4.132
%RSD	.8204147	.1206788	.8199505	1.722922	.1330503

#1	1923.689	2131.090	40490.90	3602.257	3109.817
#2	1947.632	2130.945	41139.13	3591.409	3101.777
#3	1953.863	2126.568	40962.16	3704.836	3104.146

Sample Name: K1331-06 Acquired: 02/08/2019 20:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938972	.0093475	.2030648	-.049402	.0115433	122.4403	.6661433
Stddev	.0009065	.0032885	.0032184	.001939	.0005554	.1284	.0001747
%RSD	.9654437	35.18032	1.584925	3.925662	4.810973	.1048433	.0262317

#1	.0929235	.0092023	.2010879	-.050363	.0117347	122.5380	.6660053
#2	.0940511	.0127062	.2013279	-.050674	.0109176	122.2949	.6663398
#3	.0947169	.0061340	.2067785	-.047170	.0119777	122.4880	.6660849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163385	.0422597	17.24090	.4292328	.1563354	.0744507	475.2184
Stddev	.0001603	.0001849	.05679	.0017361	.0006884	.0040985	1.6421
%RSD	.9814120	.4375365	.3293720	.4044680	.4403232	5.504997	.3455415

#1	.0165101	.0421092	17.27103	.4286625	.1557005	.0738876	476.0690
#2	.0161925	.0422039	17.17539	.4311824	.1562386	.0788016	473.3256
#3	.0163127	.0424661	17.27626	.4278537	.1570670	.0706628	476.2607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.421776	7.353517	.1142324	-.031330	-1.17589	.5584108	4.552478
Stddev	.013851	.125378	.0004724	.000954	.34599	.0033729	.010188
%RSD	.4047932	1.705007	.4135090	3.044959	29.42343	.6040112	.2237969

#1	3.414101	7.279369	.1145203	-.030665	-1.57505	.5615817	4.561715
#2	3.413462	7.498276	.1136873	-.030903	-.99067	.5548670	4.554169
#3	3.437766	7.282904	.1144897	-.032423	-.96194	.5587838	4.541550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021372	2.350712	.3696177	.0102915	1.452095	3.609495	.0084793
Stddev	.195857	.011975	.0154745	.0002910	.010012	.025384	.0003581
%RSD	3.900466	.5093988	4.186609	2.827160	.6895031	.7032620	4.223370

#1	5.210016	2.338460	.3643339	.0102415	1.461323	3.622531	.0080658
#2	4.819022	2.351287	.3574771	.0100289	1.441449	3.625714	.0086860
#3	5.035080	2.362388	.3870420	.0106043	1.453513	3.580242	.0086862

Sample Name: K1331-06 Acquired: 02/08/2019 20:44:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4422152	.0365053	.0665421
Stddev	.0014120	.0023475	.0002755
%RSD	.3193058	6.430691	.4140891

#1	.4422686	.0380131	.0668170
#2	.4407772	.0377022	.0665435
#3	.4435997	.0338005	.0662659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.123	2186.829	42285.49	3715.265	3042.175
Stddev	6.150	6.926	173.45	19.617	11.155
%RSD	.3068708	.3167123	.4101776	.5280101	.3666944

#1	2001.923	2189.147	42293.22	3701.187	3044.747
#2	1999.375	2192.299	42108.31	3706.936	3051.819
#3	2011.071	2179.042	42454.94	3737.672	3029.958

Sample Name: K1331-05 Acquired: 02/08/2019 20:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1202723	.0110381	.3873917	-.046572	.0104911	100.3804	.7366961
Stddev	.0039150	.0021153	.0013744	.004073	.0015023	.2561	.0040613
%RSD	3.255117	19.16347	.3547828	8.745430	14.31949	.2550829	.5512828

#1	.1225568	.0120635	.3881792	-.042591	.0118664	100.6258	.7404657
#2	.1225084	.0124453	.3858047	-.046395	.0107188	100.1149	.7323954
#3	.1157518	.0086056	.3881911	-.050731	.0088879	100.4006	.7372274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152477	.1166517	16.73104	.6455159	.0604350	.1098202	477.8857
Stddev	.0002461	.0005617	.05016	.0022814	.0000474	.0038321	2.0733
%RSD	1.614170	.4814753	.2998166	.3534206	.0783622	3.489475	.4338574

#1	.0152909	.1161682	16.73967	.6478718	.0603871	.1134132	478.8098
#2	.0149828	.1165193	16.67712	.6453586	.0604361	.1057869	475.5110
#3	.0154694	.1172678	16.77633	.6433172	.0604818	.1102603	479.3364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.279064	8.587197	.1300136	-.031971	-.621606	.6240614	14.08171
Stddev	.005988	.107495	.0011210	.000193	.290901	.0093206	.07190
%RSD	.4681312	1.251802	.8622072	.6022875	46.79829	1.493540	.5105860

#1	1.280251	8.709759	.1291102	-.031974	-.291150	.6296242	14.16240
#2	1.272572	8.508918	.1296625	-.032162	-.734654	.6292591	14.05826
#3	1.284370	8.542913	.1312681	-.031777	-.839014	.6133010	14.02446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.879512	3.117622	.3665077	.0097056	5.051373	3.737579	.0080921
Stddev	.112040	.012284	.0056258	.0001761	.036889	.043026	.0015570
%RSD	2.887994	.3940115	1.534970	1.814797	.7302694	1.151178	19.24051

#1	3.945720	3.107332	.3724975	.0098864	5.027016	3.726367	.0066557
#2	3.750152	3.114311	.3613354	.0096960	5.033289	3.701268	.0097466
#3	3.942665	3.131221	.3656900	.0095345	5.093814	3.785101	.0078739

Sample Name: K1331-05 Acquired: 02/08/2019 20:40:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3514970	.0240069	.0461275
Stddev	.0011386	.0035261	.0003531
%RSD	.3239384	14.68764	.7655291

#1	.3501917	.0204221	.0465344
#2	.3520138	.0241275	.0459014
#3	.3522857	.0274711	.0459467

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.913	2124.631	41386.70	3609.969	3045.992
Stddev	11.422	8.053	199.44	15.274	15.675
%RSD	.5848822	.3790330	.4818865	.4231120	.5146133

#1	1942.871	2128.553	41255.00	3609.444	3057.248
#2	1950.529	2129.972	41288.95	3625.499	3052.640
#3	1965.339	2115.369	41616.15	3594.964	3028.089

Sample Name: K1331-09 Acquired: 02/08/2019 20:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1375228	.0072377	.5344941	-.035442	.0076503	77.16083	.7193470
Stddev	.0042022	.0007092	.0021523	.005246	.0017464	.85704	.0050200
%RSD	3.055638	9.798682	.4026843	14.80038	22.82787	1.110723	.6978498

#1	.1390692	.0080544	.5320131	-.034211	.0074820	77.26562	.7169432
#2	.1327665	.0068817	.5356091	-.041193	.0059941	76.25622	.7159809
#3	.1407327	.0067770	.5358602	-.030921	.0094748	77.96067	.7251168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111535	.0017890	16.26125	.3227179	.1760079	.0383647	346.8092
Stddev	.0001144	.0002162	.19763	.0004979	.0007839	.0016667	5.5412
%RSD	1.025948	12.08671	1.215355	.1542745	.4453971	4.344239	1.597765

#1	.0111365	.0016979	16.24660	.3228198	.1751134	.0402762	348.4464
#2	.0110486	.0020359	16.07136	.3231569	.1765755	.0372160	340.6339
#3	.0112755	.0016332	16.46580	.3221769	.1763347	.0376018	351.3474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.807735	4.155197	.0618537	-.020828	-.656572	.7842636	.1859938
Stddev	.190087	.144958	.0005288	.000466	.203242	.0177924	.0104246
%RSD	2.158180	3.488591	.8548806	2.237627	30.95507	2.268673	5.604820

#1	8.899000	4.178346	.0612432	-.021176	-.428885	.7840212	.1841701
#2	8.589227	4.000058	.0621514	-.021010	-.721158	.7665936	.1972099
#3	8.934978	4.287187	.0621664	-.020299	-.819673	.8021759	.1766013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.166814	1.368897	.2717153	.0092292	.8749582	2.945095	.0050085
Stddev	.090702	.005792	.0045995	.0000737	.0011382	.066099	.0007134
%RSD	4.185945	.4230915	1.692759	.7990066	.1300877	2.244386	14.24472

#1	2.063452	1.362275	.2766562	.0092901	.8762657	2.970196	.0052831
#2	2.203866	1.373019	.2675579	.0092501	.8744199	2.870122	.0041985
#3	2.233124	1.371396	.2709320	.0091472	.8741889	2.994967	.0055438

Sample Name: K1331-09 Acquired: 02/08/2019 20:56:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2445616	.0192702	.0578374
Stddev	.0053378	.0015389	.0005093
%RSD	2.182587	7.985942	.8806397

#1	.2418177	.0183955	.0572811
#2	.2411538	.0210471	.0579502
#3	.2507132	.0183680	.0582809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.997	2137.053	41405.46	3609.860	3098.850
Stddev	10.999	7.131	3.50	65.969	6.358
%RSD	.5554992	.3336921	.0084426	1.827459	.2051767

#1	1985.306	2142.019	41404.71	3613.602	3103.850
#2	1967.351	2128.881	41402.40	3673.877	3091.694
#3	1987.335	2140.257	41409.27	3542.099	3101.006

Sample Name: K1331-08 Acquired: 02/08/2019 20:52:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341648	.0000672	.1806590	-.004271	.0016960	51.55745	.8846380
Stddev	.0029528	.0020067	.0007125	.002955	.0011907	.24853	.0050586
%RSD	8.642738	2986.516	.3943606	69.19918	70.20444	.4820404	.5718270

#1	.0364249	-.002232	.1800139	-.001316	.0029785	51.84112	.8900358
#2	.0308239	.000967	.1805394	-.007227	.0014838	51.37798	.8800059
#3	.0352455	.001466	.1814236	-.004269	.0006258	51.45326	.8838724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060101	.0369835	22.89052	.1012533	.0414317	.0393633	100.3946
Stddev	.0000792	.0001283	.04963	.0005807	.0001109	.0017868	.6307
%RSD	1.317680	.3468443	.2168167	.5735364	.2677064	4.539264	.6282188

#1	.0060173	.0369973	22.92615	.1016164	.0413100	.0389658	101.1051
#2	.0060854	.0368489	22.83383	.1005835	.0415271	.0378087	100.1780
#3	.0059275	.0371044	22.91159	.1015600	.0414581	.0413153	99.9008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235970	3.681501	.0506204	-.005894	-.430791	.2959791	7.058471
Stddev	.008617	.103724	.0006585	.000160	.283714	.0044902	.053650
%RSD	.6971463	2.817446	1.300776	2.718801	65.85876	1.517074	.7600734

#1	1.245657	3.717470	.0513804	-.005732	-.606828	.2997120	7.106662
#2	1.233091	3.762452	.0502208	-.006052	-.582046	.2972290	7.068086
#3	1.229161	3.564580	.0502600	-.005897	-.103499	.2909964	7.000663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.145794	1.153420	.0807895	.0024928	.7860577	2.875683	.0024512
Stddev	.025093	.007382	.0010840	.0002846	.0045434	.026000	.0001604
%RSD	1.169392	.6399680	1.341807	11.41590	.5779966	.9041297	6.545170

#1	2.171611	1.154977	.0806517	.0024333	.7888827	2.890883	.0023074
#2	2.121495	1.145384	.0797809	.0022427	.7808168	2.890504	.0024221
#3	2.144277	1.159899	.0819358	.0028024	.7884736	2.845661	.0026243

Sample Name: K1331-08 Acquired: 02/08/2019 20:52:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1878171	.0166430	.0483284
Stddev	.0012233	.0018719	.0001075
%RSD	.6513372	11.24758	.2223563

#1	.1880352	.0163743	.0483584
#2	.1889167	.0149200	.0482091
#3	.1864994	.0186348	.0484176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.216	2257.797	43280.66	3780.097	3157.537
Stddev	13.007	10.490	135.97	2.902	16.324
%RSD	.6304230	.4646270	.3141571	.0767689	.5169791

#1	2075.340	2250.960	43223.75	3777.368	3146.339
#2	2049.477	2269.875	43435.84	3779.778	3176.267
#3	2064.831	2252.555	43182.40	3783.146	3150.007

Sample Name: K1331-11 Acquired: 02/08/2019 21:04:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645657	-.003597	.3166122	-.022137	.0034620	159.9040	1.822586
Stddev	.0032702	.003398	.0018525	.000211	.0013188	.7801	.003802
%RSD	5.064953	94.46518	.5850913	.9510711	38.09473	.4878558	.2086202

#1	.0663046	-.007112	.3158814	-.022091	.0027557	160.3756	1.823125
#2	.0607934	-.000330	.3187186	-.022367	.0049835	160.3328	1.826090
#3	.0665990	-.003349	.3152366	-.021954	.0026467	159.0035	1.818543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157825	.0715074	34.72060	.1902323	.1032170	.0964236	250.6649
Stddev	.0002038	.0004631	.14550	.0011392	.0008061	.0018408	3.0257
%RSD	1.291506	.6476593	.4190476	.5988653	.7809257	1.909039	1.207065

#1	.0158700	.0712695	34.59386	.1891070	.1023306	.0942998	253.2470
#2	.0159279	.0712116	34.87948	.1902051	.1034142	.0974120	251.4120
#3	.0155495	.0720411	34.68847	.1913850	.1039061	.0975591	247.3356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8937673	11.32352	.1414135	-.016775	-.629439	.3628992	6.191291
Stddev	.0103363	.08642	.0009231	.000356	.075299	.0059652	.053631
%RSD	1.156492	.7632049	.6527621	2.124625	11.96286	1.643752	.8662359

#1	.9015033	11.42166	.1415224	-.017106	-.695809	.3568823	6.137782
#2	.8977704	11.29015	.1404408	-.016822	-.644896	.3630041	6.191047
#3	.8820281	11.25877	.1422773	-.016397	-.547610	.3688113	6.245043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.757176	1.273067	.1962024	.0033050	1.422031	1.712110	.0097121
Stddev	.044364	.007055	.0063227	.0000592	.003200	.026290	.0006453
%RSD	.7705837	.5541999	3.222523	1.792876	.2250341	1.535534	6.643951

#1	5.723506	1.269095	.2034930	.0032406	1.418395	1.733127	.0089751
#2	5.807446	1.268893	.1922238	.0033171	1.424416	1.720573	.0099858
#3	5.740577	1.281213	.1928903	.0033572	1.423283	1.682631	.0101754

Sample Name: K1331-11 Acquired: 02/08/2019 21:04:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1850406	.0321850	.1444848
Stddev	.0013804	.0009053	.0003401
%RSD	.7460126	2.812741	.2353947

#1	.1835311	.0311578	.1442074
#2	.1862387	.0328664	.1448643
#3	.1853520	.0325308	.1443828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.559	2753.481	53313.19	4705.530	3014.651
Stddev	25.393	6.488	156.91	24.700	9.393
%RSD	1.006244	.2356155	.2943207	.5249101	.3115810

#1	2543.519	2752.309	53494.37	4696.004	3017.852
#2	2532.181	2760.474	53224.32	4687.013	3022.025
#3	2494.978	2747.659	53220.89	4733.575	3004.076

Sample Name: K1331-10 Acquired: 02/08/2019 21:00:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682539	.0025913	1.115948	-.019669	.0042349	60.23872	.8661174
Stddev	.0003169	.0026912	.009035	.001350	.0011109	.38163	.0033504
%RSD	.4642928	103.8565	.8095873	6.862830	26.23203	.6335348	.3868245

#1	.0683261	.0056728	1.106818	-.018455	.0033365	59.88779	.8650885
#2	.0685285	.0013985	1.116143	-.021123	.0054770	60.64501	.8698616
#3	.0679071	.0007026	1.124884	-.019430	.0038912	60.18336	.8634022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069740	.1482369	20.01557	.1959853	.1800943	.1121040	210.6605
Stddev	.0001381	.0010290	.11728	.0002722	.0012013	.0080250	2.3759
%RSD	1.980529	.6941688	.5859375	.1389025	.6670393	7.158540	1.127839

#1	.0068145	.1471228	20.05267	.1962502	.1788002	.1030289	209.0525
#2	.0070549	.1484362	20.10981	.1959995	.1803090	.1182644	213.3895
#3	.0070526	.1491517	19.88423	.1957063	.1811738	.1150186	209.5394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.764553	3.758995	.0631418	-.012759	-.932575	.4264092	12.69493
Stddev	.111464	.024425	.0008183	.000252	.427249	.0137752	.02551
%RSD	1.271756	.6497802	1.295909	1.973546	45.81396	3.230499	.2009220

#1	8.684158	3.767374	.0626466	-.012739	-.480154	.4289534	12.68133
#2	8.891794	3.778128	.0626925	-.012518	-1.32916	.4387348	12.67910
#3	8.717706	3.731483	.0640863	-.013020	-.98841	.4115393	12.72435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209211	1.699605	.1715034	.0053025	1.242915	2.596728	.0040947
Stddev	.025361	.014214	.0039233	.0003315	.009049	.035370	.0006756
%RSD	.7902460	.8362956	2.287614	6.252003	.7280473	1.362106	16.50083

#1	3.223946	1.684022	.1692897	.0049519	1.233346	2.558374	.0047450
#2	3.179928	1.711858	.1760333	.0056109	1.251334	2.628061	.0041427
#3	3.223761	1.702934	.1691873	.0053447	1.244066	2.603749	.0033963

Sample Name: K1331-10 Acquired: 02/08/2019 21:00:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2767412	.0186768	.0335098
Stddev	.0022125	.0010432	.0000256
%RSD	.7994829	5.585685	.0763507

#1	.2772709	.0180593	.0335037
#2	.2786407	.0198813	.0334878
#3	.2743119	.0180898	.0335379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.679	2164.288	41571.81	3660.033	3123.702
Stddev	8.877	3.199	269.68	7.009	10.134
%RSD	.4465975	.1477946	.6487091	.1915017	.3244281

#1	1982.343	2167.903	41381.34	3667.978	3135.239
#2	1997.926	2163.134	41880.40	3657.398	3119.628
#3	1982.767	2161.826	41453.70	3654.724	3116.239

Sample Name: K1331-13 Acquired: 02/08/2019 21:12:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGA FM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650672	.0033648	.1445013	-.019779	.0049617	135.6202	1.335960
Stddev	.0024754	.0017942	.0004758	.002208	.0009301	.7405	.007670
%RSD	3.804430	53.32297	.3292949	11.16547	18.74492	.5459892	.5741045

#1	.0678559	.0054131	.1443360	-.021443	.0040041	135.8476	1.338072
#2	.0631295	.0026094	.1441302	-.017274	.0058615	134.7927	1.327456
#3	.0642162	.0020717	.1450377	-.020620	.0050195	136.2202	1.342353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094429	.0036516	23.63550	.1658171	.0465995	.0856221	220.6776
Stddev	.0001346	.0001523	.10813	.0006874	.0004039	.0070039	1.9782
%RSD	1.425138	4.172185	.4574764	.4145733	.8668559	8.179992	.8964083

#1	.0094897	.0034801	23.68581	.1651559	.0462473	.0891830	222.2606
#2	.0092912	.0037711	23.51139	.1665281	.0465108	.0775532	218.4600
#3	.0095479	.0037037	23.70931	.1657672	.0470404	.0901300	221.3123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8776336	9.829791	.0650766	-.014029	.3645808	.4231797	.3899342
Stddev	.0014797	.147258	.0006966	.000289	.1917513	.0027670	.0093072
%RSD	.1685950	1.498075	1.070396	2.059433	52.59502	.6538619	2.386872

#1	.8793133	9.724227	.0654381	-.013997	.2981245	.4199907	.3977951
#2	.8770645	9.767130	.0642736	-.014332	.5807194	.4246033	.3796571
#3	.8765230	9.998016	.0655181	-.013757	.2148984	.4249451	.3923504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.565969	1.287755	.1787660	.0052378	2.025059	2.309565	.0064116
Stddev	.087298	.007215	.0029492	.0001883	.003584	.030161	.0002524
%RSD	1.911920	.5603092	1.649742	3.595441	.1770020	1.305909	3.936030

#1	4.522781	1.289976	.1812332	.0052252	2.027111	2.304876	.0065775
#2	4.508683	1.279690	.1754996	.0054321	2.027146	2.282023	.0065361
#3	4.666442	1.293599	.1795651	.0050561	2.020920	2.341795	.0061212

Sample Name: K1331-13 Acquired: 02/08/2019 21:12:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2059663	.0426098	.1152099
Stddev	.0039098	.0014632	.0007870
%RSD	1.898283	3.434057	.6831210

#1	.2055657	.0432987	.1155857
#2	.2100610	.0409293	.1143054
#3	.2022721	.0436014	.1157385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.450	2262.748	43485.83	3828.713	3104.151
Stddev	8.602	5.219	114.15	22.816	7.566
%RSD	.4176821	.2306292	.2624931	.5959171	.2437503

#1	2049.535	2262.683	43563.03	3815.899	3107.220
#2	2064.930	2267.999	43539.76	3855.056	3109.700
#3	2063.883	2257.563	43354.71	3815.186	3095.532

Sample Name: K1331-12 Acquired: 02/08/2019 21:08:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894573	.0028049	.2152201	-.023826	.0052474	75.45516	1.061395
Stddev	.0034275	.0028943	.0018724	.002412	.0005832	.16536	.002862
%RSD	3.831480	103.1873	.8699720	10.12355	11.11347	.2191479	.2696468

#1	.0907110	.0034911	.2173090	-.023776	.0051630	75.57221	1.063638
#2	.0855794	.0052944	.2146585	-.021440	.0047111	75.26599	1.062376
#3	.0920814	-.000371	.2136928	-.026263	.0058682	75.52728	1.058172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100609	.0295617	11.13542	.2914239	.0951926	.0472571	274.5499
Stddev	.0001773	.0001074	.04831	.0005817	.0001957	.0045128	.5979
%RSD	1.762588	.3632627	.4338667	.1996075	.2055826	9.549387	.2177819

#1	.0098693	.0296713	11.15145	.2920615	.0952209	.0491430	274.7305
#2	.0102192	.0294567	11.17368	.2909221	.0949843	.0505209	273.8825
#3	.0100941	.0295570	11.08113	.2912881	.0953726	.0421072	275.0367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.378433	6.072469	.0778813	-.018100	-.632197	.3976006	8.667676
Stddev	.007011	.024340	.0005180	.000252	.178118	.0075714	.088836
%RSD	.2947750	.4008329	.6651224	1.390752	28.17441	1.904262	1.024912

#1	2.378892	6.058901	.0778769	-.018391	-.501758	.4061856	8.682170
#2	2.371204	6.100570	.0784016	-.017955	-.559702	.3947396	8.572485
#3	2.385203	6.057936	.0773656	-.017954	-.835131	.3918766	8.748375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.545202	2.048036	.2230080	.0050681	3.173610	2.918577	.0057476
Stddev	.046594	.009512	.0069218	.0003541	.012788	.032238	.0002503
%RSD	1.314276	.4644568	3.103819	6.986084	.4029551	1.104588	4.354091

#1	3.594011	2.039709	.2271772	.0054586	3.159113	2.919209	.0060093
#2	3.501196	2.045997	.2150180	.0047681	3.183290	2.950495	.0055106
#3	3.540400	2.058402	.2268288	.0049775	3.178427	2.886027	.0057230

Sample Name: K1331-12 Acquired: 02/08/2019 21:08:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3604158	.0206647	.0816993
Stddev	.0043126	.0014160	.0002138
%RSD	1.196548	6.852054	.2616884

#1	.3651862	.0196276	.0819453
#2	.3592676	.0200886	.0815936
#3	.3567936	.0222779	.0815589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.646	2259.262	43422.56	3823.958	3114.325
Stddev	4.999	8.274	80.65	22.070	5.490
%RSD	.2421034	.3662241	.1857317	.5771416	.1762927

#1	2066.805	2257.384	43353.04	3847.809	3113.281
#2	2068.202	2268.313	43510.98	3804.259	3120.263
#3	2058.931	2252.088	43403.65	3819.807	3109.432

Sample Name: K1331-14 Acquired: 02/08/2019 21:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAFM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967681	.0051234	.3452249	-.025270	.0048132	77.93922	1.247538
Stddev	.0008804	.0009433	.0015995	.003857	.0008774	.21857	.002990
%RSD	.9098373	18.41096	.4633095	15.26391	18.22918	.2804333	.2396357

#1	.0958423	.0062084	.3433908	-.029530	.0052897	77.70273	1.244227
#2	.0975948	.0046643	.3463300	-.022015	.0038007	78.13380	1.250039
#3	.0968671	.0044977	.3459540	-.024264	.0053493	77.98114	1.248348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107640	.0058502	16.89639	.2546423	.2067664	.0430022	263.8178
Stddev	.0001600	.0000729	.08627	.0003331	.0014186	.0026823	1.4564
%RSD	1.486600	1.246569	.5105536	.1308040	.6860633	6.237508	.5520563

#1	.0108711	.0059293	16.79689	.2545250	.2058732	.0409484	262.5363
#2	.0105801	.0058355	16.94195	.2550181	.2060239	.0420214	265.4016
#3	.0108408	.0057857	16.95032	.2543837	.2084021	.0460368	263.5154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.440083	4.875607	.0696978	-.016701	-.942611	.6245278	3.582829
Stddev	.017293	.067534	.0006291	.000280	.156933	.0074006	.031486
%RSD	.5026935	1.385150	.9026697	1.675889	16.64872	1.184997	.8788058

#1	3.423599	4.848848	.0699267	-.016470	-.912564	.6206500	3.548677
#2	3.438564	4.825553	.0689863	-.016619	-.802874	.6330615	3.589107
#3	3.458085	4.952421	.0701805	-.017012	-1.11239	.6198719	3.610703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.335278	1.911799	.2179757	.0073392	1.137673	4.045632	.0047856
Stddev	.045064	.004847	.0040677	.0002012	.002467	.064160	.0006933
%RSD	1.351144	.2535396	1.866135	2.740698	.2168625	1.585903	14.48695

#1	3.304650	1.909321	.2180496	.0074119	1.140426	4.097930	.0055759
#2	3.314160	1.908691	.2220059	.0074938	1.135660	3.974039	.0042799
#3	3.387023	1.917384	.2138715	.0071118	1.136934	4.064928	.0045011

Sample Name: K1331-14 Acquired: 02/08/2019 21:16:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAFM7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2378677	.0186906	.0659928
Stddev	.0040801	.0002632	.0001311
%RSD	1.715274	1.407982	.1986435

#1	.2398762	.0188246	.0658648
#2	.2331727	.0188597	.0661268
#3	.2405541	.0183874	.0659867

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.536	2236.956	43090.90	3766.866	3132.915
Stddev	21.853	10.152	378.71	22.010	9.828
%RSD	1.072515	.4538456	.8788696	.5843111	.3136881

#1	2058.995	2248.679	43523.57	3775.608	3144.255
#2	2038.304	2230.990	42819.64	3783.162	3127.598
#3	2015.310	2231.201	42929.47	3741.828	3126.891

Sample Name: CCV095 Acquired: 02/08/2019 21:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.643923	4.806930	24.94297	F 4.286060	4.729816	400.9945
Stddev	.021133	.008730	.08381	.007072	.007281	1.6688
%RSD	.4550760	.1816164	.3360201	.1650015	.1539441	.4161563

#1	4.651151	4.813780	24.95880	4.280937	4.728874	399.2421
#2	4.620124	4.797100	24.85236	4.283114	4.723052	402.5647
#3	4.660495	4.809911	25.01773	4.294129	4.737523	401.1767

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.583173	.5223752	2.472623	387.0378	14.92050	2.465375
Stddev	.033796	.0013437	.007172	1.3236	.01323	.009072
%RSD	.3526600	.2572197	.2900480	.3419702	.0886862	.3679676

#1	9.544611	.5208257	2.473727	385.5739	14.91573	2.467415
#2	9.597267	.5232186	2.464962	387.3894	14.93546	2.455457
#3	9.607641	.5230812	2.479178	388.1500	14.91031	2.473253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34797	424.9857	16.31555	428.3060	2.495220	F 1.120022
Stddev	.09823	2.8490	.14111	3.7638	.007910	.008376
%RSD	.6400111	.6703780	.8648974	.8787729	.3170113	.7478774

#1	15.23585	422.4698	16.19572	425.5328	2.496381	1.112502
#2	15.41890	428.0793	16.47108	432.5906	2.486794	1.118514
#3	15.38915	424.4079	16.27983	426.7946	2.502486	1.129050

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.7488	2.621970	16.10804	154.0825	4.824444	5.254760
Stddev	1.8960	.027172	.07908	.8024	.020023	.036803
%RSD	.4815380	1.036313	.4909522	.5207775	.4150394	.7003742

#1	391.8160	2.597394	16.10337	153.2346	4.840628	5.212275
#2	395.6058	2.651149	16.18935	154.1829	4.802052	5.275150
#3	393.8245	2.617366	16.03139	154.8300	4.830651	5.276854

Sample Name: CCV095 Acquired: 02/08/2019 21:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629332	F 4.211186	5.109080	5.085485	5.062436	4.818268
Stddev	.012933	.005547	.023587	.026004	.026816	.013975
%RSD	.2793605	.1317165	.4616683	.5113298	.5297045	.2900369
#1	4.628843	4.208338	5.084669	5.094825	5.037732	4.802225
#2	4.616650	4.207642	5.131746	5.056101	5.090955	4.824785
#3	4.642501	4.217579	5.110824	5.105528	5.058621	4.827794

Elem	Sr4077
Units	ppm
Avg	4.700399
Stddev	.018434
%RSD	.3921818
#1	4.682176
#2	4.699984
#3	4.719037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.410	1712.463	36540.36	3238.821	2539.729
Stddev	7.169	7.199	151.82	19.713	11.942
%RSD	.4383894	.4203846	.4154739	.6086503	.4702180
#1	1643.350	1708.026	36627.03	3260.760	2531.645
#2	1629.410	1720.769	36365.06	3222.596	2553.446
#3	1633.471	1708.594	36628.99	3233.107	2534.097

Sample Name: CCB095 Acquired: 02/08/2019 21:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042057	.0010276	.0021669	.0014700	-.000929	.0050757	.0010808
Stddev	.0013344	.0008598	.0015895	.0025257	.001253	.0115006	.0006106
%RSD	31.72831	83.66400	73.35280	171.8186	134.9958	226.5786	56.49443

#1	.0048694	.0015315	.0036251	.0005279	-.001276	-.007734	.0013837
#2	.0050782	.0015165	.0004726	.0043313	-.001972	.014513	.0003780
#3	.0026696	.0000349	.0024030	-.000449	.000462	.008449	.0014807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000061	-.012042	.0004176	-.000113	.0015229	.0165602
Stddev	.000040	.000124	.024544	.0002400	.000374	.0052112	.0299071
%RSD	145.1891	203.3772	203.8138	57.48002	330.7891	342.1922	180.5959

#1	.000019	-.000191	-.034029	.0004840	.000318	-.004197	.0197900
#2	-.000050	-.000049	-.016536	.0001513	-.000341	.006000	.0447214
#3	-.000051	.000057	.014438	.0006174	-.000316	.002766	-.014831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010861	.0387291	-.000081	.0013506	-.298539	-.010596	.0008448
Stddev	.0003697	.0345798	.000289	.0002770	.192674	.008368	.0079355
%RSD	34.04476	89.28635	358.1886	20.50888	64.53891	78.98110	939.3002

#1	.0015093	.0758635	-.000214	.0016630	-.433819	-.008309	-.008085
#2	.0008260	.0328716	.000251	.0012538	-.077936	-.003608	.003532
#3	.0009229	.0074521	-.000278	.0011350	-.383862	-.019870	.007088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030294	-.006037	.0024000	.0002316	-.001781	.0021650	-.001129
Stddev	.015730	.003089	.0013985	.0002609	.001489	.0005776	.000234
%RSD	51.92417	51.17637	58.27075	112.6687	83.59822	26.67671	20.70488

#1	-.045297	-.005580	.0012262	.0005298	-.000601	.0026277	-.000901
#2	-.031659	-.009329	.0039473	.0001200	-.003454	.0015177	-.001368
#3	-.013926	-.003201	.0020264	.0000450	-.001289	.0023497	-.001117

Sample Name: CCB095 Acquired: 02/08/2019 21:24:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v775) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB095 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006603	-.003606	-.000015
Stddev	.0053779	.001302	.000151
%RSD	814.5139	36.09623	1006.675

#1	-.005258	-.002103	-.000096
#2	.001991	-.004347	-.000108
#3	.005248	-.004368	.000159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.018	2021.810	38547.22	3352.883	3167.039
Stddev	22.029	11.903	101.95	27.563	13.624
%RSD	1.190743	.5887378	.2644820	.8220638	.4301885

#1	1835.872	2029.047	38436.78	3384.575	3176.418
#2	1838.783	2028.310	38567.17	3339.575	3173.288
#3	1875.399	2008.072	38637.73	3334.500	3151.412