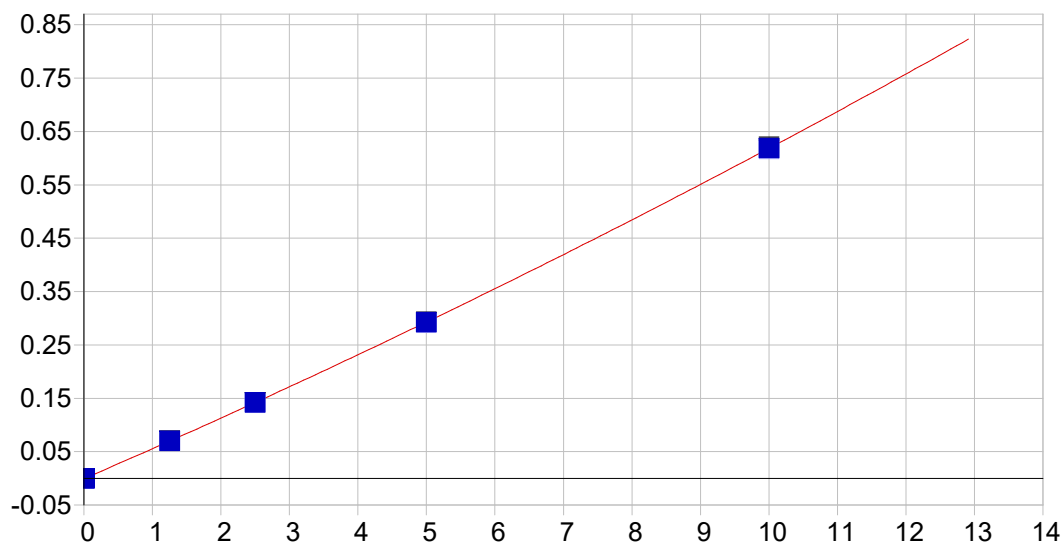


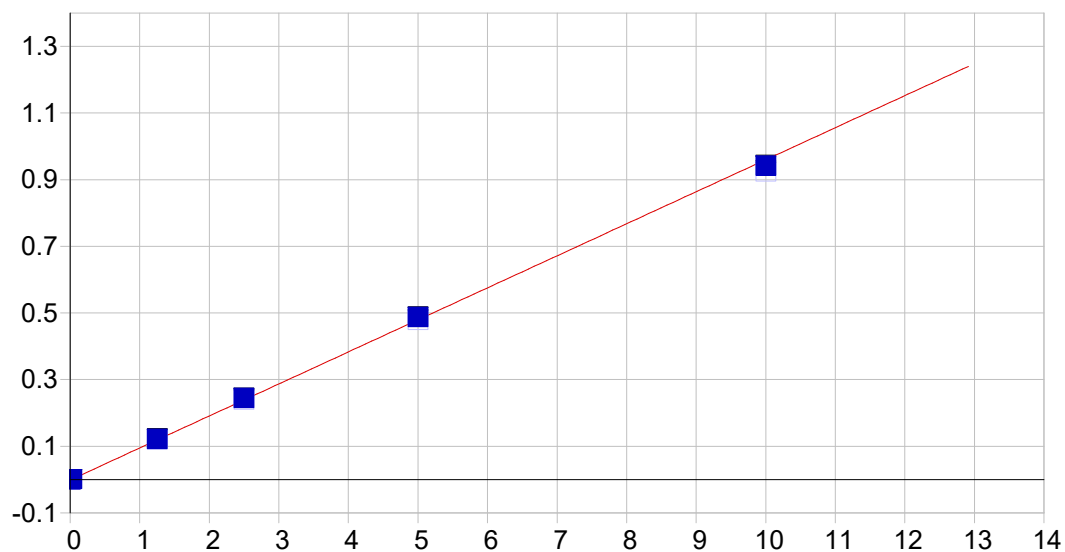


As 189.042 {479}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000692	Re-Slope:	1.000000
A1 (Gain):	0.055477	Y-int:	0.000000
A2 (Curvature):	0.000644		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	Warning Positive Curvature
Std Error of Est:	0.000003		
Predicted MDL:	0.003691		
Predicted MQL:	0.012303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.01000	.00906	-.001	-9.45	-.00019	.000	1
S2	1.2500	1.2577	.008	.614	.06985	.001	1
S3	2.5000	2.4986	-.001	-.056	.14144	.000	1
S4	5.0000	4.9913	-.009	-.174	.29125	.001	1
S5	10.000	10.003	.003	.034	.61670	.002	1

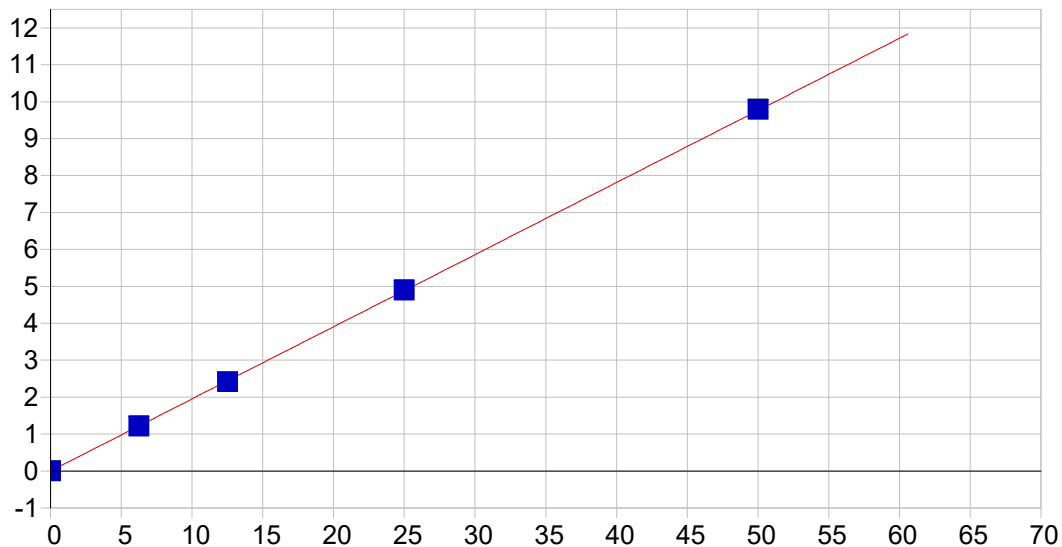


TI 190.856 {477}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001290 Re-Slope: 1.000000
 A1 (Gain): 0.096120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001874
 Predicted MQL: 0.006246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00129	.000	1
S1	.02500	.02740	.002	9.60	.00124	.000	1
S2	1.2500	1.2858	.036	2.87	.12009	.000	1
S3	2.5000	2.5565	.056	2.26	.24001	.001	1
S4	5.0000	5.0888	.089	1.78	.47899	.001	1
S5	10.000	9.8165	-.183	-1.83	.92456	.002	1

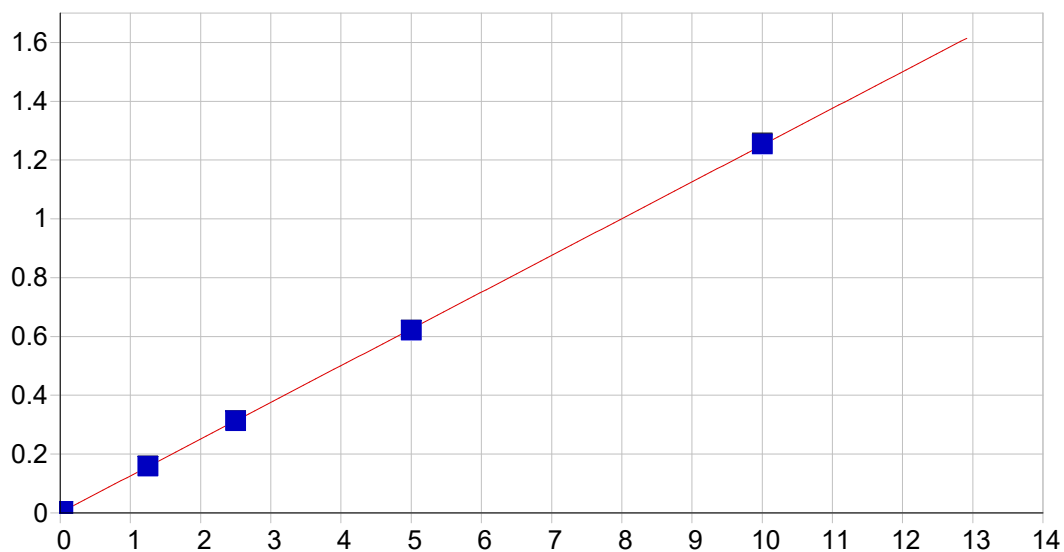


Pb 220.353 {453}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.195276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001867
 Predicted MQL: 0.006222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00935	-.001	-6.47	.00168	.000	1
S2	6.2500	6.1973	-.053	-.843	1.2103	.004	1
S3	12.500	12.357	-.143	-1.14	2.4134	.002	1
S4	25.000	25.066	.066	.266	4.8957	.006	1
S5	50.000	50.130	.130	.259	9.7909	.010	1

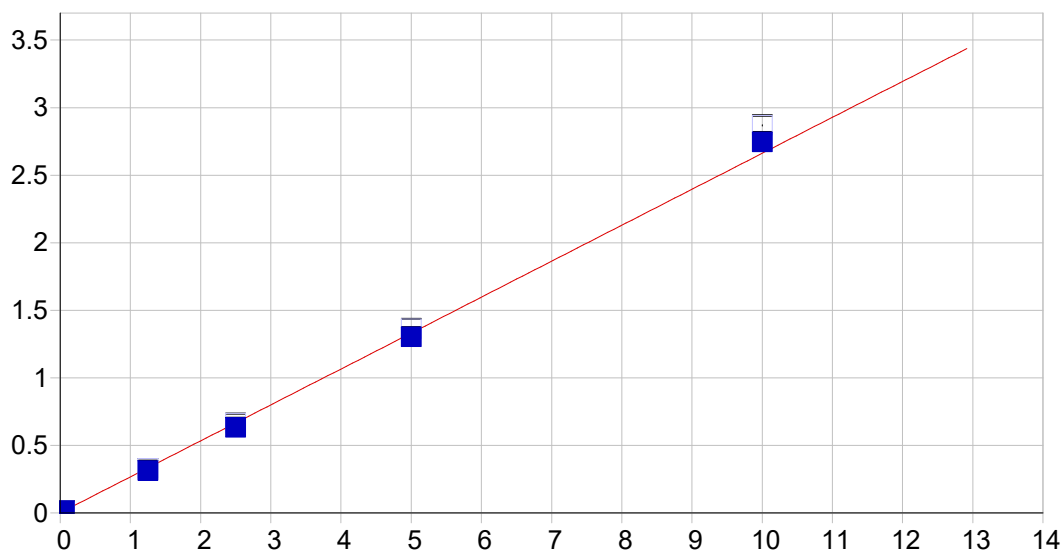


Se 196.090 {472}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.124942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002496
 Predicted MQL: 0.008320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00110	.000	1
S1	.03500	.02957	-.005	-15.5	.00479	.000	1
S2	1.2500	1.2612	.011	.899	.15827	.000	1
S3	2.5000	2.4969	-.003	-.124	.31225	.001	1
S4	5.0000	4.9621	-.038	-.759	.61943	.001	1
S5	10.000	10.035	.035	.352	1.2516	.003	1

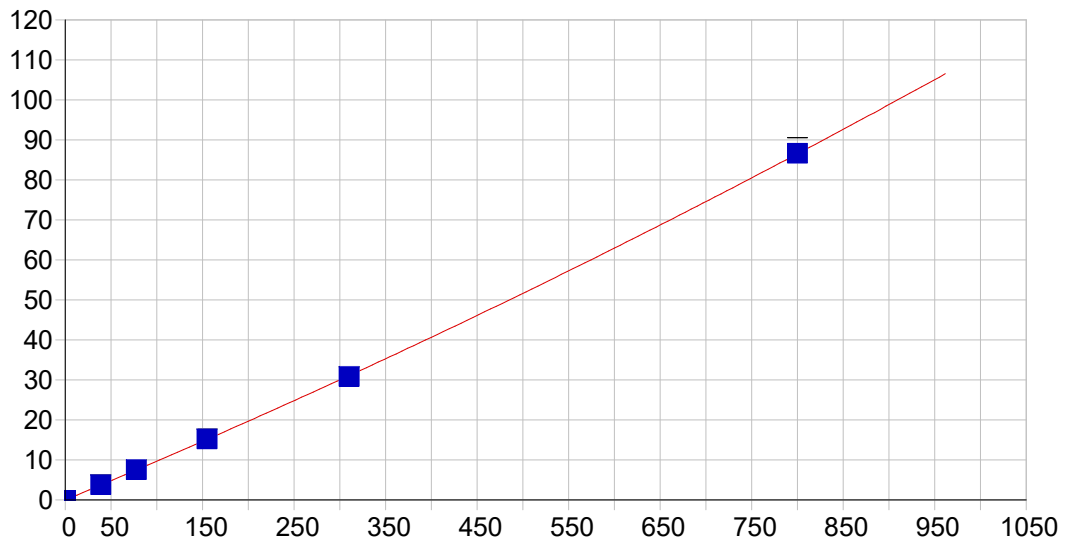


Sb 206.833 {463}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000920 Re-Slope: 1.000000
 A1 (Gain): 0.266072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999424 Status: OK.
 Std Error of Est: 0.000389
 Predicted MDL: 0.001462
 Predicted MQL: 0.004874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00092	.000	1
S1	.06000	.05827	-.002	-2.88	.01644	.000	1
S2	1.2500	1.1756	-.074	-5.95	.32902	.001	1
S3	2.5000	2.3699	-.130	-5.20	.66211	.004	1
S4	5.0000	4.8894	-.111	-2.21	1.3631	.004	1
S5	10.000	10.317	.317	3.17	2.8684	.004	1

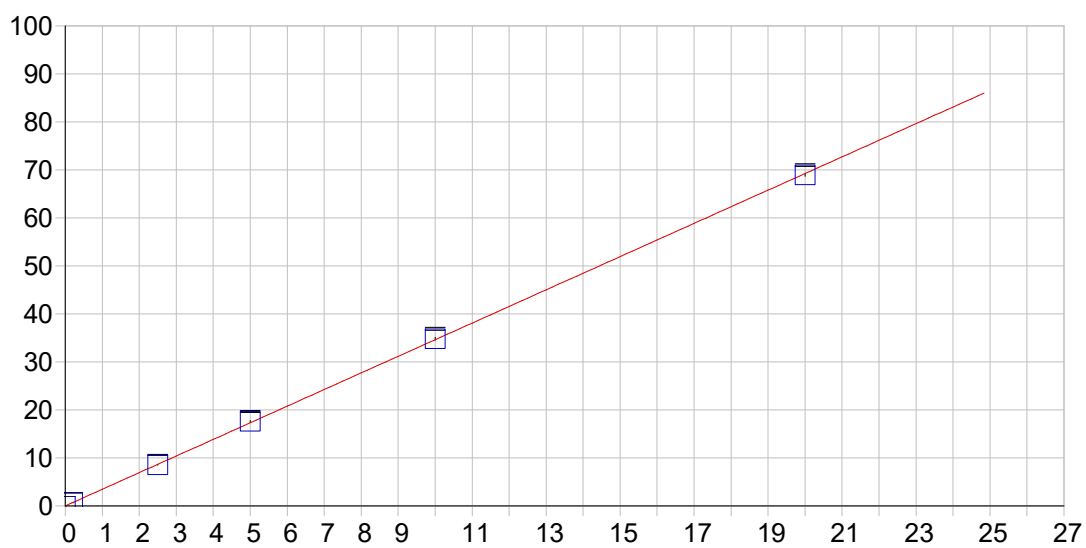


AI 396.152 { 85}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.004166	Re-Slope:	1.000000
A1 (Gain):	0.095140	Y-int:	0.000000
A2 (Curvature):	0.000016		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	Warning Positive Curvature
Std Error of Est:	0.000369		
Predicted MDL:	0.009749		
Predicted MQL:	0.032496		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00417	.000	1
S1	.20000	.20471	.005	2.36	.02397	.001	1
S2	38.750	39.146	.396	1.02	3.7608	.016	1
S3	77.500	78.302	.802	1.04	7.5683	.041	1
S4	155.00	155.70	.701	.453	15.242	.039	1
S5	310.00	307.45	-2.55	-.822	30.852	.041	1
S6	800.00	800.67	.667	.083	86.661	1.44	1

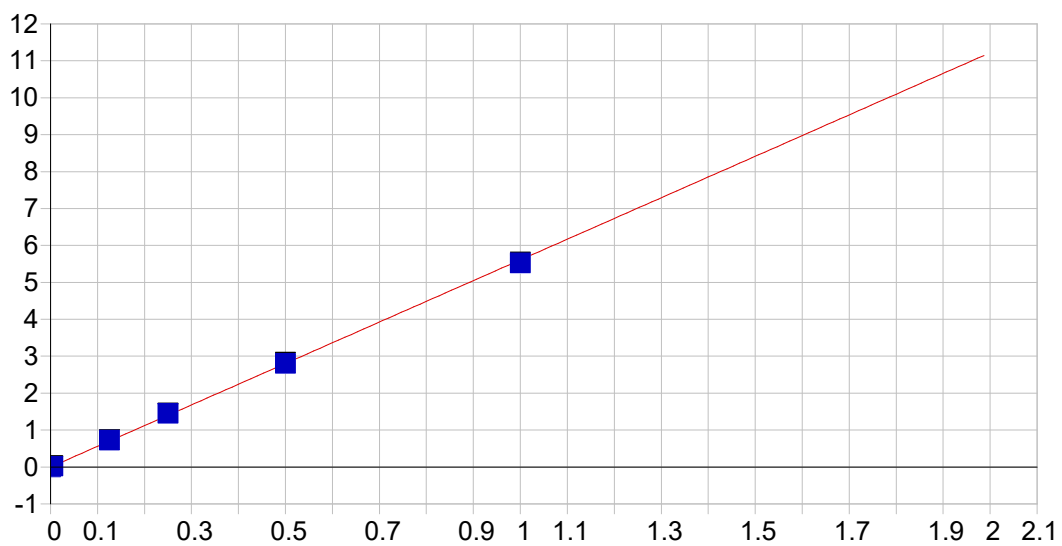


Ba 493.409 { 68}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003971	Re-Slope:	1.000000
A1 (Gain):	3.462303	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.002805		
Predicted MDL:	0.000498		
Predicted MQL:	0.001662		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.001	1
S1	.20000	.19735	-.003	-1.33	.68724	.008	1
S2	2.5000	2.4707	-.029	-1.17	8.5583	.096	1
S3	5.0000	5.0738	.074	1.48	17.571	.202	1
S4	10.000	10.053	.053	.526	34.809	.309	1
S5	20.000	19.906	-.094	-4.72	68.923	.251	1

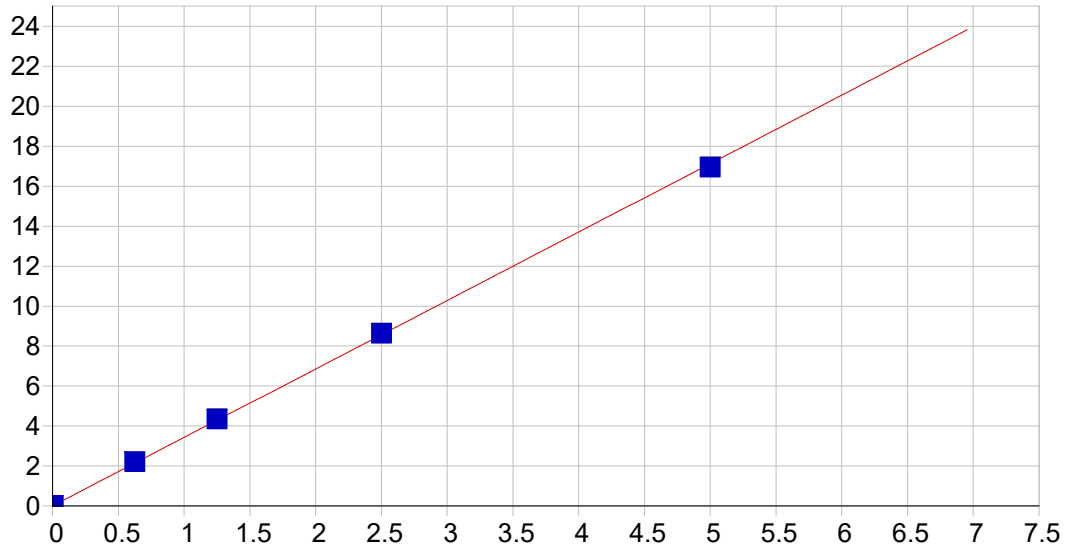


Be 234.861 {144}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002620 Re-Slope: 1.000000
 A1 (Gain): 5.611159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000424
 Predicted MDL: 0.000064
 Predicted MQL: 0.000213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00262	.000	1
S1	.00500	.00520	.000	4.06	.02656	.000	1
S2	.12500	.13021	.005	4.17	.72569	.012	1
S3	.25000	.25873	.009	3.49	1.4445	.009	1
S4	.50000	.50099	.001	.198	2.7992	.028	1
S5	1.0000	.98486	-.015	-1.51	5.5050	.028	1

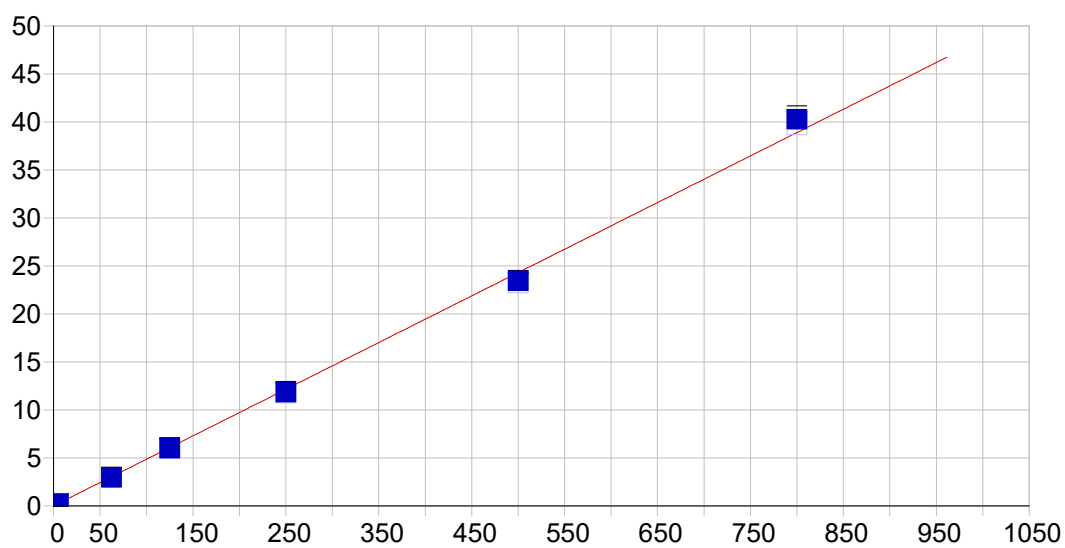


Cd 214.438 {457}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000740 Re-Slope: 1.000000
 A1 (Gain): 3.426346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000376
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00074	.000	1
S1	.00500	.00535	.000	7.02	.01908	.000	1
S2	.62500	.64440	.019	3.10	2.2120	.007	1
S3	1.2500	1.2674	.017	1.39	4.3499	.004	1
S4	2.5000	2.5180	.018	.720	8.6414	.006	1
S5	5.0000	4.9449	-.055	-1.10	16.970	.027	1

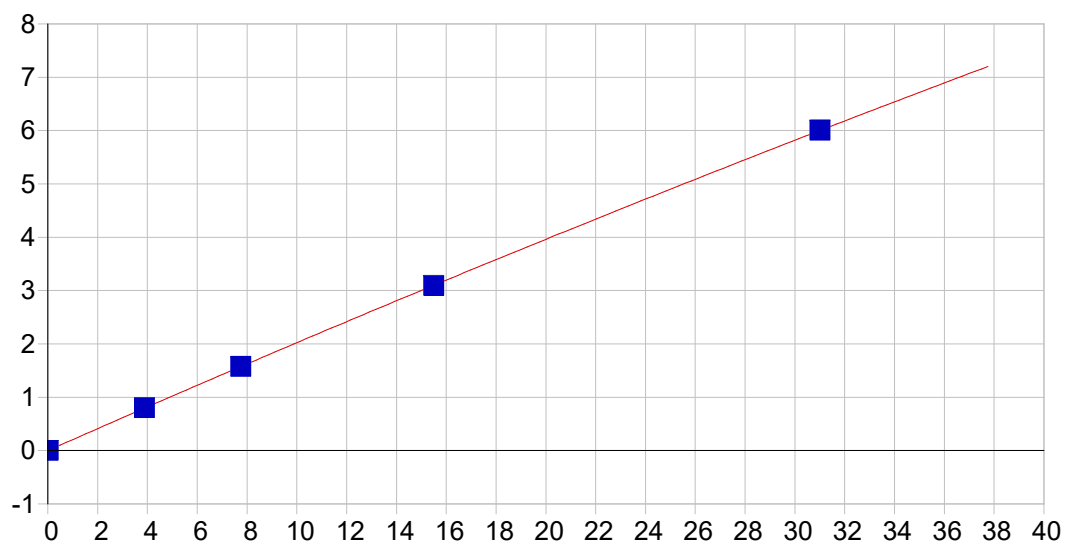


Ca 373.690 { 90}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001597 Re-Slope: 1.000000
 A1 (Gain): 0.048613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999444 Status: OK.
 Std Error of Est: 0.005592
 Predicted MDL: 0.014164
 Predicted MQL: 0.047213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.00161	.001	1
S1	5.0000	5.0306	.031	.613	.24608	.001	1
S2	62.500	60.795	-1.70	-2.73	2.9299	.029	1
S3	125.00	123.68	-1.32	-1.06	5.9597	.057	1
S4	250.00	243.35	-6.65	-2.66	11.723	.093	1
S5	500.00	481.72	-18.3	-3.66	23.202	.080	1
S6	800.00	828.10	28.1	3.51	39.678	.368	1

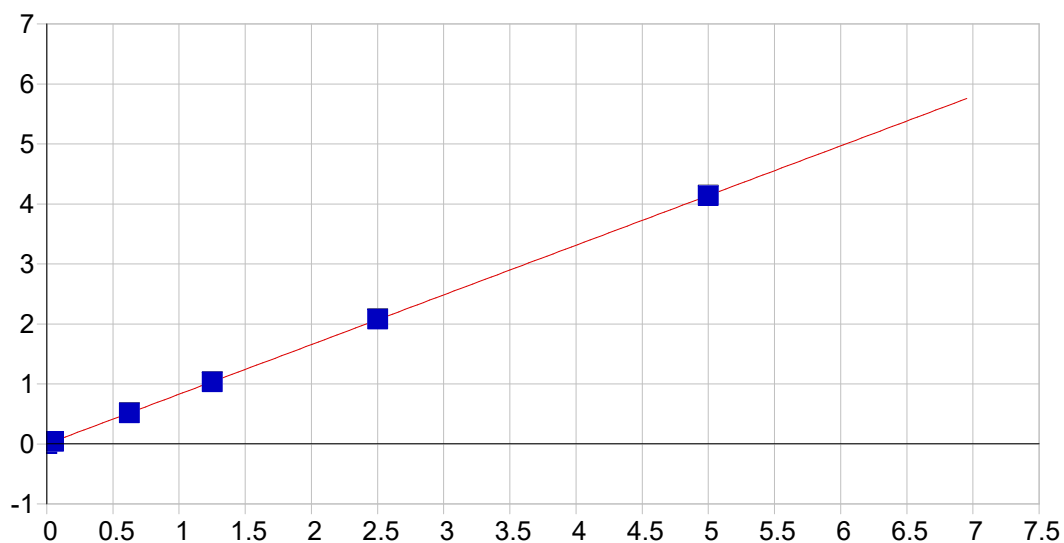


Cr 267.716 {126}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.206412 Y-int: 0.000000
 A2 (Curvature): -0.000415
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.000483
 Predicted MQL: 0.001610

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01090	.001	8.95	.00230	.000	1
S2	3.8750	3.9062	.031	.804	.80100	.007	1
S3	7.7500	7.7441	-.006	-.076	1.5757	.002	1
S4	15.500	15.450	-.050	-.323	3.0941	.004	1
S5	31.000	31.024	.024	.078	6.0127	.004	1

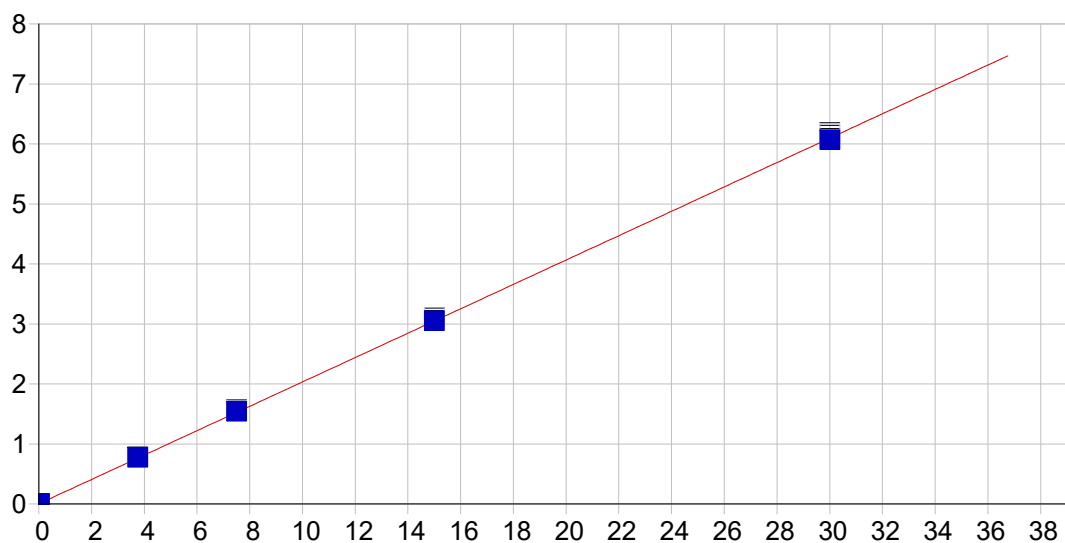


Co 228.616 {448}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.827929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.000297
 Predicted MQL: 0.000992

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.05000	.05053	.001	1.05	.04173	.000	1
S2	.62500	.62133	-.004	-.588	.51499	.001	1
S3	1.2500	1.2441	-.006	-.473	1.0314	.001	1
S4	2.5000	2.5125	.013	.501	2.0832	.002	1
S5	5.0000	4.9965	-.003	-.069	4.1431	.005	1

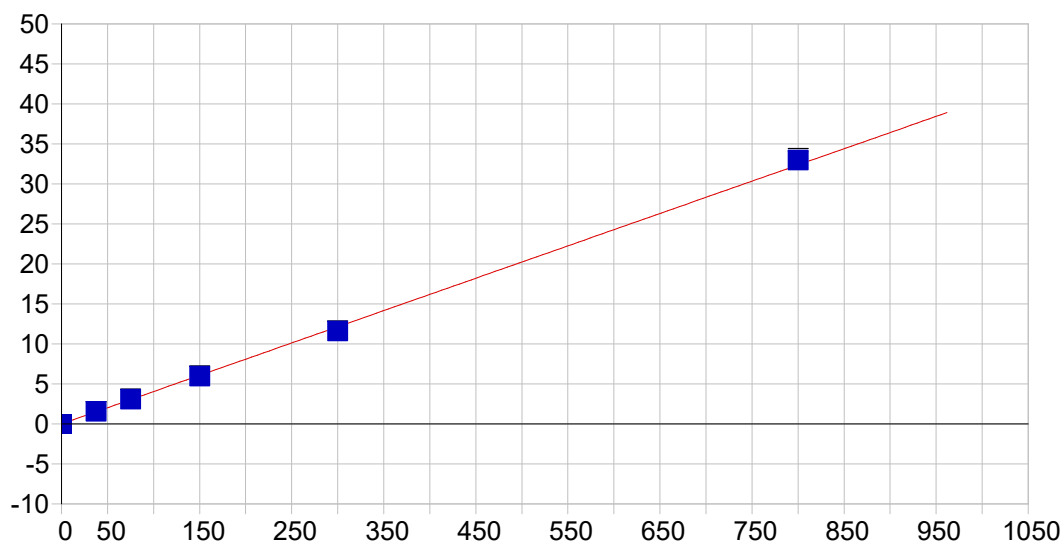


Cu 324.754 {104}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001692 Re-Slope: 1.000000
 A1 (Gain): 0.203138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002594
 Predicted MQL: 0.008648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00169	.000	1
S1	.02500	.02092	-.004	-16.3	.00696	.000	1
S2	3.7500	3.7873	.037	.994	.78325	.002	1
S3	7.5000	7.5732	.073	.976	1.5645	.004	1
S4	15.000	15.022	.022	.149	3.1022	.003	1
S5	30.000	29.872	-.128	-.427	6.1676	.022	1

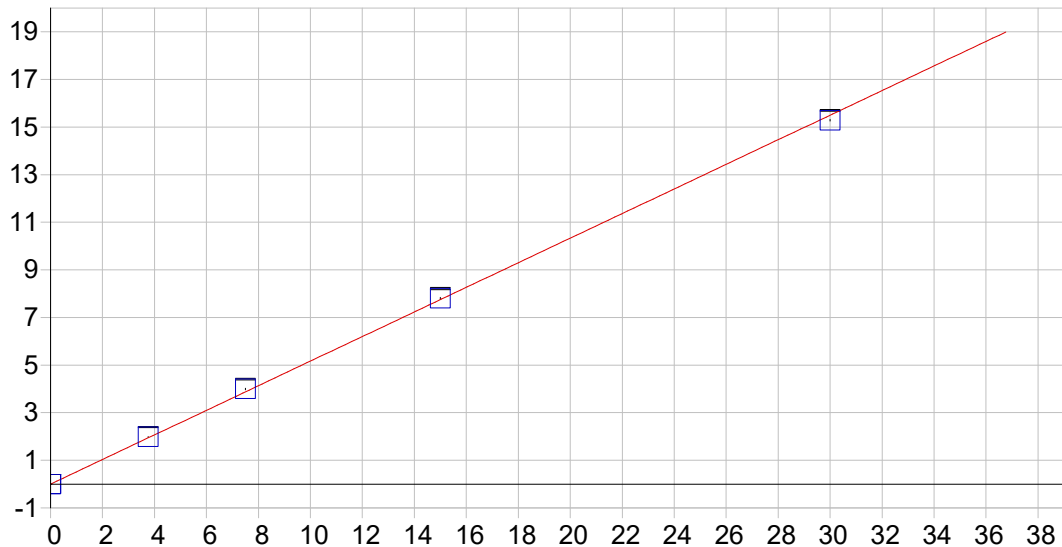


Fe 259.837 {130}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000183 Re-Slope: 1.000000
 A1 (Gain): 0.040464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647 Status: OK.
 Std Error of Est: 0.000470
 Predicted MDL: 0.007298
 Predicted MQL: 0.024327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.10000	.10596	.006	5.96	.00464	.000	1
S2	37.500	38.239	.739	1.97	1.5506	.011	1
S3	75.000	76.042	1.04	1.39	3.0834	.020	1
S4	150.00	147.39	-2.61	-1.74	5.9768	.026	1
S5	300.00	286.28	-13.7	-4.57	11.609	.014	1
S6	800.00	814.55	14.5	1.82	33.001	.212	1

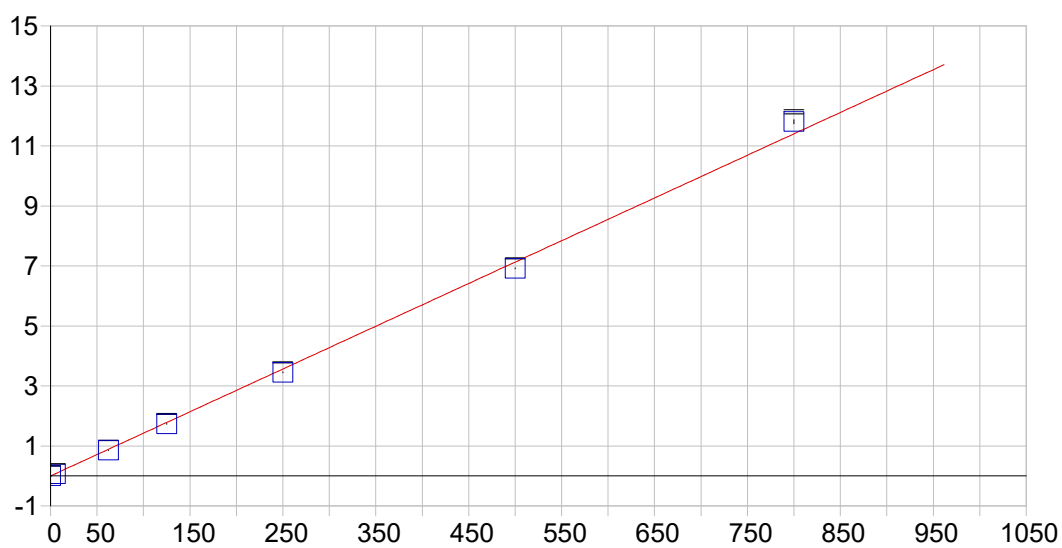


Mn 257.610 {131}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.516674 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000303
 Predicted MDL: 0.000477
 Predicted MQL: 0.001590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.01500	.01596	.001	6.43	.00839	.000	1
S2	3.7500	3.8322	.082	2.19	1.9801	.021	1
S3	7.5000	7.7320	.232	3.09	3.9950	.032	1
S4	15.000	15.098	.098	.651	7.8007	.050	1
S5	30.000	29.587	-.413	-1.38	15.287	.039	1

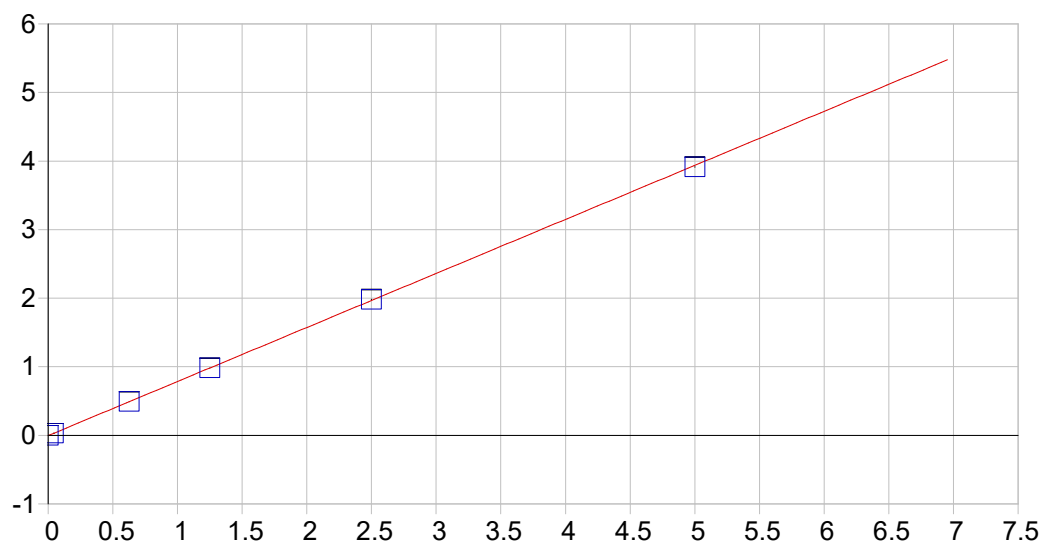


Mg 279.079 {121}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.014254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 0.001631
 Predicted MDL: 0.023545
 Predicted MQL: 0.078483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00029	.000	1
S1	5.0000	5.0083	.008	.165	.07109	.001	1
S2	62.500	59.892	-2.61	-4.17	.85342	.006	1
S3	125.00	121.74	-3.26	-2.61	1.7351	.013	1
S4	250.00	242.19	-7.81	-3.12	3.4519	.014	1
S5	500.00	485.33	-14.7	-2.93	6.9178	.016	1
S6	800.00	828.34	28.3	3.54	11.807	.068	1

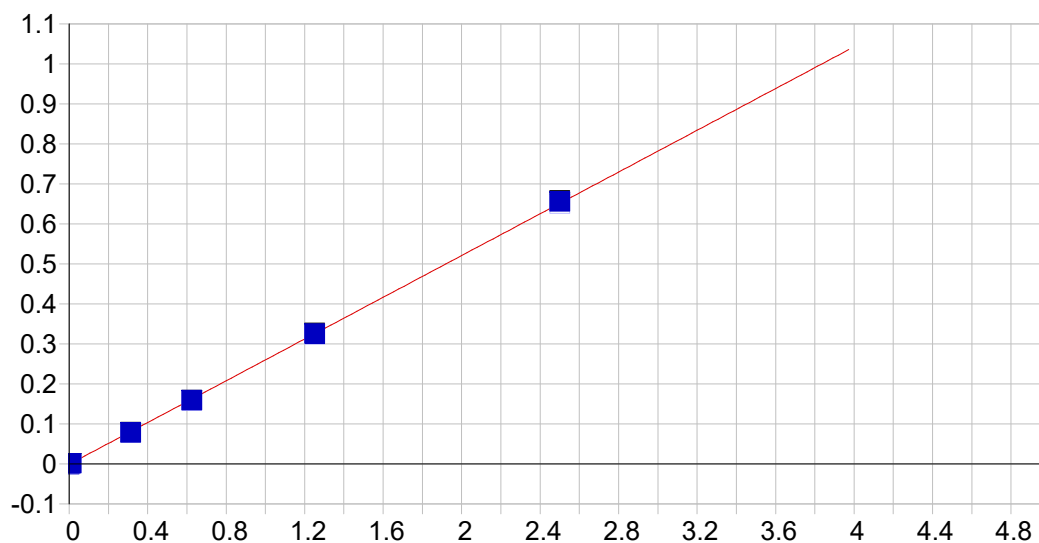


Ni 231.604 {446}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003126 Re-Slope: 1.000000
 A1 (Gain): 0.788017 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000411
 Predicted MQL: 0.001371

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00313	.000	1
S1	.04000	.04203	.002	5.08	.03000	.000	1
S2	.62500	.62789	.003	.462	.49166	.002	1
S3	1.2500	1.2513	.001	.102	.98290	.002	1
S4	2.5000	2.5202	.020	.807	1.9828	.004	1
S5	5.0000	4.9736	-.026	-.527	3.9162	.005	1

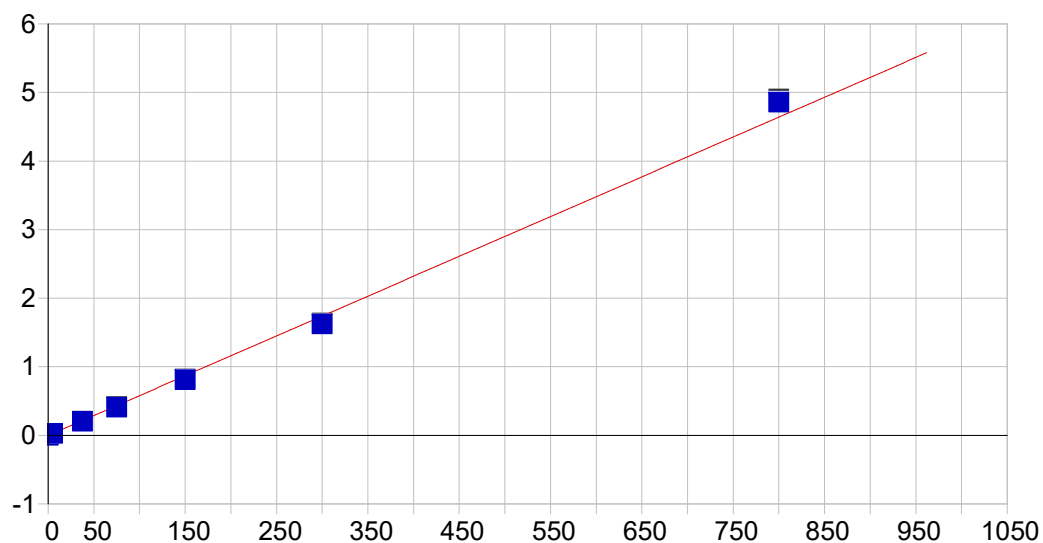


Ag 328.068 {103}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000932 Re-Slope: 1.000000
 A1 (Gain): 0.260919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000553
 Predicted MQL: 0.001845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.01000	.00930	-.001	-6.99	.00147	.000	1
S2	.31250	.30266	-.010	-3.15	.07734	.001	1
S3	.62500	.61368	-.011	-1.81	.15779	.000	1
S4	1.2500	1.2527	.003	.215	.32313	.001	1
S5	2.5000	2.5192	.019	.767	.65078	.002	1

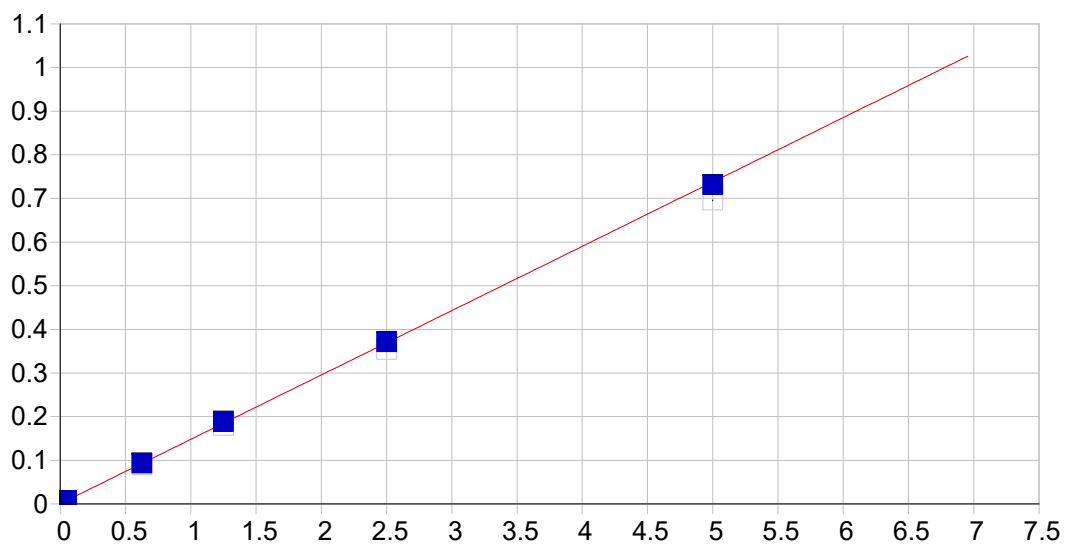


Na 818.326 { 41}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001014 Re-Slope: 1.000000
 A1 (Gain): 0.005802 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998488 Status: OK.
 Std Error of Est: 0.000992
 Predicted MDL: 0.292727
 Predicted MQL: 0.975758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00118	.001	.000	-.00101	.001	1
S1	5.0000	4.8808	-.119	-2.38	.02731	.001	1
S2	37.500	35.080	-2.42	-6.45	.20349	.002	1
S3	75.000	70.499	-4.50	-6.00	.40996	.004	1
S4	150.00	140.17	-9.83	-6.55	.81617	.005	1
S5	300.00	279.67	-20.3	-6.78	1.6294	.006	1
S6	800.00	837.20	37.2	4.65	4.8771	.028	1

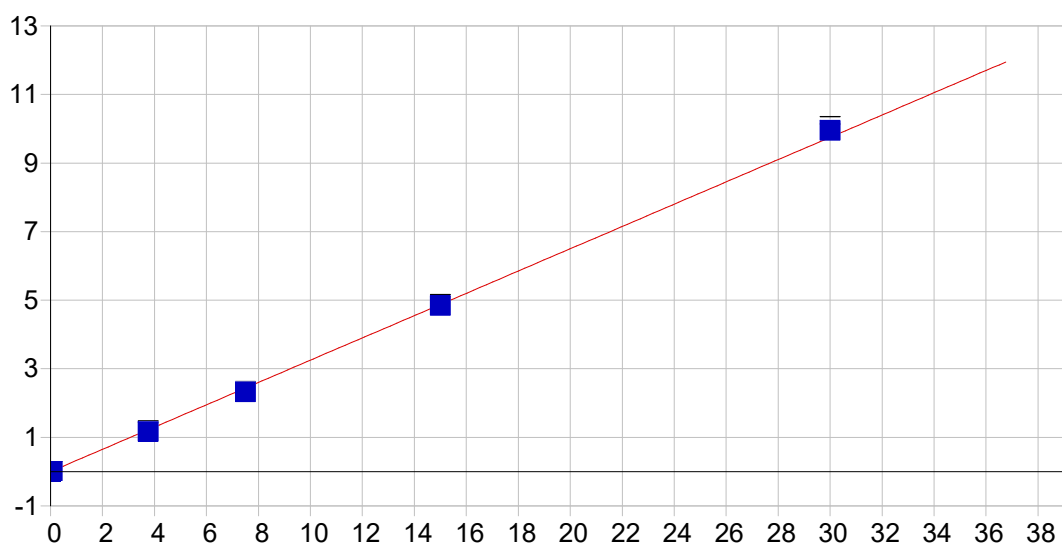


V 292.402 {115}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000479	Re-Slope:	1.000000
A1 (Gain):	0.147482	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.002674		
Predicted MQL:	0.008913		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.05000	.05019	.000	.382	.00787	.000	1
S2	.62500	.63000	.005	.800	.08897	.001	1
S3	1.2500	1.2768	.027	2.14	.17995	.001	1
S4	2.5000	2.5145	.014	.578	.35364	.001	1
S5	5.0000	4.9535	-.046	-.929	.69569	.001	1

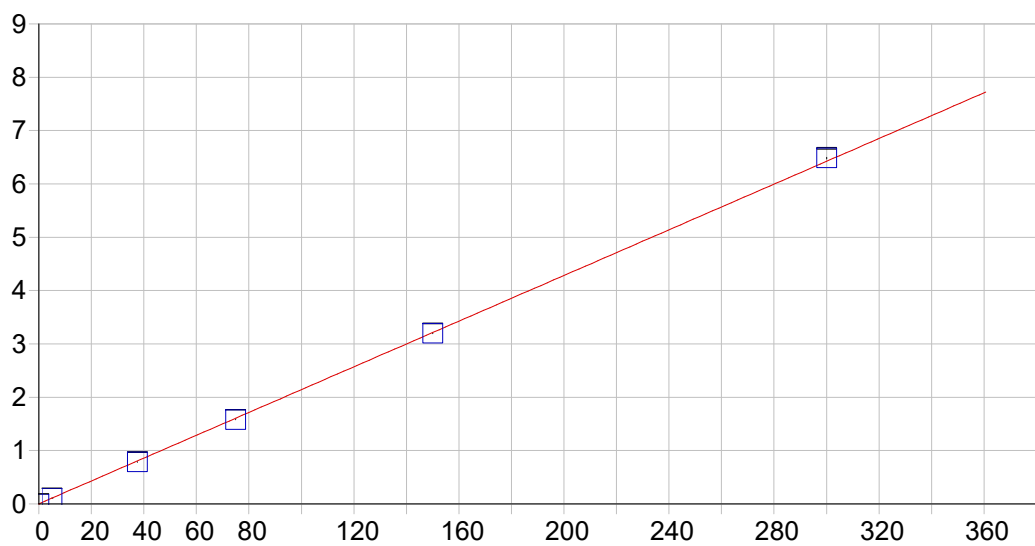


Zn 213.856 {158}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000123 Re-Slope: 1.000000
 A1 (Gain): 0.325011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686 Status: OK.
 Std Error of Est: 0.000581
 Predicted MDL: 0.001810
 Predicted MQL: 0.006033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00012	.000	1
S1	.06000	.05762	-.002	-3.97	.01890	.001	1
S2	3.7500	3.5969	-.153	-4.08	1.1712	.019	1
S3	7.5000	7.1554	-.345	-4.59	2.3297	.014	1
S4	15.000	14.887	-.113	-.751	4.8467	.030	1
S5	30.000	30.613	.613	2.04	9.9655	.107	1

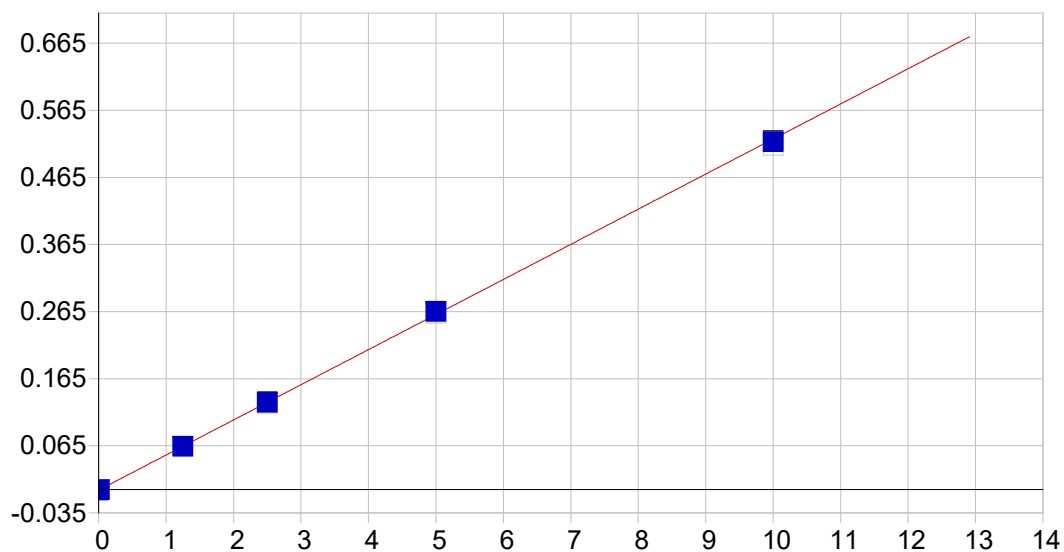


K 769.896 { 44}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002195 Re-Slope: 1.000000
 A1 (Gain): 0.021406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000502
 Predicted MDL: 0.072125
 Predicted MQL: 0.240417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	.00220	.001	1
S1	5.0000	4.9443	-.056	-1.11	.10803	.002	1
S2	37.500	36.638	-.862	-2.30	.78645	.005	1
S3	75.000	73.718	-1.28	-1.71	1.5802	.002	1
S4	150.00	149.31	-.691	-.461	3.1982	.007	1
S5	300.00	302.89	2.89	.963	6.4857	.015	1

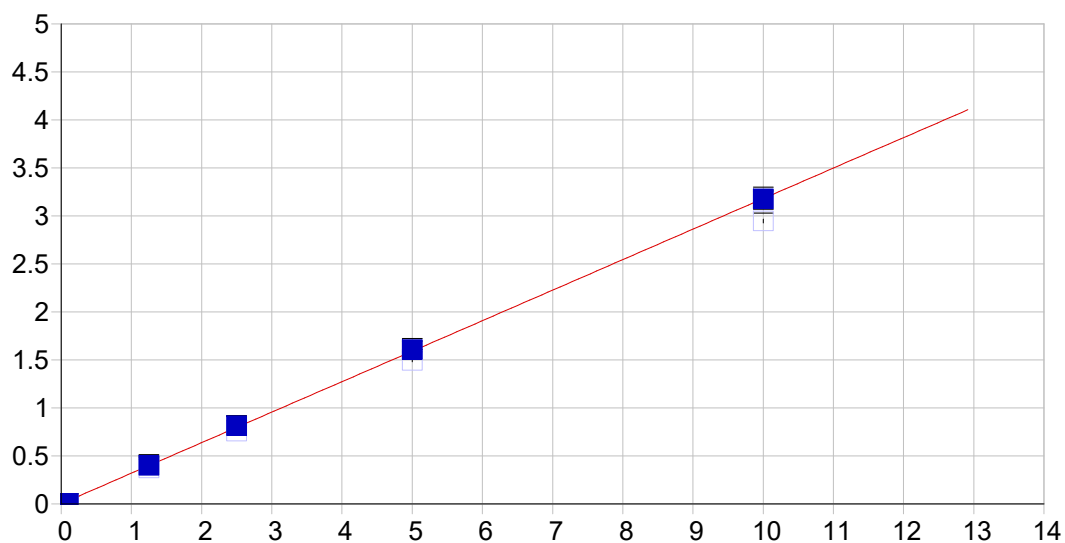


P 177.495 {490}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001022 Re-Slope: 1.000000
 A1 (Gain): 0.052332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002530
 Predicted MQL: 0.008433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00102	.000	1
S1	.01000	.00839	-.002	-16.1	-.00058	.000	1
S2	1.2500	1.2436	-.006	-.509	.06333	.000	1
S3	2.5000	2.4977	-.002	-.092	.12822	.001	1
S4	5.0000	5.0872	.087	1.74	.26227	.000	1
S5	10.000	9.9231	-.077	-.769	.51241	.001	1

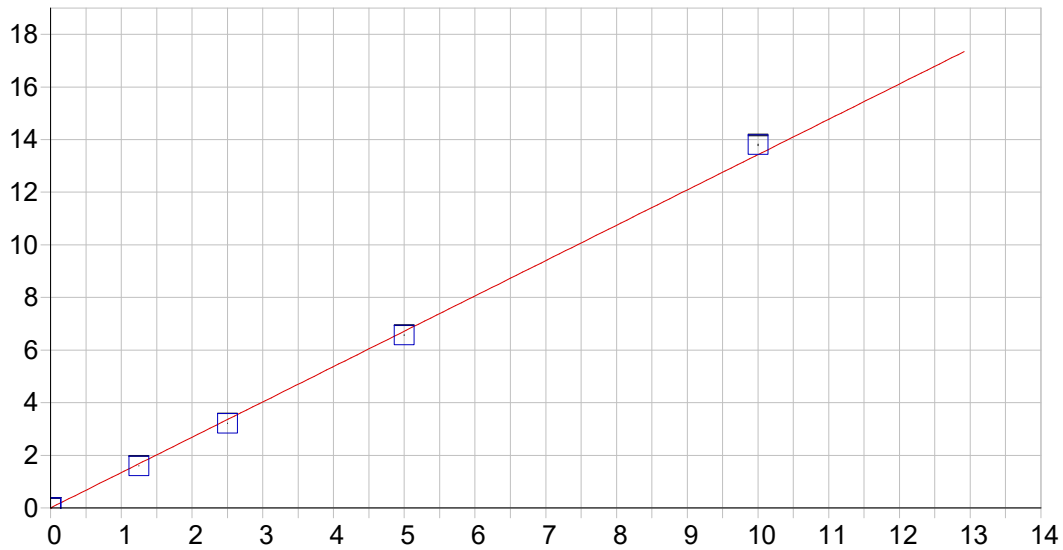


B 249.678 {135}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002133 Re-Slope: 1.000000
 A1 (Gain): 0.317789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997362 Status: OK.
 Std Error of Est: 0.001140
 Predicted MDL: 0.001122
 Predicted MQL: 0.003739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00216	.000	1
S1	.10000	.00824	-.092	-91.8	.00469	.000	1
S2	1.2500	1.2544	.004	.354	.37195	.008	1
S3	2.5000	2.5523	.052	2.09	.75556	.004	1
S4	5.0000	5.0522	.052	1.04	1.4924	.013	1
S5	10.000	9.9898	-.010	-.102	2.9461	.020	1

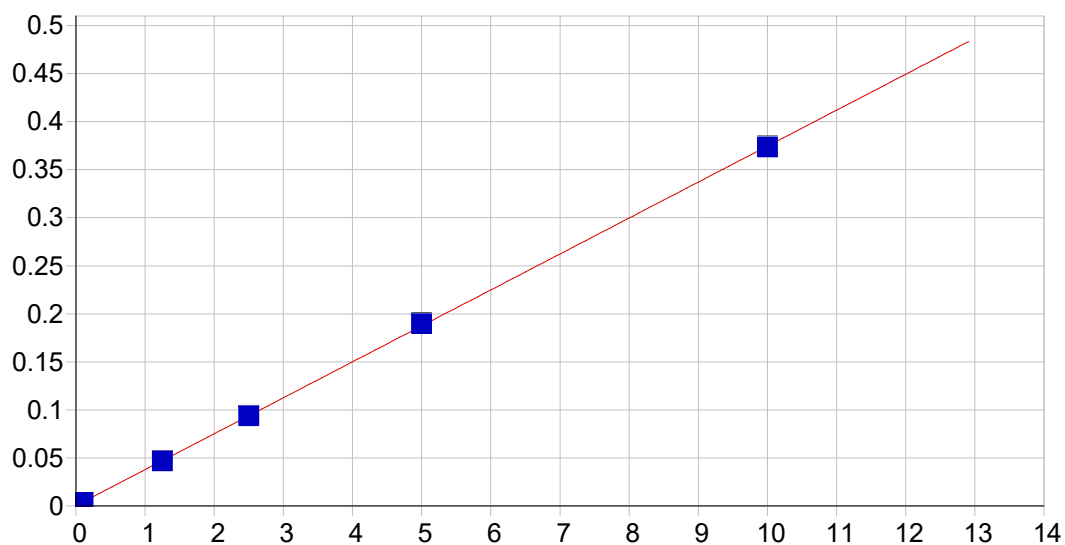


Mo 202.030 {467}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000514 Re-Slope: 1.000000
 A1 (Gain): 1.342875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999529 Status: OK.
 Std Error of Est: 0.000692
 Predicted MDL: 0.000260
 Predicted MQL: 0.000867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.01000	.01003	.000	.278	.01398	.000	1
S2	1.2500	1.1885	-.061	-4.92	1.5966	.004	1
S3	2.5000	2.3926	-.107	-4.30	3.2135	.008	1
S4	5.0000	4.8914	-.109	-2.17	6.5690	.011	1
S5	10.000	10.277	.277	2.77	13.802	.026	1

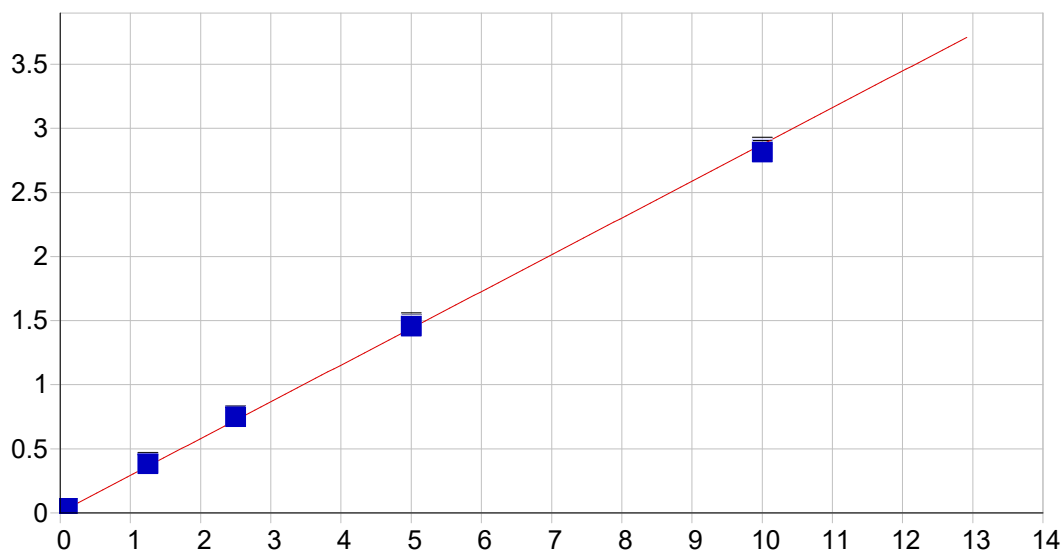


S 182.034 {485}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000325	Re-Slope:	1.000000
A1 (Gain):	0.037417	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.004015		
Predicted MQL:	0.013384		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00033	.000	1
S1	.10000	.08620	-.014	-13.8	.00355	.000	1
S2	1.2500	1.2397	-.010	-.821	.04681	.000	1
S3	2.5000	2.4951	-.005	-.197	.09388	.000	1
S4	5.0000	5.0532	.053	1.06	.18979	.001	1
S5	10.000	9.9758	-.024	-.242	.37438	.001	1

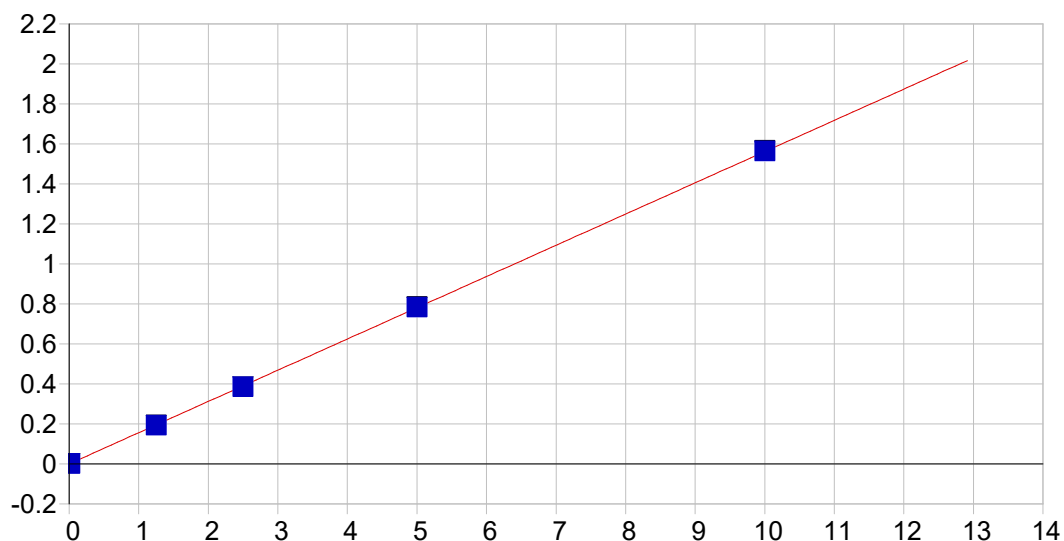


Si 251.611 {134}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005930 Re-Slope: 1.000000
 A1 (Gain): 0.286878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000382
 Predicted MDL: 0.001281
 Predicted MQL: 0.004269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00593	.000	1
S1	.10000	.09724	-.003	-2.76	.03393	.000	1
S2	1.2500	1.3147	.065	5.18	.38626	.008	1
S3	2.5000	2.5914	.091	3.66	.75570	.004	1
S4	5.0000	5.0565	.057	1.13	1.4692	.014	1
S5	10.000	9.7901	-.210	-2.10	2.8399	.014	1

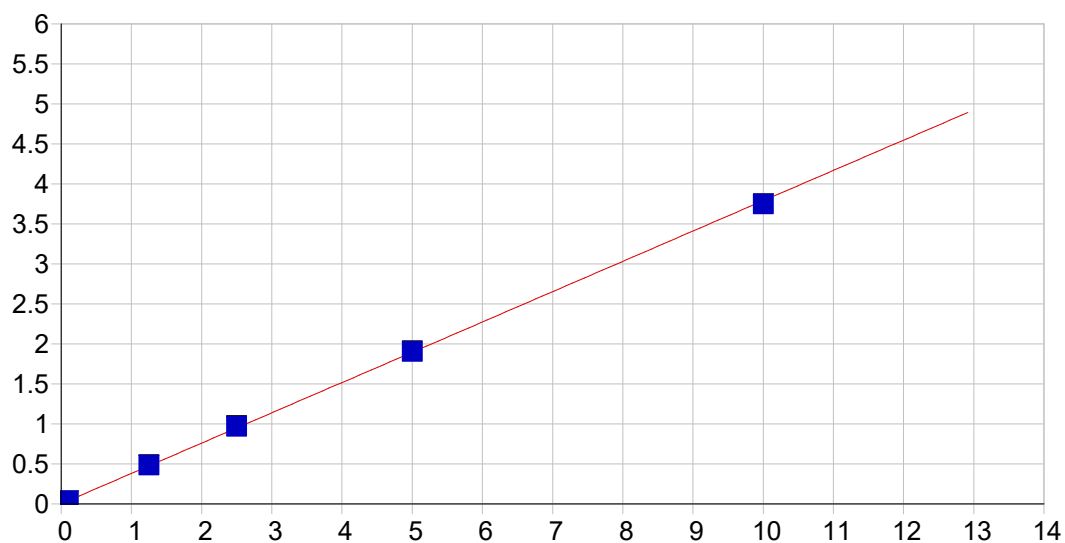


Sn 189.989 {478}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.156160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.000968
 Predicted MQL: 0.003227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00700	.00720	.000	2.80	.00108	.000	1
S2	1.2500	1.2359	-.014	-1.13	.19259	.000	1
S3	2.5000	2.4726	-.027	-1.10	.38531	.000	1
S4	5.0000	5.0217	.022	.434	.78256	.001	1
S5	10.000	10.020	.020	.196	1.5614	.003	1

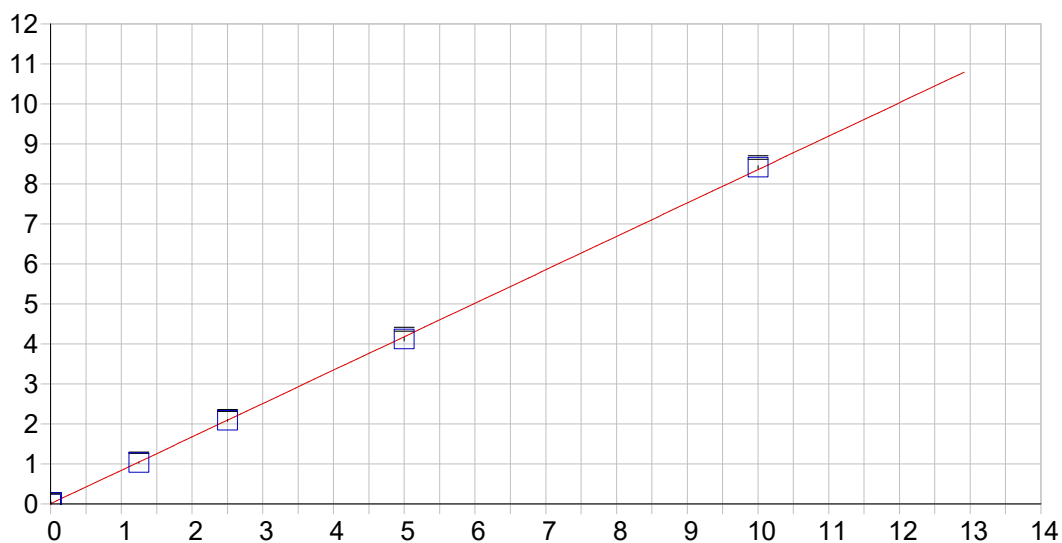


Ti 336.121 {100}

Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001892	Re-Slope:	1.000000
A1 (Gain):	0.378747	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.001367		
Predicted MQL:	0.004557		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00189	.001	1
S1	.10000	.10330	.003	3.30	.04101	.000	1
S2	1.2500	1.2745	.024	1.96	.48444	.002	1
S3	2.5000	2.5517	.052	2.07	.96800	.007	1
S4	5.0000	5.0255	.026	.510	1.9046	.006	1
S5	10.000	9.8950	-.105	-1.05	3.7483	.005	1



Li 670.784 { 50}

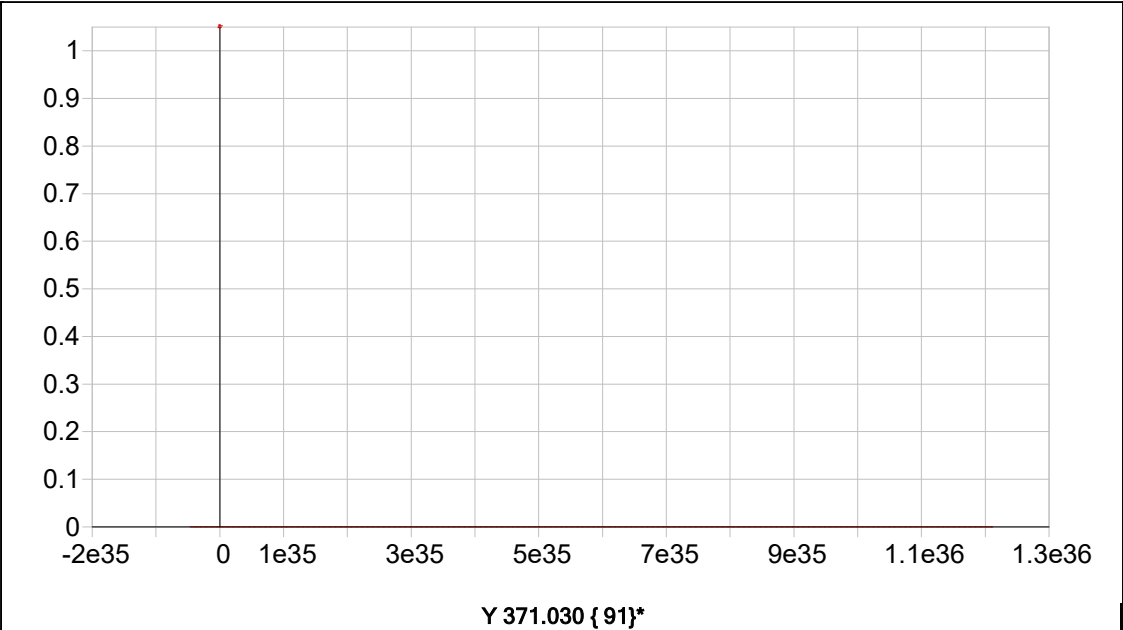
Date of Fit: 06/25/2019 10:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003639 Re-Slope: 1.000000
 A1 (Gain): 0.835473 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998036 Status: OK.
 Std Error of Est: 0.001077
 Predicted MDL: 0.002060
 Predicted MQL: 0.006866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00361	.001	1
S5	10.000	10.064	.064	.645	8.4122	.045	1
S4	5.0000	4.9295	-.070	-1.41	4.1221	.047	1
S3	2.5000	2.4943	-.006	-.229	2.0875	.024	1
S2	1.2500	1.2289	-.021	-1.69	1.0303	.014	1
S1	.01500	.04788	.033	219.	.04364	.001	1



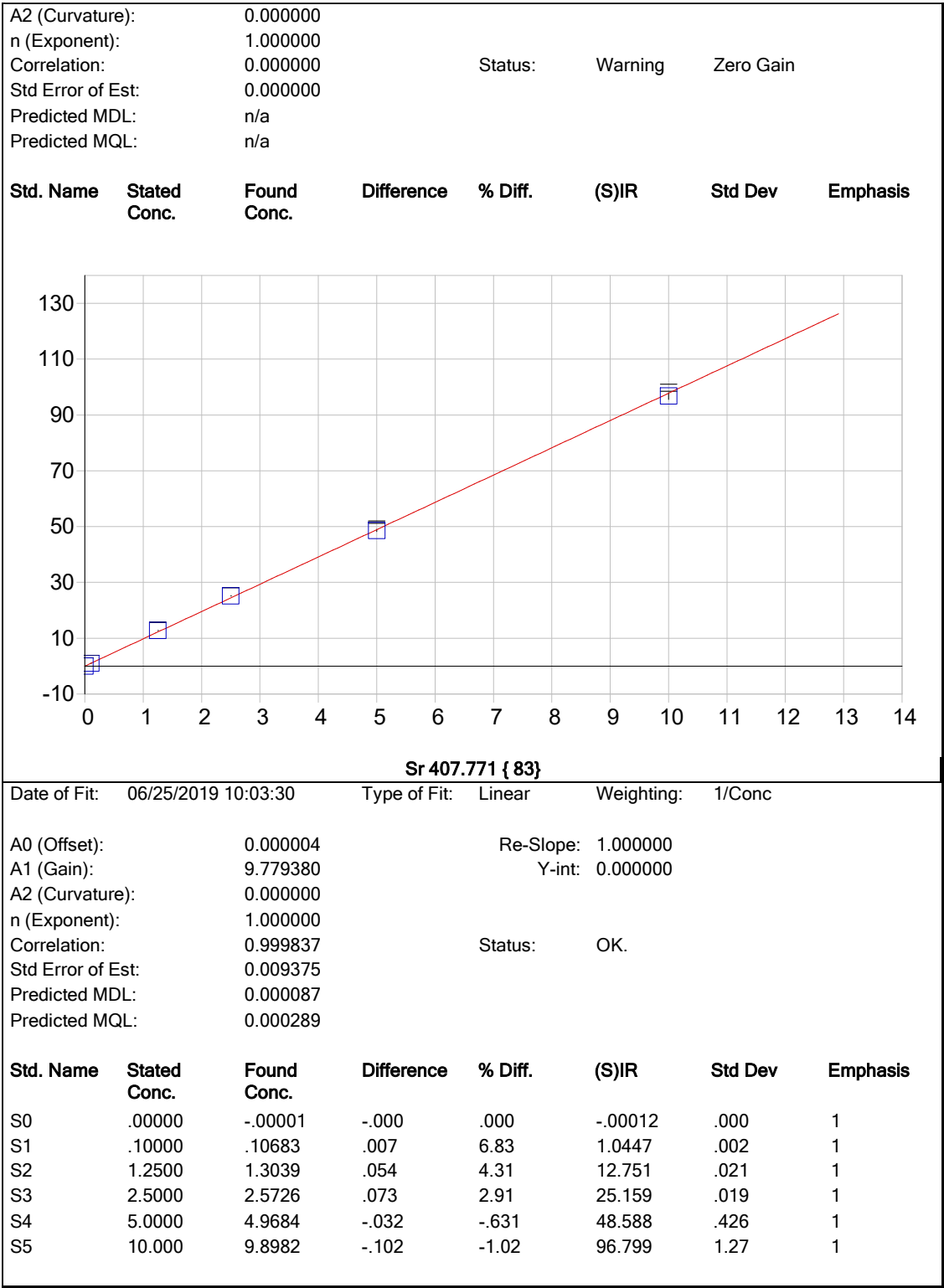




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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: S0 Acquired: 06/25/2019 9:25:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00069	-.00129	-.00015	.00110	.00092	.00417	.00398	-.00262
Stddev	.00018	.00007	.00037	.00013	.00013	.00006	.00074	.00029
%RSD	26.536	5.2518	256.58	11.495	14.374	1.3389	18.567	10.948
#1	-.00081	-.00133	-.00056	.00120	.00101	.00423	.00373	-.00242
#2	-.00048	-.00133	.00017	.00115	.00099	.00414	.00481	-.00250
#3	-.00078	-.00121	-.00005	.00096	.00077	.00413	.00340	-.00295
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	.00074	.00161	.00005	-.00025	.00169	.00018	.00014	-.00029
Stddev	.00039	.00061	.00007	.00013	.00029	.00031	.00021	.00006
%RSD	53.243	37.743	145.70	52.970	17.328	170.73	150.83	20.557
#1	.00083	.00138	.00005	-.00018	.00200	.00053	-.00004	-.00031
#2	.00031	.00230	-.00002	-.00040	.00141	.00010	.00008	-.00023
#3	.00108	.00115	.00013	-.00017	.00167	-.00008	.00037	-.00034
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	-.00313	-.00093	-.00101	.00048	.00012	.00220	-.00102	.00216
Stddev	.00013	.00010	.00118	.00021	.00015	.00103	.00003	.00016
%RSD	4.0276	10.696	117.31	44.915	119.86	47.041	3.3387	7.3146
#1	-.00311	-.00100	-.00226	.00026	.00001	.00119	-.00100	.00215
#2	-.00326	-.00098	.00009	.00069	.00029	.00216	-.00106	.00232
#3	-.00301	-.00082	-.00086	.00049	.00007	.00325	-.00100	.00201
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	.00052	.00033	.00593	-.00001	.00189	.00361	-.00012	
Stddev	.00012	.00006	.00012	.00004	.00061	.00078	.00030	
%RSD	23.077	16.883	2.1011	463.60	32.418	21.570	255.06	
#1	.00048	.00038	.00582	.00003	.00123	.00440	-.00046	
#2	.00065	.00032	.00590	-.00005	.00244	.00284	.00001	
#3	.00042	.00027	.00607	-.00000	.00200	.00360	.00010	

Sample Name: S0 Acquired: 06/25/2019 9:25:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.6	1851.5	39779.	7883.9	3042.2
Stddev	13.4	5.4	276.	34.7	8.0
%RSD	.74037	.28949	.69286	.43965	.26354
#1	1824.0	1855.0	39890.	7845.9	3040.9
#2	1798.5	1845.3	39465.	7892.3	3034.9
#3	1818.4	1854.1	39982.	7913.7	3050.7

Sample Name: S1 Acquired: 06/25/2019 9:29:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	-.00019	.00124	.00168	.00479	.01644	.02397	.68724	.02656
Stddev	.00014	.00023	.00032	.00010	.00037	.00128	.00757	.00045
%RSD	74.355	18.636	19.006	2.1106	2.2516	5.3364	1.1010	1.6997
#1	-.00024	.00106	.00135	.00478	.01681	.02431	.69597	.02664
#2	-.00030	.00117	.00171	.00470	.01607	.02256	.68268	.02607
#3	-.00003	.00150	.00199	.00490	.01642	.02504	.68306	.02696
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	.01908	.24608	.00230	.04173	.00696	.00464	.00839	.07109
Stddev	.00031	.00140	.00013	.00022	.00023	.00036	.00027	.00098
%RSD	1.6035	.56996	5.6704	.51799	3.3099	7.8653	3.2442	1.3816
#1	.01942	.24767	.00216	.04186	.00672	.00436	.00868	.07219
#2	.01902	.24503	.00233	.04148	.00698	.00450	.00835	.07078
#3	.01881	.24553	.00242	.04185	.00718	.00505	.00814	.07031
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	.03000	.00147	.02731	.00787	.01890	.10803	-.00058	.00469
Stddev	.00024	.00009	.00118	.00041	.00056	.00221	.00007	.00010
%RSD	.78562	5.7914	4.3250	5.2126	2.9862	2.0474	11.154	2.1514
#1	.03014	.00139	.02849	.00810	.01828	.11027	-.00051	.00477
#2	.02972	.00156	.02613	.00739	.01937	.10797	-.00064	.00471
#3	.03012	.00147	.02731	.00811	.01906	.10585	-.00060	.00458
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	.01398	.00355	.03393	.00108	.04101	.04364	1.0447	
Stddev	.00007	.00014	.00024	.00018	.00024	.00113	.0018	
%RSD	.47883	3.9353	.71110	16.330	.58883	2.6000	.17534	
#1	.01405	.00368	.03395	.00121	.04073	.04247	1.0444	
#2	.01398	.00340	.03416	.00088	.04110	.04374	1.0467	
#3	.01392	.00357	.03368	.00115	.04119	.04473	1.0431	

Sample Name: S1 Acquired: 06/25/2019 9:29:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1807.8	1838.5	39666.	7893.8	3052.2
Stddev	6.8	.7	114.	64.5	2.4
%RSD	.37744	.03931	.28767	.81665	.07806
#1	1812.4	1837.8	39731.	7819.5	3051.0
#2	1811.2	1839.2	39733.	7926.0	3055.0
#3	1800.0	1838.5	39535.	7935.8	3050.7

Sample Name: S2 Acquired: 06/25/2019 9:33:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.06985	.12009	1.2103	.15827	.32902	3.7608	8.5583	.72569
Stddev	.00059	.00012	.0045	.00045	.00136	.0158	.0963	.01246
%RSD	.84343	.10160	.36764	.28399	.41326	.41983	1.1250	1.7176

#1	.06917	.12005	1.2108	.15798	.32772	3.7790	8.6641	.73729
#2	.07015	.12023	1.2056	.15804	.32890	3.7508	8.4759	.71251
#3	.07023	.12000	1.2144	.15879	.33043	3.7527	8.5350	.72726

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	2.2120	2.9299	.80100	.51499	.78325	1.5506	1.9801	.85342
Stddev	.0071	.0290	.00709	.00144	.00216	.0114	.0208	.00577
%RSD	.32100	.98938	.88527	.27893	.27616	.73551	1.0477	.67576

#1	2.2083	2.9606	.80736	.51381	.78560	1.5604	2.0010	.85927
#2	2.2074	2.9031	.79335	.51456	.78134	1.5381	1.9596	.84774
#3	2.2201	2.9259	.80229	.51659	.78281	1.5533	1.9798	.85326

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	.49166	.07734	.20349	.08897	1.1712	.78645	.06333	.37195
Stddev	.00174	.00083	.00202	.00058	.0191	.00475	.00024	.00789
%RSD	.35459	1.0772	.99236	.65000	1.6277	.60444	.38286	2.1220

#1	.49078	.07818	.20563	.08964	1.1518	.79182	.06327	.38018
#2	.49053	.07732	.20321	.08857	1.1899	.78276	.06312	.36445
#3	.49367	.07651	.20162	.08871	1.1717	.78478	.06359	.37121

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	1.5966	.04681	.38626	.19259	.48444	1.0303	12.751
Stddev	.0042	.00031	.00765	.00050	.00198	.0140	.021
%RSD	.26443	.67117	1.9805	.25721	.40924	1.3554	.16767

#1	1.5929	.04680	.39419	.19290	.48621	1.0454	12.774
#2	1.5955	.04650	.37892	.19202	.48230	1.0178	12.733
#3	1.6012	.04713	.38568	.19285	.48481	1.0278	12.746

Sample Name: S2 Acquired: 06/25/2019 9:33:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1638.8	1662.7	36734.	7448.6	2771.0
Stddev	19.2	4.3	270.	76.5	10.0
%RSD	1.1733	.25754	.73443	1.0265	.36252
#1	1652.8	1661.8	36637.	7361.3	2764.7
#2	1616.9	1667.3	36526.	7503.8	2782.5
#3	1646.7	1658.9	37039.	7480.7	2765.6

Sample Name: S3 Acquired: 06/25/2019 9:37:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.14144	.24001	2.4134	.31225	.66211	7.5683	17.571	1.4445
Stddev	.00023	.00071	.0021	.00089	.00389	.0409	.202	.0093
%RSD	.16396	.29510	.08597	.28509	.58794	.54066	1.1485	.64412

#1	.14169	.24072	2.4119	.31304	.66357	7.5490	17.498	1.4449
#2	.14123	.23931	2.4158	.31128	.65770	7.6153	17.799	1.4536
#3	.14141	.23999	2.4126	.31242	.66507	7.5407	17.416	1.4350

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	4.3499	5.9597	1.5757	1.0314	1.5645	3.0834	3.9950	1.7351
Stddev	.0037	.0571	.0019	.0009	.0041	.0204	.0323	.0131
%RSD	.08570	.95882	.11988	.08843	.26115	.66202	.80865	.75535

#1	4.3463	5.9400	1.5754	1.0322	1.5598	3.0773	3.9838	1.7305
#2	4.3537	6.0241	1.5777	1.0317	1.5674	3.1062	4.0315	1.7499
#3	4.3497	5.9150	1.5739	1.0304	1.5664	3.0668	3.9698	1.7249

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	.98290	.15779	.40996	.17995	2.3297	1.5802	.12822	.75556
Stddev	.00201	.00039	.00420	.00104	.0137	.0024	.00069	.00360
%RSD	.20490	.24978	1.0246	.57861	.58858	.15320	.53728	.47648

#1	.98307	.15794	.41070	.17989	2.3414	1.5794	.12864	.75790
#2	.98080	.15735	.41375	.18102	2.3146	1.5829	.12743	.75736
#3	.98482	.15809	.40544	.17894	2.3331	1.5782	.12860	.75141

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2135	.09388	.75570	.38531	.96800	2.0875	25.159
Stddev	.0082	.00037	.00390	.00028	.00725	.0242	.019
%RSD	.25485	.39487	.51663	.07179	.74909	1.1611	.07663

#1	3.2154	.09345	.75478	.38563	.96527	2.0793	25.167
#2	3.2045	.09409	.75998	.38517	.97622	2.1148	25.172
#3	3.2205	.09409	.75233	.38512	.96251	2.0685	25.137

Sample Name: S3 Acquired: 06/25/2019 9:37:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1608.7	1596.2	36261.	7313.3	2659.5
Stddev	14.7	5.9	154.	43.0	2.1
%RSD	.91078	.36984	.42405	.58859	.07818
#1	1592.2	1593.1	36099.	7278.3	2657.3
#2	1620.3	1603.0	36405.	7300.1	2661.5
#3	1613.6	1592.4	36279.	7361.4	2659.7

Sample Name: S5 Acquired: 06/25/2019 9:45:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.61670	.92456	9.7909	1.2516	2.8684	30.852	68.923	5.5050
Stddev	.00221	.00205	.0099	.0030	.0040	.041	.251	.0277
%RSD	.35872	.22150	.10070	.24312	.13985	.13440	.36434	.50333

#1	.61727	.92316	9.7871	1.2492	2.8642	30.819	69.155	5.5334
#2	.61425	.92361	9.7835	1.2507	2.8688	30.840	68.656	5.4780
#3	.61857	.92691	9.8021	1.2550	2.8722	30.899	68.958	5.5036

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	16.970	23.202	6.0127	4.1431	6.1676	11.609	15.287	6.9178
Stddev	.027	.080	.0035	.0046	.0216	.014	.039	.0161
%RSD	.15884	.34492	.05883	.11180	.34962	.11686	.25822	.23238

#1	16.947	23.195	6.0161	4.1391	6.1483	11.595	15.279	6.9010
#2	16.962	23.126	6.0128	4.1420	6.1909	11.622	15.253	6.9192
#3	17.000	23.285	6.0090	4.1482	6.1635	11.612	15.330	6.9331

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	3.9162	.65078	1.6294	.69569	9.9655	6.4857	.51241	2.9461
Stddev	.0047	.00219	.0060	.00092	.1067	.0153	.00118	.0201
%RSD	.12119	.33652	.36551	.13211	1.0704	.23517	.23114	.68148

#1	3.9113	.65086	1.6326	.69581	9.8468	6.4711	.51124	2.9620
#2	3.9165	.64856	1.6225	.69471	10.053	6.5015	.51238	2.9236
#3	3.9208	.65293	1.6330	.69654	9.9966	6.4846	.51361	2.9529

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	13.802	.37438	2.8399	1.5614	3.7483	8.4122	96.799
Stddev	.026	.00053	.0145	.0033	.0054	.0451	1.273
%RSD	.19062	.14033	.50952	.21213	.14337	.53619	1.3156

#1	13.780	.37394	2.8539	1.5596	3.7467	8.4316	97.571
#2	13.795	.37423	2.8250	1.5594	3.7439	8.3607	95.329
#3	13.831	.37496	2.8408	1.5652	3.7543	8.4444	97.497

Sample Name: S5 Acquired: 06/25/2019 9:45:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1376.1	1317.0	33877.	6997.9	2290.0
Stddev	7.3	2.5	142.	42.5	3.1
%RSD	.52940	.18794	.42016	.60798	.13404
#1	1383.5	1316.0	33973.	6982.4	2288.2
#2	1375.8	1319.9	33944.	7046.0	2293.6
#3	1369.0	1315.2	33713.	6965.2	2288.4

Sample Name: S4 Acquired: 06/25/2019 9:41:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.29125	.47899	4.8957	.61943	1.3631	15.242	34.809	2.7992
Stddev	.00053	.00106	.0061	.00053	.0039	.039	.309	.0277
%RSD	.18143	.22142	.12435	.08555	.28219	.25817	.88645	.98889

#1	.29133	.47860	4.8910	.62003	1.3653	15.258	34.981	2.8120
#2	.29069	.47818	4.8936	.61924	1.3587	15.270	34.993	2.8182
#3	.29174	.48019	4.9026	.61901	1.3653	15.197	34.453	2.7675

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	8.6414	11.723	3.0941	2.0832	3.1022	5.9768	7.8007	3.4519
Stddev	.0056	.093	.0037	.0019	.0034	.0262	.0502	.0139
%RSD	.06478	.79243	.12127	.08897	.10924	.43803	.64382	.40289

#1	8.6388	11.778	3.0899	2.0817	3.0985	6.0050	7.8447	3.4650
#2	8.6376	11.775	3.0971	2.0827	3.1029	5.9721	7.8114	3.4535
#3	8.6479	11.616	3.0953	2.0853	3.1052	5.9532	7.7460	3.4373

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	1.9828	.32313	.81617	.35364	4.8467	3.1982	.26227	1.4924
Stddev	.0039	.00111	.00481	.00100	.0302	.0068	.00032	.0130
%RSD	.19693	.34275	.58975	.28174	.62398	.21383	.12278	.86993

#1	1.9805	.32269	.81885	.35377	4.8264	3.2038	.26259	1.5011
#2	1.9806	.32230	.81904	.35457	4.8321	3.2003	.26227	1.4985
#3	1.9873	.32438	.81061	.35259	4.8814	3.1906	.26195	1.4774

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.5690	.18979	1.4692	.78256	1.9046	4.1221	48.588	
Stddev	.0106	.00059	.0140	.00094	.0058	.0469	.426	
%RSD	.16183	.31162	.95060	.12016	.30265	1.1376	.87718	

#1	6.5810	.19044	1.4758	.78334	1.9047	4.1502	48.671	
#2	6.5607	.18927	1.4786	.78152	1.9103	4.1482	48.967	
#3	6.5654	.18966	1.4532	.78283	1.8988	4.0680	48.127	

Sample Name: S4 Acquired: 06/25/2019 9:41:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1503.0	1488.0	35110.	7244.2	2493.6
Stddev	2.1	.9	96.	50.1	4.7
%RSD	.13987	.06066	.27333	.69096	.18892
#1	1504.4	1488.5	35123.	7207.1	2498.7
#2	1500.5	1486.9	35200.	7224.3	2492.4
#3	1504.0	1488.5	35009.	7301.1	2489.5

Sample Name: S6 Acquired: 06/25/2019 9:49:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	86.661	39.678	33.001	11.807	4.8771
Stddev	1.438	.368	.212	.068	.0280
%RSD	1.6589	.92804	.64332	.57356	.57320

#1	86.390	39.381	32.920	11.792	4.8884
#2	85.378	39.563	32.841	11.748	4.8453
#3	88.215	40.090	33.242	11.881	4.8977

Int. Std.	Y_3710
Units	Cts/S
Avg	6820.9
Stddev	62.1
%RSD	.91012

#1	6846.5
#2	6866.1
#3	6750.1

Sample Name: ICV Acquired: 06/25/2019 10:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	1.011449	1.062348	.9866663	1.006588	.9999365	2.519188
Stddev	.003730	.001594	.0016874	.004187	.0028567	.019341
%RSD	.3687578	.1500455	.1710244	.4159288	.2856913	.7677642

#1	1.013851	1.062828	.9882300	1.008635	.9985336	2.499569
#2	1.007153	1.060569	.9848777	1.009356	1.003224	2.538239
#3	1.013344	1.063647	.9868912	1.001771	.998052	2.519756

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5259724	.5212893	.5008620	10.34687	.5167066	.5011746
Stddev	.0025038	.0040978	.0003839	.03796	.0018572	.0006967
%RSD	.4760397	.7860891	.0766455	.3668383	.3594310	.1390100

#1	.5231114	.5177883	.5010515	10.31283	.5154872	.5016868
#2	.5270415	.5202830	.5004203	10.33998	.5157885	.5003813
#3	.5277641	.5257965	.5011144	10.38780	.5188440	.5014557

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009312	5.329558	.5241916	5.974054	.5174037	.4919923
Stddev	.0013017	.026530	.0019191	.042153	.0014525	.0044047
%RSD	.2598473	.4977938	.3660988	.7055972	.2807309	.8952804

#1	.5001897	5.355419	.5220006	5.992212	.5158111	.4882719
#2	.5001698	5.302406	.5250002	5.925866	.5177447	.4908492
#3	.5024342	5.330850	.5255740	6.004085	.5186554	.4968559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.508291	.5199882	.9701021	10.55204	F -.002730	F .0016710
Stddev	.202442	.0012937	.0151872	.14867	.001533	.0008705
%RSD	2.129107	.2487994	1.565528	1.408959	56.15983	52.09423

#1	9.543031	.5184975	.9816402	10.38111	-.002346	.0014741
#2	9.691115	.5208175	.9757700	10.65134	-.004419	.0009159
#3	9.290728	.5206496	.9528960	10.62367	-.001425	.0026231

Sample Name: ICV Acquired: 06/25/2019 10:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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 .0002387	F .0042998	F -.001877	F .0014715	F -.001871	F .0146984
Stddev	.0001218	.0033367	.000528	.0003743	.000753	.0006514
%RSD	51.02653	77.60199	28.13663	25.43563	40.24413	4.431770

#1	.0003051	.0045878	-.002467	.0010425	-.002472	.0152751
#2	.0003129	.0008284	-.001717	.0017315	-.001026	.0139918
#3	.0000981	.0074832	-.001448	.0016405	-.002114	.0148282

Elem	Sr4077
Units	ppm
Avg	F .0120088
Stddev	.0001316
%RSD	1.096133

#1	.0120434
#2	.0118633
#3	.0121196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.879	1677.149	36858.27	7261.018	2868.547
Stddev	7.169	5.846	108.84	47.833	7.005
%RSD	.4280365	.3485822	.2953031	.6587599	.2442079

#1	1667.389	1670.967	36820.47	7294.061	2860.559
#2	1675.569	1682.588	36980.97	7282.824	2873.644
#3	1681.678	1677.892	36773.36	7206.168	2871.437

Sample Name: ICB Acquired: 06/25/2019 10:09:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.0004661	.0022751	-.000875	-.000239	-.001074	-.000309	-.000297
Stddev	.0036296	.0009201	.000675	.001486	.000893	.005038	.000301
%RSD	778.6470	40.44342	77.21675	621.1858	83.10512	1631.330	101.5290

#1	-.002136	.0015123	-.000111	.001432	-.001910	-.001974	-.000065
#2	-.001078	.0032970	-.001393	-.001411	-.001178	.005351	-.000188
#3	.004613	.0020160	-.001120	-.000739	-.000134	-.004303	-.000637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002150	.0000312	-.005136	-.000008	.0005704	.0006833	.0007694
Stddev	.0000428	.0000813	.001754	.000316	.0001228	.0012416	.0044991
%RSD	19.88955	260.5102	34.15202	3888.332	21.53471	181.6976	584.7422

#1	.0001656	-.000025	-.004899	.000173	.0004286	-.000737	-.003598
#2	.0002403	-.000006	-.006997	-.000373	.0006375	.001222	.005389
#3	.0002391	.000124	-.003513	.000176	.0006450	.001565	.000517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001834	.0189528	.0006460	.0002767	-.246286	-.002376	-.000325
Stddev	.0002349	.0222812	.0002310	.0001968	.340162	.002859	.001475
%RSD	128.0780	117.5619	35.76551	71.11178	138.1166	120.3621	453.7691

#1	.0003642	.0017110	.0008320	.0004568	-.637930	-.005461	.000495
#2	.0002682	.0441113	.0003874	.0000667	-.076380	.000185	-.002028
#3	-.000082	.0110359	.0007185	.0003067	-.024549	-.001851	.000557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4226073	-.002682	-.001922	.0002807	-.000478	-.004800	.0007623
Stddev	.0424832	.000753	.000521	.0002146	.001115	.000576	.0002910
%RSD	10.05265	28.08847	27.10000	76.46610	233.2429	11.99370	38.16924

#1	.4268120	-.003467	-.002516	.0000484	-.001078	-.004845	.0004264
#2	.4628319	-.002612	-.001541	.0003220	-.001163	-.005351	.0009230
#3	.3781781	-.001965	-.001709	.0004717	.000808	-.004203	.0009374

Sample Name: ICB Acquired: 06/25/2019 10:09:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	-.000934	.0064500	-.000013
Stddev	.000503	.0016244	.000055
%RSD	53.83574	25.18432	427.1222

#1	-.001380	.0069647	-.000074
#2	-.001033	.0077547	.000033
#3	-.000389	.0046306	.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.690	1727.549	38016.45	7395.240	2922.997
Stddev	10.742	3.031	151.05	67.012	5.024
%RSD	.6178400	.1754497	.3973361	.9061566	.1718904

#1	1726.583	1726.375	37844.97	7413.260	2917.981
#2	1742.405	1725.280	38074.60	7321.060	2922.980
#3	1747.081	1730.991	38129.79	7451.400	2928.030

Sample Name: ICSA Acquired: 06/25/2019 10:13:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	-.005940	.0067320	-.004822	-.018658	.0056139	265.3281
Stddev	.006326	.0025802	.000963	.006046	.0008045	.3538
%RSD	106.4938	38.32816	19.97945	32.40730	14.33120	.1333500

#1	-.004776	.0078099	-.003930	-.013862	.0048605	265.6287
#2	-.012768	.0085985	-.004692	-.016660	.0064614	265.4175
#3	-.000278	.0037876	-.005844	-.025450	.0055199	264.9382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066815	.0011389	.0011873	272.5697	.0518051	.0017640
Stddev	.0002214	.0000169	.0000829	1.0421	.0006523	.0005156
%RSD	3.313039	1.480305	6.984481	.3823159	1.259227	29.23114

#1	.0064563	.0011201	.0011088	273.7085	.0516039	.0012322
#2	.0066893	.0011437	.0012741	272.3371	.0525343	.0022618
#3	.0068989	.0011528	.0011790	271.6637	.0512770	.0017979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002509	110.2254	.0143320	278.1301	.0019834	-.008187
Stddev	.003078	.5756	.0004468	1.0496	.0000058	.000399
%RSD	122.6986	.5221835	3.117329	.3773943	.2913264	4.867538

#1	-.006062	110.7345	.0138240	279.2148	.0019767	-.008008
#2	-.000817	110.3407	.0145081	278.0562	.0019858	-.008644
#3	-.000647	109.6008	.0146638	277.1194	.0019875	-.007909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.412910	-.002939	.0086324	.5706309	F .0130049	-.013920
Stddev	.151556	.001726	.0012227	.0129849	.0024691	.002483
%RSD	36.70430	58.70733	14.16420	2.275534	18.98635	17.83613

#1	-.251611	-.004401	.0074970	.5746673	.0114811	-.016430
#2	-.552348	-.001036	.0099269	.5811183	.0158537	-.013867
#3	-.434773	-.003382	.0084734	.5561072	.0116797	-.011465

Sample Name: ICSA Acquired: 06/25/2019 10:13:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) 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	.0013901	F .0118437	F -.005829	.0002925	F -.003825	W .0146891
Stddev	.0002432	.0076386	.000363	.0007717	.000762	.0005805
%RSD	17.49576	64.49501	6.223541	263.8030	19.91728	3.951751

#1	.0014957	.0042781	-.005649	.0011405	-.003608	.0153248
#2	.0011119	.0195532	-.006246	-.000368	-.003195	.0141873
#3	.0015626	.0116997	-.005591	.000105	-.004672	.0145551

Elem	Sr4077
Units	ppm
Avg	F .1111005
Stddev	.0002019
%RSD	.1816954

#1	.1111522
#2	.1112715
#3	.1108778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.609	1569.705	34627.69	7090.395	2545.594
Stddev	7.553	2.050	183.59	61.635	6.494
%RSD	.4811709	.1306178	.5301812	.8692716	.2550993

#1	1576.967	1569.003	34791.84	7021.115	2541.388
#2	1569.985	1572.014	34429.44	7139.143	2553.073
#3	1561.876	1568.098	34661.78	7110.927	2542.321

Sample Name: K3403-06 Acquired: 06/25/2019 13:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6305586	.0640533	4.616919	-.030829	.0177501	17.58527
Stddev	.0015270	.0020410	.008948	.001735	.0009757	.05160
%RSD	.2421602	3.186359	.1938104	5.626708	5.496698	.2934337

#1	.6296095	.0664051	4.608006	-.032054	.0188633	17.64480
#2	.6323200	.0627463	4.616848	-.028844	.0170437	17.55325
#3	.6297463	.0630085	4.625902	-.031589	.0173431	17.55776

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832802	.0064388	.0170591	9.626224	-.021619	.0291362
Stddev	.0002697	.0001249	.0001022	.026155	.000220	.0001485
%RSD	.1471539	1.939809	.5990840	.2717046	1.015742	.5095237

#1	.1835587	.0062957	.0171512	9.656175	-.021381	.0292501
#2	.1832618	.0065260	.0169491	9.607885	-.021662	.0289683
#3	.1830202	.0064946	.0170771	9.614614	-.021814	.0291902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6637350	79.81970	F 137.6927	2.460184	.0144557	.0847006
Stddev	.0007888	.07031	1.0046	.009760	.0003913	.0002733
%RSD	.1188388	.0880882	.7296029	.3967244	2.707094	.3226861

#1	.6637148	79.88045	137.1615	2.448976	.0144934	.0844731
#2	.6645336	79.74268	137.0651	2.464767	.0140469	.0846249
#3	.6629565	79.83596	138.8514	2.466809	.0148268	.0850037

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.224015	.3830776	2.657195	13.52363	3.132012	-.015848
Stddev	.101188	.0035186	.010394	.04467	.009121	.000816
%RSD	45.17018	.9185212	.3911545	.3303235	.2912144	5.151384

#1	-.287329	.3837991	2.659788	13.51505	3.122739	-.016530
#2	-.107314	.3792541	2.645750	13.48387	3.140972	-.014943
#3	-.277402	.3861796	2.666046	13.57197	3.132325	-.016069

Sample Name: K3403-06 Acquired: 06/25/2019 13:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277077	.5987506	1.474898	.0059287	.1388834	.0080555
Stddev	.0003567	.0039588	.003467	.0005836	.0006474	.0009213
%RSD	.2792830	.6611762	.2350660	9.844166	.4661444	11.43698
#1	.1280234	.5963716	1.478397	.0059445	.1382338	.0085259
#2	.1273208	.5965596	1.474833	.0065043	.1388879	.0069939
#3	.1277789	.6033205	1.471464	.0053373	.1395286	.0086465

Elem	Sr4077
Units	ppm
Avg	1.062152
Stddev	.002564
%RSD	.2413515
#1	1.064763
#2	1.062056
#3	1.059638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.552	2622.542	57462.78	11288.44	2792.599
Stddev	9.420	2.881	265.01	33.01	1.544
%RSD	.3604455	.1098601	.4611817	.2924327	.0552836
#1	2607.196	2619.696	57570.22	11251.13	2792.165
#2	2624.375	2625.457	57657.19	11313.85	2794.314
#3	2609.085	2622.471	57160.92	11300.34	2791.319

Sample Name: K3403-18 Acquired: 06/25/2019 14:14:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.142685	.0149943	6.078224	.0006807	.0379895	14.75036	.1294803
Stddev	.003228	.0022002	.005201	.0010798	.0013241	.03645	.0004341
%RSD	.2824741	14.67342	.0855716	158.6157	3.485523	.2470901	.3352431

#1	1.145979	.0160925	6.075232	-.000430	.0384765	14.72169	.1296789
#2	1.139527	.0124612	6.075209	.000745	.0390012	14.79138	.1289825
#3	1.142551	.0164292	6.084229	.001727	.0364909	14.73801	.1297796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073196	.0108969	7.590128	-.027381	.0303854	.8254299	301.8220
Stddev	.0001415	.0002183	.016988	.000230	.0004175	.0027815	.8495
%RSD	1.932479	2.003415	.2238185	.8406364	1.374160	.3369735	.2814518

#1	.0073393	.0111059	7.574948	-.027397	.0301015	.8229255	300.8561
#2	.0071694	.0106704	7.586956	-.027144	.0308648	.8284236	302.1566
#3	.0074502	.0109143	7.608478	-.027603	.0301899	.8249407	302.4532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.470548	.9821233	.0188478	.4799012	.4881855	.1124712	3.267978
Stddev	.016288	.0052304	.0007216	.0034203	.2520635	.0025920	.005919
%RSD	.1719879	.5325638	3.828790	.7127069	51.63272	2.304547	.1811179

#1	9.460606	.9881353	.0196372	.4782340	.7062489	.1128764	3.274710
#2	9.461692	.9796158	.0186842	.4838354	.5461038	.1097006	3.265632
#3	9.489345	.9786187	.0182220	.4776342	.2122039	.1148368	3.263591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.63982	6.133470	-.054208	.0840564	36.49880	1.084275	.0052696
Stddev	.11895	.017010	.008295	.0000691	.10089	.004467	.0010181
%RSD	.6743527	.2773262	15.30137	.0822583	.2764323	.4120039	19.31963

#1	17.52172	6.120036	-.051677	.0841352	36.39246	1.079898	.0044174
#2	17.75961	6.127778	-.063474	.0840056	36.59318	1.088827	.0049943
#3	17.63814	6.152596	-.047474	.0840285	36.51076	1.084101	.0063970

Sample Name: K3403-18 Acquired: 06/25/2019 14:14:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0475140	-.001363	.2345299
Stddev	.0011779	.001702	.0008805
%RSD	2.479020	124.8714	.3754353

#1	.0478590	-.003302	.2338443
#2	.0462021	-.000119	.2355229
#3	.0484808	-.000668	.2342224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.189	2325.211	50877.80	10047.10	2840.990
Stddev	.316	.248	148.73	38.56	.523
%RSD	.0135508	.0106782	.2923294	.3837832	.0184232

#1	2330.496	2325.317	51031.67	10087.92	2841.443
#2	2330.204	2324.927	50734.81	10042.08	2841.110
#3	2329.865	2325.389	50866.92	10011.30	2840.417

Sample Name: K3404-14 Acquired: 06/25/2019 15:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6086931	-.008616	1.882719	-.006870	.0232981	10.90507	.0964945
Stddev	.0022786	.001221	.003518	.000564	.0001215	.00774	.0005287
%RSD	.3743447	14.17693	.1868644	8.209665	.5213804	.0710106	.5478817

#1	.6104889	-.010003	1.881843	-.006508	.0234056	10.89800	.0961399
#2	.6061298	-.008147	1.879723	-.007519	.0233223	10.90385	.0962414
#3	.6094606	-.007698	1.886593	-.006582	.0231663	10.91335	.0971021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035572	.0075802	3.199737	.0028152	.0121263	1.096842	46.15437
Stddev	.0000444	.0000518	.012242	.0000471	.0003643	.005814	.12761
%RSD	1.249241	.6837316	.3826078	1.671561	3.004295	.5300263	.2764839

#1	.0035428	.0076376	3.187678	.0028431	.0125116	1.090171	46.09177
#2	.0035218	.0075663	3.199378	.0028416	.0117874	1.100823	46.07016
#3	.0036071	.0075368	3.212155	.0027609	.0120798	1.099533	46.30120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6130321	1.531683	.0127102	.0007504	-.039738	.1136952	.4745418
Stddev	.0028406	.001649	.0003550	.0002294	.169338	.0015586	.0014624
%RSD	.4633759	.1076714	2.792895	30.57826	426.1335	1.370837	.3081606

#1	.6162697	1.529893	.0130487	.0009685	-.007707	.1120102	.4728723
#2	.6109575	1.532016	.0123408	.0007716	.111296	.1150853	.4755957
#3	.6118691	1.533140	.0127412	.0005111	-.222804	.1139901	.4751574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.743433	2.443593	-.007773	.0195749	.5131144	1.544519	.0144782
Stddev	.016004	.008161	.000721	.0001824	.0063896	.014852	.0004418
%RSD	.4275214	.3339683	9.271758	.9316681	1.245267	.9615979	3.051301

#1	3.743705	2.437842	-.008583	.0193687	.5177080	1.561339	.0145530
#2	3.727295	2.440004	-.007200	.0196406	.5058174	1.533211	.0148778
#3	3.759299	2.452933	-.007537	.0197152	.5158177	1.539007	.0140038

Sample Name: K3404-14 Acquired: 06/25/2019 15:22:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1466487	.0013564	.0283550
Stddev	.0007667	.0008263	.0001542
%RSD	.5227792	60.91700	.5439119

#1	.1457679	.0023058	.0283459
#2	.1470128	.0009641	.0282055
#3	.1471655	.0007994	.0285136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.945	3478.513	76325.03	14810.95	2937.689
Stddev	13.611	7.118	571.31	59.83	10.057
%RSD	.3883371	.2046399	.7485190	.4039367	.3423394

#1	3512.912	3475.427	76952.10	14764.92	2941.055
#2	3512.695	3486.654	76188.92	14878.57	2945.632
#3	3489.229	3473.458	75834.07	14789.34	2926.381

Sample Name: CCB009 Acquired: 06/25/2019 10:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000164	.0015463	-.000290	-.000408	-.000540	.0113151	.0004591
Stddev	.004548	.0002897	.001289	.001096	.001008	.0059142	.0002285
%RSD	2769.745	18.73424	444.5842	268.2867	186.7312	52.26765	49.77460

#1	-.004824	.0013914	-.001076	-.000044	.000238	.0180531	.0005717
#2	.000067	.0013669	-.000992	.000459	-.001678	.0069832	.0006094
#3	.004264	.0018805	.001198	-.001640	-.000179	.0089092	.0001961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000859	.0000599	.0107779	.0001281	.0002409	.0023158	.0020808
Stddev	.0000653	.0000967	.0185013	.0002965	.0002696	.0019714	.0027713
%RSD	75.94739	161.4618	171.6593	231.4181	111.8939	85.13085	133.1861

#1	.0001179	.0001600	-.008564	.0000221	.0004631	.0030348	.0012541
#2	.0001290	.0000528	.012592	-.000101	.0003187	.0000857	-.000183
#3	.0000108	-.000033	.028305	.000463	-.000059	.0038268	.005171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002990	.0258124	.0005246	-.000054	-.270311	-.003893	.0001444
Stddev	.0001210	.0074238	.0004623	.000268	.097840	.000942	.0005202
%RSD	40.44884	28.76056	88.12875	497.8874	36.19545	24.18953	360.1513

#1	.0003859	.0172518	.0006713	-.000080	-.164618	-.004328	-.000023
#2	.0003503	.0304787	.0008957	.000226	-.288596	-.004538	.000728
#3	.0001609	.0297068	.0000067	-.000308	-.357718	-.002812	-.000272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349023	-.002311	.0025580	.0004813	-.004091	-.007022	.0005343
Stddev	.0321952	.002712	.0002976	.0002137	.004658	.000696	.0009225
%RSD	92.24398	117.3524	11.63314	44.40101	113.8653	9.915986	172.6582

#1	.0670004	-.003008	.0024464	.0002348	-.004663	-.007340	.0003952
#2	.0350956	.000681	.0023323	.0006148	-.008436	-.007502	-.000311
#3	.0026108	-.004607	.0028952	.0005944	.000827	-.006223	.001518

Sample Name: CCB009 Acquired: 06/25/2019 10:25:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001313	.0006024	.0000447
Stddev	.0002553	.0004208	.0000932
%RSD	194.4091	69.85748	208.5190

#1	-.000100	.0002203	-.000062
#2	.000089	.0005335	.000083
#3	.000405	.0010535	.000112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.131	1781.781	39121.98	7597.840	3022.225
Stddev	8.421	.569	88.92	44.077	1.260
%RSD	.4709506	.0319468	.2272842	.5801268	.0416947

#1	1797.833	1782.312	39218.20	7646.560	3020.834
#2	1782.719	1781.180	39042.83	7560.730	3022.550
#3	1783.840	1781.850	39104.93	7586.230	3023.290

Sample Name: PB120845BL Acquired: 06/25/2019 10:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS845 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002439	-.000619	.0003231	.0005822	-.001115	.0192365	-.000469
Stddev	.003983	.001401	.0000913	.0007559	.001391	.0090011	.000114
%RSD	163.3058	226.2155	28.27255	129.8494	124.7540	46.79174	24.32517

#1	-.003045	-.000748	.0004244	-.000260	-.002637	.0152032	-.000363
#2	.001812	.000842	.0002975	.000803	-.000798	.0295489	-.000454
#3	-.006085	-.001951	.0002472	.001203	.000090	.0129574	-.000590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	.0000382	.0509224	.0005184	.0002151	.0005359	.0134213
Stddev	.0000149	.0000264	.0141414	.0005189	.0002050	.0023332	.0082877
%RSD	55.80532	68.99801	27.77045	100.0965	95.33305	435.3601	61.75039

#1	.0000362	.0000102	.0666752	-.000075	.0003528	.0030351	.0210664
#2	.0000346	.0000420	.0467696	.000886	-.000021	.0001577	.0145838
#3	.0000096	.0000625	.0393223	.000745	.000313	-.001585	.0046137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020226	.0185055	.0001716	-.000137	-.381774	-.002735	.0074738
Stddev	.0003687	.0291528	.0003313	.000344	.279891	.001566	.0011284
%RSD	18.22737	157.5360	192.9946	251.3578	73.31329	57.26897	15.09813

#1	.0018117	.0187651	.0004835	.000143	-.367734	-.004395	.0063385
#2	.0024483	.0475275	.0002075	-.000032	-.668421	-.001284	.0085952
#3	.0018078	-.010776	-.000176	-.000522	-.109167	-.002526	.0074875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2439188	.0057104	.0030211	.0002884	-.001995	-.004755	.0010993
Stddev	.0637114	.0028458	.0013047	.0000755	.003343	.000227	.0003124
%RSD	26.11991	49.83463	43.18606	26.16658	167.6089	4.764596	28.41917

#1	.2188619	.0037785	.0019864	.0003595	.000187	-.004861	.0009885
#2	.3163493	.0089783	.0025902	.0002964	-.005844	-.004495	.0008573
#3	.1965452	.0043744	.0044868	.0002092	-.000328	-.004909	.0014520

Sample Name: PB120845BL Acquired: 06/25/2019 10:29:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS845 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000728	.0061340	.0003105
Stddev	.001459	.0020103	.0000379
%RSD	200.4580	32.77338	12.20299

#1	.000948	.0039411	.0003075
#2	-.001421	.0078898	.0002741
#3	-.001711	.0065712	.0003497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.695	1709.974	37467.60	7419.083	2894.070
Stddev	2.649	1.593	138.59	54.756	3.709
%RSD	.1557483	.0931389	.3699059	.7380482	.1281419

#1	1703.583	1711.642	37622.91	7482.090	2890.765
#2	1698.378	1709.812	37423.40	7383.010	2893.364
#3	1700.125	1708.469	37356.50	7392.150	2898.080

Sample Name: PB120845BS Acquired: 06/25/2019 10:33:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS845 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147406	.0471425	.0158046	.0533954	.1079455	.3926000
Stddev	.0006986	.0012846	.0003864	.0016442	.0004855	.0046928
%RSD	4.738973	2.724963	2.444659	3.079259	.4498004	1.195313

#1	.0142143	.0461251	.0162297	.0515352	.1083554	.3963777
#2	.0144745	.0467165	.0154748	.0546543	.1074093	.3940757
#3	.0155332	.0485860	.0157093	.0539966	.1080718	.3873468

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3798920	.0095112	.0094764	9.132618	.0207315	.0902480
Stddev	.0031847	.0000839	.0000644	.057567	.0006257	.0003137
%RSD	.8383207	.8819960	.6795827	.6303428	3.017997	.3476098

#1	.3778235	.0094413	.0095420	9.121524	.0202168	.0899048
#2	.3782930	.0094881	.0094133	9.081406	.0205499	.0905200
#3	.3835594	.0096043	.0094737	9.194925	.0214279	.0903192

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0425037	.1992935	.0329708	8.861599	.0751353	.0180192
Stddev	.0007223	.0097765	.0005645	.056940	.0005921	.0002246
%RSD	1.699268	4.905592	1.711998	.6425463	.7879731	1.246202

#1	.0428357	.2091457	.0330781	8.863698	.0754229	.0178462
#2	.0416752	.1991402	.0323604	8.803639	.0744544	.0182730
#3	.0430002	.1895945	.0334739	8.917460	.0755285	.0179385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.578306	.0951310	.1202072	9.126585	.0228751	.1682451
Stddev	.130082	.0009285	.0024092	.042759	.0018340	.0006344
%RSD	1.516408	.9760537	2.004239	.4685075	8.017570	.3770903

#1	8.728450	.0952930	.1174534	9.127518	.0240704	.1675281
#2	8.506950	.0959679	.1219255	9.083367	.0237915	.1684731
#3	8.499517	.0941321	.1212429	9.168869	.0207635	.1687340

Sample Name: PB120845BS Acquired: 06/25/2019 10:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS845 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181917	.1478457	.1699816	F .0592833	.1719743	F .0399884
Stddev	.0001994	.0029211	.0008578	.0018828	.0009091	.0004936
%RSD	1.096062	1.975761	.5046574	3.175955	.5286086	1.234353

#1	.0184196	.1512137	.1707448	.0609211	.1711847	.0394965
#2	.0180493	.1463199	.1690532	.0597027	.1717701	.0404837
#3	.0181062	.1460035	.1701469	.0572262	.1729681	.0399851

Elem	Sr4077
Units	ppm
Avg	.1867617
Stddev	.0009524
%RSD	.5099767

#1	.1877908
#2	.1859112
#3	.1865831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.839	1656.998	36791.41	7226.221	2844.180
Stddev	6.944	6.191	68.30	24.045	8.200
%RSD	.4211446	.3736289	.1856532	.3327532	.2883236

#1	1642.675	1657.380	36734.90	7253.978	2846.031
#2	1647.480	1662.989	36772.03	7212.932	2851.296
#3	1656.362	1650.624	36867.32	7211.753	2835.212

Sample Name: PB120847BS Acquired: 06/25/2019 10:42:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS847 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146931	.0472565	.0183280	.0564963	.1109901	.4045817
Stddev	.0011497	.0008558	.0005925	.0022875	.0014467	.0089050
%RSD	7.824742	1.811009	3.232498	4.048917	1.303426	2.201035

#1	.0156874	.0480557	.0187244	.0590896	.1101404	.3959624
#2	.0149577	.0463535	.0176470	.0556341	.1126605	.4137472
#3	.0134342	.0473603	.0186127	.0547652	.1101695	.4040354

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3885430	.0099951	.0095899	9.360386	.0208768	.0915526
Stddev	.0038623	.0000497	.0000644	.060567	.0004543	.0003730
%RSD	.9940435	.4975985	.6712844	.6470577	2.176312	.4074492

#1	.3843337	.0100231	.0096604	9.305659	.0209000	.0911405
#2	.3919238	.0100246	.0095752	9.425460	.0204113	.0916503
#3	.3893714	.0099377	.0095342	9.350039	.0213191	.0918671

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438971	.2054631	.0326322	9.091232	.0765141	.0186293
Stddev	.0015366	.0041087	.0002121	.048622	.0006155	.0003400
%RSD	3.500397	1.999736	.6500693	.5348235	.8043561	1.825168

#1	.0455911	.2029052	.0327346	9.040919	.0762335	.0187596
#2	.0425933	.2102025	.0323883	9.137966	.0760889	.0182433
#3	.0435068	.2032817	.0327738	9.094810	.0772198	.0188848

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.571580	.0939821	.1185160	9.273660	.0195512	.1723385
Stddev	.221420	.0017820	.0024331	.049830	.0016027	.0007818
%RSD	2.583182	1.896066	2.052932	.5373241	8.197228	.4536148

#1	8.800329	.0953593	.1191266	9.241019	.0196472	.1723019
#2	8.358302	.0946175	.1158358	9.331016	.0179027	.1715756
#3	8.556109	.0919695	.1205856	9.248944	.0211038	.1731379

Sample Name: PB120847BS Acquired: 06/25/2019 10:42:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS847 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180704	.1516764	.1767665	F .0591880	.1758943	.0379068
Stddev	.0003247	.0037769	.0002367	.0010757	.0004782	.0007254
%RSD	1.796729	2.490131	.1339241	1.817371	.2718692	1.913684
#1	.0178935	.1474267	.1766635	.0593729	.1757322	.0370700
#2	.0178725	.1546498	.1770373	.0601592	.1764325	.0382911
#3	.0184451	.1529529	.1765987	.0580319	.1755183	.0383591

Elem	Sr4077
Units	ppm
Avg	.1887220
Stddev	.0006340
%RSD	.3359535
#1	.1890869
#2	.1879899
#3	.1890892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1702.506	1693.456	37231.79	7312.700	2900.942
Stddev	8.816	2.923	89.12	12.742	8.610
%RSD	.5178338	.1725822	.2393617	.1742424	.2968172
#1	1701.917	1690.146	37327.22	7298.335	2891.538
#2	1711.602	1694.539	37150.72	7322.636	2902.850
#3	1693.999	1695.683	37217.43	7317.130	2908.439

Sample Name: PB120843BL Acquired: 06/25/2019 10:46:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW843 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028212	.0067704	.0003575	-.004939	-.002233	-.004271	-.000206
Stddev	.0039724	.0004497	.0009984	.002303	.000253	.000479	.000186
%RSD	140.8075	6.641537	279.2503	46.61911	11.32108	11.22032	90.32861

#1	-.000252	.0072896	-.000761	-.004080	-.002288	-.004401	-.000176
#2	.001409	.0065178	.001159	-.003190	-.002454	-.004671	-.000405
#3	.007307	.0065039	.000674	-.007548	-.001958	-.003740	-.000037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002073	-.000099	-.007124	-.000492	.0004533	-.000063	-.005154
Stddev	.0000295	.000051	.017579	.000166	.0002303	.000717	.005632
%RSD	14.22603	51.81762	246.7518	33.75181	50.80503	1143.935	109.2839

#1	.0002231	-.000132	-.007772	-.000552	.0007069	.000706	.000781
#2	.0001732	-.000124	-.024371	-.000304	.0002570	-.000181	-.010424
#3	.0002254	-.000040	.010770	-.000620	.0003962	-.000713	-.005817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	.0311343	.0013136	.0000921	-.304710	-.002333	-.000238
Stddev	.000123	.0310874	.0002500	.0005027	.367135	.000839	.001503
%RSD	117.2740	99.84923	19.02941	545.6367	120.4866	35.96873	630.9804

#1	.000030	.0262009	.0010932	-.000487	-.178378	-.003201	-.001777
#2	-.000133	.0028087	.0012624	.000421	-.718330	-.001526	-.000164
#3	-.000211	.0643935	.0015852	.000342	-.017422	-.002273	.001226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023799	-.001332	-.007053	.0000913	-.002831	-.003579	.0007415
Stddev	.065630	.002522	.000315	.0001648	.001208	.000683	.0003107
%RSD	275.7658	189.3412	4.468353	180.5056	42.65434	19.07661	41.90685

#1	-.095801	-.002657	-.006726	.0002604	-.002493	-.002791	.0008527
#2	-.008270	.001576	-.007355	-.000069	-.004171	-.003955	.0009813
#3	.032674	-.002915	-.007077	.000082	-.001829	-.003992	.0003904

Sample Name: PB120843BL Acquired: 06/25/2019 10:46:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW843 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000430	-.000604	.0000910
Stddev	.000264	.001363	.0000901
%RSD	61.30852	225.6586	98.95051

#1	-.000144	-.001476	.0001481
#2	-.000483	-.001302	-.000013
#3	-.000664	.000966	.000138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.995	1878.452	40949.92	7931.637	3182.760
Stddev	7.403	1.154	178.64	76.820	4.181
%RSD	.3935761	.0614167	.4362284	.9685202	.1313657

#1	1888.504	1879.763	41073.10	7973.210	3187.582
#2	1880.777	1877.593	40745.05	7978.710	3180.563
#3	1873.703	1877.999	41031.61	7842.990	3180.136

Sample Name: PB120843TB Acquired: 06/25/2019 10:54:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB843 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068428	.0063043	-.001393	-.005570	-.001867	.0007581	-.000298
Stddev	.0028633	.0010212	.000506	.003077	.001156	.0049975	.000342
%RSD	41.84456	16.19778	36.29846	55.23824	61.92776	659.2176	114.9928

#1	.0035660	.0070063	-.000998	-.009072	-.003039	.0018118	-.000444
#2	.0080993	.0051328	-.001218	-.003305	-.001834	-.004682	.000094
#3	.0088630	.0067737	-.001963	-.004332	-.000728	.005145	-.000542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002415	-.000071	-.006544	-.000160	.0006163	-.001549	-.000960
Stddev	.0000257	.000019	.008178	.000492	.0003042	.002103	.008425
%RSD	10.65774	26.23414	124.9655	307.3888	49.35888	135.7266	877.2745

#1	.0002198	-.000087	-.005067	-.000424	.0003100	.000600	-.009686
#2	.0002699	-.000051	.000795	.000408	.0006204	-.003602	-.000324
#3	.0002348	-.000076	-.015361	-.000464	.0009183	-.001645	.007128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005713	.0207812	.0018677	.0002642	-.094197	-.002547	.0005179
Stddev	.0004029	.0201602	.0001918	.0004548	.111075	.001436	.0010051
%RSD	70.51536	97.01177	10.27119	172.1746	117.9178	56.38428	194.0824

#1	.0001620	.0162937	.0016500	-.000146	-.089467	-.002040	.0011353
#2	.0009674	.0032429	.0019414	.000753	.014438	-.004168	-.000642
#3	.0005847	.0428069	.0020118	.000186	-.207560	-.001433	.001060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014269	-.001730	-.006368	.0001713	.0415735	-.009856	-.000382
Stddev	.005976	.002767	.001076	.0001406	.0008115	.000601	.000705
%RSD	41.87975	159.8782	16.89497	82.07627	1.952090	6.100252	184.4449

#1	-.015566	-.004736	-.005477	.0002224	.0406455	-.009757	.000206
#2	-.019490	.000710	-.007563	.0002791	.0419243	-.009310	-.001164
#3	-.007751	-.001166	-.006064	.0000123	.0421506	-.010500	-.000189

Sample Name: PB120843TB Acquired: 06/25/2019 10:54:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB843 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001267	.0004626	-.000009
Stddev	.002025	.0003427	.000041
%RSD	159.8965	74.07580	477.0500

#1	.000660	.0008562	-.000043
#2	-.003378	.0002305	-.000018
#3	-.001081	.0003012	.000036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.229	1870.839	40628.07	7981.470	3162.217
Stddev	8.435	4.014	78.39	86.942	2.608
%RSD	.4500365	.2145491	.1929478	1.089303	.0824791

#1	1868.959	1871.532	40575.27	7882.580	3161.338
#2	1869.771	1874.461	40590.79	8015.930	3165.151
#3	1883.957	1866.523	40718.14	8045.900	3160.162

Sample Name: PB120843BS Acquired: 06/25/2019 10:50:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS843 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195319	.0508578	.0157335	.0640448	.1059233	.3661435
Stddev	.0041810	.0010605	.0005947	.0015267	.0010506	.0023482
%RSD	21.40610	2.085242	3.779745	2.383766	.9918500	.6413270

#1	.0243591	.0517283	.0153595	.0658073	.1064692	.3664202
#2	.0170497	.0511685	.0154218	.0631361	.1065886	.3636693
#3	.0171870	.0496766	.0164193	.0631909	.1047122	.3683411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3567040	.0101748	.0091062	8.693774	.0185075	.0853320
Stddev	.0026004	.0001001	.0000247	.062805	.0004980	.0001926
%RSD	.7290141	.9834943	.2708502	.7224089	2.690805	.2256914

#1	.3537133	.0101591	.0090812	8.624071	.0179476	.0851766
#2	.3579671	.0102819	.0091067	8.745961	.0186736	.0852719
#3	.3584316	.0100836	.0091305	8.711290	.0189012	.0855474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408989	.1837130	.0294831	8.534918	.0720775	.0176859
Stddev	.0028446	.0072661	.0010808	.035544	.0001208	.0005632
%RSD	6.955209	3.955143	3.665836	.4164544	.1676466	3.184210

#1	.0394335	.1842662	.0285745	8.507257	.0721360	.0171032
#2	.0390858	.1906867	.0306783	8.522490	.0721579	.0177271
#3	.0441775	.1761861	.0291965	8.575007	.0719385	.0182272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.954048	.0893135	.1018262	8.396329	.0177466	.1654098
Stddev	.304356	.0002334	.0009028	.070937	.0006638	.0005364
%RSD	3.826428	.2613491	.8866188	.8448605	3.740419	.3242984

#1	7.602959	.0891558	.1013311	8.431198	.0175479	.1650346
#2	8.115993	.0895816	.1028682	8.443084	.0184870	.1660242
#3	8.143192	.0892030	.1012792	8.314706	.0172048	.1651706

Sample Name: PB120843BS Acquired: 06/25/2019 10:50:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS843 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161734	.1507900	.1759139	F .0545421	.1618280	.0312033
Stddev	.0001620	.0051218	.0009554	.0005864	.0002582	.0011938
%RSD	1.001912	3.396639	.5431236	1.075087	.1595489	3.825744
#1	.0160118	.1531520	.1764159	.0550009	.1619327	.0299883
#2	.0161725	.1449135	.1765136	.0538815	.1620174	.0312472
#3	.0163358	.1543046	.1748121	.0547440	.1615339	.0323746

Elem	Sr4077
Units	ppm
Avg	.1734982
Stddev	.0005110
%RSD	.2945111
#1	.1731455
#2	.1732650
#3	.1740842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.249	1864.038	40526.01	7871.920	3192.250
Stddev	4.544	1.841	288.08	27.307	3.463
%RSD	.2446398	.0987597	.7108432	.3468881	.1084831
#1	1858.972	1864.883	40812.04	7899.970	3191.478
#2	1860.679	1865.305	40530.06	7845.423	3196.034
#3	1852.096	1861.926	40235.93	7870.368	3189.238

Sample Name: K3403-01 Acquired: 06/25/2019 10:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182960	.0041869	.9308318	-.009128	.0139516	18.76423	.2424433
Stddev	.005535	.0012158	.0025948	.001240	.0013141	.14558	.0028807
%RSD	.4679361	29.03780	.2787617	13.58137	9.419259	.7758548	1.188178

#1	1.177857	.0028258	.9296203	-.010070	.0142415	18.59878	.2391536
#2	1.188845	.0051652	.9338108	-.009589	.0150966	18.87276	.2445145
#3	1.182177	.0045698	.9290644	-.007723	.0125167	18.82113	.2436617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031520	.0083003	6.348665	.0006713	.0103183	1.183657	47.59061
Stddev	.0000778	.0000560	.089571	.0001854	.0001254	.004751	.45961
%RSD	2.469808	.6744589	1.410867	27.62327	1.214843	.4013650	.9657535

#1	.0030692	.0083541	6.247588	.0004876	.0102162	1.179248	47.08497
#2	.0032237	.0083043	6.418191	.0006679	.0104582	1.188688	47.98302
#3	.0031630	.0082423	6.380217	.0008584	.0102805	1.183033	47.70384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.932558	2.884853	.0100354	.0183622	-.137908	.0693047	.8690999
Stddev	.054173	.049570	.0002325	.0002581	.003321	.0013379	.0166948
%RSD	1.098266	1.718288	2.316836	1.405825	2.408335	1.930496	1.920932

#1	4.871834	2.827715	.0102419	.0185152	-.140670	.0698513	.8826377
#2	4.975924	2.910490	.0097836	.0185073	-.134223	.0677800	.8504456
#3	4.949917	2.916356	.0100807	.0180642	-.138830	.0702828	.8742165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.869138	1.742156	-.000905	.0375001	1.361662	1.152352	.0138429
Stddev	.090329	.008249	.000916	.0002592	.005337	.018073	.0005655
%RSD	1.147888	.4734971	101.2217	.6910915	.3919159	1.568315	4.085473

#1	7.789760	1.733263	-.001862	.0372912	1.358823	1.136950	.0143588
#2	7.967425	1.749558	-.000819	.0377902	1.358345	1.172247	.0139318
#3	7.850230	1.743646	-.000035	.0374190	1.367818	1.147861	.0132382

Sample Name: K3403-01 Acquired: 06/25/2019 10:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0797746	.0077158	.0965143
Stddev	.0007877	.0010665	.0003376
%RSD	.9874054	13.82286	.3498060

#1	.0800540	.0065248	.0961668
#2	.0788853	.0080399	.0968411
#3	.0803845	.0085826	.0965349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.285	2533.449	55884.99	11089.23	2887.725
Stddev	26.792	5.450	534.78	109.57	4.176
%RSD	1.058022	.2151062	.9569334	.9881044	.1446271

#1	2520.139	2534.074	55475.04	11203.14	2883.579
#2	2562.999	2538.560	56489.90	10984.58	2891.931
#3	2513.717	2527.715	55690.02	11079.97	2887.665

Sample Name: K3403-02 Acquired: 06/25/2019 11:02:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9846797	.0097545	1.688152	-.013772	.0136714	35.15075	1.011015
Stddev	.0061578	.0017223	.002460	.001820	.0009928	.22368	.014842
%RSD	.6253614	17.65642	.1457390	13.21542	7.261650	.6363324	1.467993

#1	.9880262	.0077748	1.685370	-.015297	.0142515	34.93760	.995702
#2	.9775733	.0109084	1.690042	-.011757	.0142375	35.38364	1.025336
#3	.9884396	.0105803	1.689043	-.014261	.0125250	35.13101	1.012008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065186	.0103469	11.21139	.0102188	.0192892	1.496658	63.32580
Stddev	.0000679	.0001138	.15768	.0000924	.0003666	.004447	.73365
%RSD	1.041647	1.099606	1.406430	.9043557	1.900604	.2971436	1.158529

#1	.0064648	.0104261	11.03651	.0102791	.0188771	1.491578	62.49376
#2	.0064960	.0102165	11.34271	.0101124	.0195791	1.499845	63.87974
#3	.0065949	.0103981	11.25495	.0102649	.0194113	1.498552	63.60390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.09648	5.689969	.0194308	.0314357	-.206883	.1934599	1.243292
Stddev	.39115	.058994	.0001494	.0003971	.216662	.0024038	.017243
%RSD	1.443534	1.036808	.7690961	1.263108	104.7270	1.242521	1.386903

#1	26.66692	5.624585	.0193468	.0318891	-.314657	.1911249	1.261615
#2	27.43211	5.739214	.0196034	.0312683	-.348524	.1959270	1.240880
#3	27.19041	5.706108	.0193423	.0311498	.042532	.1933276	1.227383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.26781	3.286476	-.001920	.0322574	1.086034	2.069706	.0125583
Stddev	.08939	.007388	.001318	.0003460	.006775	.034922	.0005300
%RSD	.7286776	.2247941	68.65811	1.072784	.6238690	1.687280	4.220091

#1	12.17332	3.288721	-.002672	.0323223	1.083070	2.029417	.0128985
#2	12.35104	3.292481	-.000398	.0325664	1.093787	2.088388	.0128289
#3	12.27908	3.278226	-.002690	.0318835	1.081246	2.091312	.0119477

Sample Name: K3403-02 Acquired: 06/25/2019 11:02:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1681713	.0193726	.1570472
Stddev	.0018016	.0003474	.0005540
%RSD	1.071294	1.793357	.3527695

#1	.1661942	.0190129	.1564147
#2	.1697204	.0193985	.1572806
#3	.1685992	.0197063	.1574464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2340.022	2348.200	51756.54	10203.13	2876.248
Stddev	11.662	5.786	239.74	120.08	6.684
%RSD	.4983641	.2463859	.4631983	1.176848	.2323905

#1	2327.309	2343.537	51482.40	10341.77	2872.458
#2	2342.532	2346.388	51926.92	10132.13	2872.319
#3	2350.224	2354.675	51860.29	10135.50	2883.965

Sample Name: K3403-03 Acquired: 06/25/2019 11:06:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8542853	.0349902	2.074001	-.021408	.0464036	16.57750
Stddev	.0023643	.0020563	.004218	.002003	.0004301	.04643
%RSD	.2767538	5.876702	.2033778	9.354429	.9268275	.2800859

#1	.8529386	.0335558	2.071067	-.019958	.0468984	16.53498
#2	.8529022	.0340689	2.072101	-.020574	.0461931	16.57048
#3	.8570153	.0373460	2.078835	-.023693	.0461193	16.62704

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757000	.0077903	.0151431	8.206057	-.008960	.0438339
Stddev	.0003041	.0000616	.0001875	.011919	.000490	.0004951
%RSD	.4017325	.7914051	1.238046	.1452466	5.465420	1.129366

#1	.0756175	.0078391	.0151239	8.210758	-.009441	.0433066
#2	.0754457	.0077210	.0153394	8.192504	-.008462	.0442887
#3	.0760369	.0078109	.0149660	8.214908	-.008975	.0439064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282753	96.08721	F 52.77865	2.322393	.0211207	.3441256
Stddev	.002339	.27408	.79794	.023140	.0004025	.0026996
%RSD	.1823613	.2852443	1.511868	.9963784	1.905536	.7844738

#1	1.280717	96.31691	53.00033	2.306990	.0209014	.3447904
#2	1.282233	95.78381	51.89331	2.311186	.0215852	.3411557
#3	1.285308	96.16090	53.44232	2.349002	.0208756	.3464306

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.125640	.1920202	1.437429	8.714121	2.657047	-.009197
Stddev	.087394	.0022593	.003377	.051959	.010607	.000748
%RSD	69.55934	1.176583	.2349534	.5962574	.3991982	8.137939

#1	-.208033	.1926698	1.440411	8.712827	2.653444	-.009973
#2	-.134904	.1938835	1.433762	8.662821	2.668986	-.008480
#3	-.033983	.1895072	1.438114	8.766715	2.648711	-.009139

Sample Name: K3403-03 Acquired: 06/25/2019 11:06:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606392	1.412913	1.008695	.0061576	.0342635	.0047172
Stddev	.0002441	.006419	.006574	.0003615	.0004900	.0010789
%RSD	.4025741	.4542780	.6517163	5.871492	1.430085	22.87140

#1	.0607917	1.418690	1.002898	.0058533	.0341814	.0041349
#2	.0603577	1.414045	1.015837	.0060621	.0338198	.0059621
#3	.0607684	1.406004	1.007351	.0065572	.0347894	.0040546

Elem	Sr4077
Units	ppm
Avg	.5504865
Stddev	.0031654
%RSD	.5750114

#1	.5515200
#2	.5469336
#3	.5530060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.558	2906.771	63909.70	12593.96	2858.938
Stddev	28.998	9.619	396.88	65.78	4.926
%RSD	1.002494	.3309017	.6210006	.5223427	.1722914

#1	2874.501	2901.170	63690.93	12577.79	2855.123
#2	2926.006	2917.877	64367.83	12666.32	2864.499
#3	2877.167	2901.265	63670.35	12537.77	2857.193

Sample Name: K3403-04 Acquired: 06/25/2019 11:10:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ8D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8621046	.0349214	2.049567	-.020510	.0475926	16.53860
Stddev	.0034630	.0026477	.005009	.001575	.0005898	.06287
%RSD	.4016914	7.581997	.2443837	7.678318	1.239362	.3801579

#1	.8589606	.0319023	2.052346	-.018864	.0482305	16.52766
#2	.8615369	.0368483	2.043785	-.022002	.0474803	16.60622
#3	.8658164	.0360135	2.052571	-.020665	.0470670	16.48191

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747331	.0079759	.0152627	8.128823	-.008249	.0443468
Stddev	.0006264	.0001717	.0001584	.022513	.000191	.0003566
%RSD	.8381636	2.152624	1.037647	.2769470	2.309572	.8040511

#1	.0748631	.0080239	.0151465	8.122738	-.008422	.0440223
#2	.0752842	.0081186	.0154431	8.153753	-.008045	.0447285
#3	.0740519	.0077854	.0151984	8.109979	-.008281	.0442895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282719	95.49235	F 52.26713	2.335790	.0213809	.3453810
Stddev	.000639	.34755	.38611	.024579	.0003556	.0014533
%RSD	.0497972	.3639536	.7387289	1.052277	1.663137	.4207718

#1	1.282273	95.54349	52.66532	2.348039	.0217633	.3458184
#2	1.283451	95.81149	52.24172	2.351837	.0213191	.3465654
#3	1.282433	95.12206	51.89436	2.307493	.0210602	.3437593

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.264366	.1914967	1.408784	8.668179	2.679612	-.016220
Stddev	.161067	.0023228	.016791	.023363	.006398	.001951
%RSD	60.92562	1.212966	1.191887	.2695257	.2387668	12.02930

#1	-.080712	.1939777	1.397982	8.690439	2.677217	-.017436
#2	-.330783	.1893736	1.400241	8.670248	2.674757	-.017254
#3	-.381605	.1911389	1.428129	8.643850	2.686862	-.013970

Sample Name: K3403-04 Acquired: 06/25/2019 11:10:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612235	1.412197	1.024224	.0053524	.0338561	.0044088
Stddev	.0001226	.003186	.011541	.0009179	.0003413	.0007071
%RSD	.2003004	.2256011	1.126809	17.14948	1.008003	16.03809

#1	.0610912	1.415102	1.033568	.0063993	.0341211	.0046445
#2	.0613334	1.408790	1.027782	.0046855	.0339761	.0036139
#3	.0612457	1.412698	1.011324	.0049724	.0334710	.0049679

Elem	Sr4077
Units	ppm
Avg	.5481905
Stddev	.0013771
%RSD	.2512149

#1	.5493330
#2	.5466614
#3	.5485771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.441	2908.803	64145.99	12606.89	2868.470
Stddev	32.992	3.594	206.26	94.52	7.347
%RSD	1.123932	.1235641	.3215478	.7497532	.2561372

#1	2931.558	2905.354	64058.58	12499.64	2861.391
#2	2970.204	2912.526	64381.56	12642.97	2876.059
#3	2904.563	2908.529	63997.83	12678.05	2867.962

Sample Name: K3403-05 Acquired: 06/25/2019 11:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9478304	.1451313	1.818746	.0309393	.0714748	21.47455
Stddev	.0040442	.0009560	.001432	.0005433	.0013856	.01757
%RSD	.4266800	.6586783	.0787478	1.755953	1.938524	.0818289

#1	.9510999	.1443345	1.817319	.0315573	.0699162	21.49009
#2	.9433081	.1448682	1.818736	.0305370	.0719414	21.47808
#3	.9490833	.1461912	1.820184	.0307237	.0725668	21.45548

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.764346	.0693937	.1222460	8.552004	.2396344	1.133885
Stddev	.018417	.0009916	.0001321	.051530	.0008394	.002305
%RSD	.6662208	1.428891	.1080998	.6025445	.3502724	.2032473

#1	2.784915	.0701365	.1221102	8.609707	.2405721	1.131974
#2	2.758736	.0697769	.1223742	8.535723	.2389532	1.133237
#3	2.749387	.0682677	.1222534	8.510580	.2393780	1.136444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.577593	103.3249	F 54.55167	2.655569	1.118290	.4368285
Stddev	.004337	.4607	.23947	.004061	.000640	.0002979
%RSD	.2748979	.4458966	.4389733	.1529235	.0572141	.0681970

#1	1.582396	103.8568	54.28104	2.656391	1.117627	.4369980
#2	1.576418	103.0697	54.63787	2.651159	1.118338	.4370029
#3	1.573965	103.0483	54.73611	2.659155	1.118904	.4364845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.315415	.8258082	2.162063	9.613451	2.848674	-.009852
Stddev	.139413	.0026842	.027206	.028441	.010548	.001127
%RSD	44.19990	.3250377	1.258348	.2958428	.3702761	11.43492

#1	-.236318	.8262558	2.138885	9.636045	2.836617	-.010354
#2	-.233540	.8229284	2.155286	9.581514	2.856198	-.010640
#3	-.476388	.8282405	2.192017	9.622794	2.853207	-.008561

Sample Name: K3403-05 Acquired: 06/25/2019 11:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676400	1.345874	1.228997	.0058214	.0425641	.0042365
Stddev	.0001063	.006527	.019605	.0008415	.0003712	.0011131
%RSD	.1571293	.4849406	1.595211	14.45572	.8720030	26.27520

#1	.0675755	1.338642	1.247413	.0067030	.0426842	.0053736
#2	.0677626	1.351328	1.231190	.0050268	.0421478	.0031490
#3	.0675817	1.347651	1.208387	.0057342	.0428604	.0041868

Elem	Sr4077
Units	ppm
Avg	.5602983
Stddev	.0020554
%RSD	.3668453

#1	.5592464
#2	.5626668
#3	.5589817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.530	2938.326	64649.46	12787.79	2813.447
Stddev	19.317	5.093	282.66	87.96	2.235
%RSD	.6641603	.1733384	.4372225	.6878365	.0794389

#1	2930.700	2932.557	64882.60	12720.04	2811.926
#2	2899.576	2940.220	64730.71	12756.14	2812.402
#3	2895.314	2942.201	64335.07	12887.20	2816.013

Sample Name: K3404-03 Acquired: 06/25/2019 11:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.465834	.0123684	1.335708	-.028866	.0104586	24.42789
Stddev	.006280	.0024434	.007700	.000803	.0015065	.11732
%RSD	.4283984	19.75534	.5764469	2.781421	14.40449	.4802736

#1	1.462315	.0139626	1.329139	-.029250	.0087807	24.54123
#2	1.462102	.0095553	1.333804	-.029404	.0116951	24.30695
#3	1.473084	.0135873	1.344181	-.027943	.0109001	24.43549

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.025663	.0074527	.0133062	264.5731	-.014271	.1023619
Stddev	.008965	.0000074	.0001923	2.3437	.000394	.0002649
%RSD	.8740353	.1000284	1.445289	.8858399	2.764281	.2588195

#1	1.034412	.0074613	.0130915	266.9332	-.014573	.1020563
#2	1.016497	.0074490	.0134627	262.2461	-.014416	.1025020
#3	1.026079	.0074478	.0133643	264.5401	-.013825	.1025274

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531754	171.6276	F 31.00196	11.99106	.0674042	.0449356
Stddev	.0029507	1.2358	.27973	.11697	.0005902	.0006599
%RSD	1.165485	.7200654	.9023011	.9754695	.8756084	1.468458

#1	.2547441	172.7612	31.27420	12.12245	.0667319	.0456837
#2	.2497716	170.3101	30.71530	11.89828	.0676440	.0446869
#3	.2550103	171.8114	31.01639	11.95246	.0678368	.0444363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.695716	.1040000	2.473455	9.854563	5.901016	-.015995
Stddev	.290615	.0009253	.011890	.084333	.005276	.001345
%RSD	41.77200	.8897190	.4807114	.8557780	.0894019	8.408299

#1	-.817032	.1043258	2.475091	9.944279	5.895526	-.016671
#2	-.906018	.1029559	2.484443	9.776913	5.901477	-.016868
#3	-.364100	.1047183	2.460832	9.842497	5.906047	-.014446

Sample Name: K3404-03 Acquired: 06/25/2019 11:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765551	1.357330	2.249931	.0025614	.0371670	.0308269
Stddev	.0004239	.002354	.012341	.0005932	.0015353	.0009745
%RSD	.5536914	.1734314	.5485192	23.16048	4.130702	3.161135

#1	.0762216	1.359932	2.256543	.0032353	.0354479	.0318802
#2	.0770321	1.355349	2.235692	.0023307	.0384014	.0306430
#3	.0764116	1.356708	2.257557	.0021182	.0376517	.0299574

Elem	Sr4077
Units	ppm
Avg	.4996233
Stddev	.0012550
%RSD	.2511882

#1	.5010284
#2	.4986137
#3	.4992279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.290	2057.488	45677.53	9079.340	2722.554
Stddev	14.755	3.249	263.85	71.838	3.869
%RSD	.7196719	.1579077	.5776306	.7912289	.1421146

#1	2043.123	2061.050	45376.87	9006.083	2726.984
#2	2040.487	2056.724	45785.20	9149.670	2720.840
#3	2067.260	2054.688	45870.51	9082.266	2719.838

Sample Name: K3404-04 Acquired: 06/25/2019 11:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.468323	.0104552	1.332050	-.028967	.0105972	24.47446
Stddev	.003925	.0030227	.003164	.000495	.0008662	.04354
%RSD	.2673088	28.91097	.2374934	1.707741	8.173768	.1779098

#1	1.463861	.0092302	1.332987	-.028727	.0103189	24.47078
#2	1.471241	.0082372	1.334639	-.028638	.0099044	24.51973
#3	1.469866	.0138981	1.328524	-.029536	.0115684	24.43288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019885	.0072995	.0135623	262.1101	-.013884	.1028504
Stddev	.001643	.0000653	.0002323	.4005	.000404	.0003638
%RSD	.1610738	.8951844	1.712966	.1527930	2.912355	.3537518

#1	1.019484	.0073266	.0138250	262.0835	-.014346	.1032705
#2	1.021691	.0073470	.0133839	262.5232	-.013594	.1026412
#3	1.018480	.0072250	.0134780	261.7236	-.013712	.1026395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2525952	170.3274	F 30.84329	11.91824	.0678550	.0443142
Stddev	.0021058	.0984	.03691	.06749	.0009634	.0003771
%RSD	.8336679	.0577950	.1196801	.5663106	1.419794	.8508900

#1	.2502637	170.4350	30.80860	11.95963	.0689605	.0445240
#2	.2543587	170.2419	30.88209	11.84035	.0674094	.0438789
#3	.2531634	170.3053	30.83918	11.95473	.0671951	.0445397

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.745436	.1054782	2.482956	9.923778	5.907570	-.011351
Stddev	.105493	.0015614	.019470	.065543	.022079	.002187
%RSD	14.15179	1.480267	.7841454	.6604631	.3737345	19.26342

#1	-.679470	.1041635	2.460711	9.860078	5.918079	-.011142
#2	-.689734	.1072040	2.496897	9.920234	5.882200	-.013634
#3	-.867104	.1050672	2.491260	9.991020	5.922430	-.009276

Sample Name: K3404-04 Acquired: 06/25/2019 11:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768076	1.354361	2.258787	.0019625	.0363232	.0272890
Stddev	.0006850	.006461	.008305	.0012975	.0007922	.0013736
%RSD	.8918645	.4770509	.3676859	66.11541	2.181080	5.033518
#1	.0775142	1.347224	2.268076	.0032459	.0369082	.0257671
#2	.0761464	1.356050	2.252078	.0006513	.0366398	.0276630
#3	.0767622	1.359811	2.256207	.0019901	.0354216	.0284368

Elem	Sr4077
Units	ppm
Avg	.5013252
Stddev	.0007410
%RSD	.1478070
#1	.5004758
#2	.5016605
#3	.5018393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.399	2051.701	45693.38	9126.675	2706.000
Stddev	14.443	3.144	23.67	15.666	5.676
%RSD	.7023384	.1532197	.0518032	.1716537	.2097680
#1	2073.031	2048.073	45698.66	9142.636	2699.820
#2	2049.137	2053.420	45713.97	9126.069	2710.981
#3	2047.028	2053.610	45667.51	9111.321	2707.199

Sample Name: K3404-05 Acquired: 06/25/2019 11:30:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.523585	.1205983	1.332671	.0432215	.0532859	32.56947
Stddev	.006785	.0017801	.003039	.0023567	.0016032	.07133
%RSD	.4453517	1.476078	.2280101	5.452733	3.008701	.2190011

#1	1.531108	.1219700	1.331484	.0410229	.0518713	32.54066
#2	1.517928	.1185866	1.330404	.0429319	.0550273	32.65070
#3	1.521718	.1212382	1.336123	.0457097	.0529591	32.51705

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.590573	.0898334	.1118422	260.4467	.3155633	1.122793
Stddev	.032112	.0006104	.0002688	1.7495	.0006236	.003340
%RSD	.6995299	.6794774	.2403365	.6717295	.1976161	.2974904

#1	4.612705	.0905277	.1119829	261.7425	.3154736	1.119290
#2	4.605272	.0895912	.1115323	261.1410	.3149894	1.123145
#3	4.553742	.0893813	.1120115	258.4566	.3162269	1.125942

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5899601	172.6047	F 31.12014	12.51163	1.098561	.1265057
Stddev	.0027685	.7501	.19167	.06310	.000956	.0007797
%RSD	.4692743	.4345947	.6158879	.5043010	.0870124	.6163404

#1	.5927810	172.8572	31.23816	12.53142	1.097476	.1264750
#2	.5898521	173.1960	31.22326	12.56246	1.098929	.1257417
#3	.5872471	171.7609	30.89899	12.44101	1.099278	.1273002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.562235	.9293674	3.260082	10.97214	5.865389	-.007120
Stddev	.121578	.0036516	.015727	.06229	.017201	.003672
%RSD	21.62405	.3929079	.4824186	.5677122	.2932581	51.57309

#1	-.605621	.9308437	3.245556	11.00209	5.855014	-.008681
#2	-.424916	.9320496	3.257905	10.90054	5.855909	-.002925
#3	-.656169	.9252088	3.276784	11.01381	5.885244	-.009753

Sample Name: K3404-05 Acquired: 06/25/2019 11:30:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CC0S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809638	1.305927	2.747718	.0022786	.0336482	.0320764
Stddev	.0000691	.009509	.014600	.0004392	.0009753	.0001828
%RSD	.0853557	.7281100	.5313505	19.27481	2.898653	.5699474
#1	.0808858	1.300611	2.764570	.0018994	.0342306	.0322637
#2	.0810175	1.316905	2.738867	.0027599	.0341918	.0320671
#3	.0809881	1.300266	2.739717	.0021766	.0325222	.0318984

Elem	Sr4077
Units	ppm
Avg	.4960588
Stddev	.0009126
%RSD	.1839623
#1	.4954614
#2	.4956058
#3	.4971092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.617	2001.213	44962.81	8928.984	2670.911
Stddev	6.254	2.083	279.88	43.044	1.692
%RSD	.3113372	.1041036	.6224782	.4820714	.0633330
#1	2008.275	1999.083	44967.32	8879.826	2670.898
#2	2015.035	2003.246	45240.41	8959.924	2672.609
#3	2002.542	2001.311	44680.70	8947.200	2669.226

Sample Name: K3405-18 Acquired: 06/25/2019 11:39:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671053	.0032478	.1137447	-.004012	.0008516	4.350383	.5699975
Stddev	.0014112	.0007762	.0012395	.005566	.0005719	.008357	.0048754
%RSD	2.102933	23.89806	1.089680	138.7510	67.16133	.1920889	.8553410

#1	.0674284	.0023653	.1139588	-.009194	.0002346	4.340767	.5677734
#2	.0655606	.0035538	.1124121	-.004713	.0009562	4.355880	.5755884
#3	.0683269	.0038243	.1148631	.001872	.0013640	4.354502	.5666308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010022	.0017714	1.227454	.0002407	.0012417	.1496140	2.577699
Stddev	.0000426	.0000661	.007450	.0001474	.0001372	.0014091	.030846
%RSD	4.250850	3.732952	.6069298	61.22038	11.04748	.9418290	1.196648

#1	.0009572	.0017183	1.220532	.0000788	.0011534	.1501633	2.542330
#2	.0010076	.0017505	1.235338	.0002763	.0011720	.1506658	2.599022
#3	.0010419	.0018455	1.226492	.0003670	.0013997	.1480130	2.591746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.676779	.6008500	.0021835	.0090669	1.991282	.0075253	.3863771
Stddev	.015966	.0146816	.0004207	.0003242	.054224	.0004412	.0040810
%RSD	.9521614	2.443474	19.26818	3.575315	2.723060	5.862363	1.056227

#1	1.660190	.5882692	.0026688	.0090818	1.929821	.0075801	.3866762
#2	1.692038	.6169813	.0019619	.0087356	2.032363	.0079364	.3821548
#3	1.678109	.5972995	.0019200	.0093834	2.011661	.0070592	.3903003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385315	.3352891	.1507479	.0003120	.7151037	5.763560	.0003783
Stddev	.110131	.0043920	.0023716	.0001281	.0024365	.043142	.0004912
%RSD	7.949857	1.309903	1.573220	41.05856	.3407156	.7485291	129.8447

#1	1.442434	.3326436	.1485222	.0004173	.7127167	5.722194	.0009367
#2	1.455151	.3403589	.1532425	.0003493	.7175868	5.808282	.0000124
#3	1.258359	.3328649	.1504790	.0001694	.7150076	5.760205	.0001859

Sample Name: K3405-18 Acquired: 06/25/2019 11:39:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0338736	-.000097	.0278601
Stddev	.0005429	.001139	.0000928
%RSD	1.602670	1177.999	.3330046

#1	.0341464	.001173	.0277920
#2	.0342260	-.000433	.0278225
#3	.0332484	-.001030	.0279658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.210	1915.825	41849.61	8104.047	3161.199
Stddev	12.812	4.303	131.47	77.793	3.756
%RSD	.6658396	.2245850	.3141409	.9599318	.1188243

#1	1914.416	1918.085	41815.53	8134.741	3162.985
#2	1919.504	1918.527	41738.54	8015.589	3163.728
#3	1938.709	1910.863	41994.76	8161.811	3156.882

Sample Name: K3405-19 Acquired: 06/25/2019 11:43:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV5D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635796	.0030560	.1137191	-.002388	.0011107	4.355879	.5724129
Stddev	.0009208	.0020032	.0019394	.000948	.0018138	.007075	.0024985
%RSD	1.448289	65.55240	1.705395	39.68724	163.2958	.1624160	.4364828

#1	.0627449	.0021994	.1157372	-.002367	.0030053	4.350060	.5723836
#2	.0645674	.0053451	.1118695	-.001452	.0009365	4.363754	.5749259
#3	.0634264	.0016234	.1135505	-.003347	-.000610	4.353823	.5699292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009838	.0017145	1.227346	.0004505	.0010342	.1498785	2.559830
Stddev	.0000256	.0000759	.011441	.0000638	.0001651	.0015953	.003799
%RSD	2.597860	4.426674	.9322075	14.17234	15.96162	1.064404	.1484246

#1	.0009665	.0017986	1.215422	.0004721	.0008449	.1484054	2.559702
#2	.0010132	.0016936	1.238235	.0003786	.0011091	.1496571	2.563691
#3	.0009718	.0016512	1.228380	.0005007	.0011485	.1515729	2.556096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.666761	.5749022	.0023864	.0086577	1.623958	.0083634	.3887694
Stddev	.009293	.0224790	.0003426	.0005491	.052516	.0027494	.0032755
%RSD	.5575520	3.910061	14.35436	6.341955	3.233817	32.87393	.8425271

#1	1.671130	.5775346	.0024774	.0081037	1.623974	.0113329	.3899397
#2	1.673064	.5959491	.0020076	.0092017	1.571435	.0078509	.3850695
#3	1.656088	.5512229	.0026743	.0086677	1.676467	.0059063	.3912989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.305159	.3309135	.1525286	.0002800	.7049248	5.739244	-.000016
Stddev	.034692	.0041447	.0026231	.0003221	.0040549	.060753	.000062
%RSD	2.658048	1.252515	1.719725	115.0693	.5752230	1.058546	378.9848

#1	1.265538	.3284911	.1554848	.0001373	.7008030	5.792198	.000051
#2	1.330082	.3285502	.1516217	.0000538	.7050622	5.752615	-.000072
#3	1.319856	.3356993	.1504794	.0006488	.7089092	5.672920	-.000029

Sample Name: K3405-19 Acquired: 06/25/2019 11:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0333746	-.001883	.0277368
Stddev	.0006628	.001011	.0001405
%RSD	1.986029	53.68409	.5066508

#1	.0333799	-.000782	.0276264
#2	.0327092	-.002097	.0276890
#3	.0340348	-.002769	.0278950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.754	1910.855	41697.56	8075.136	3161.250
Stddev	9.428	2.281	140.08	45.945	3.764
%RSD	.4918916	.1193877	.3359376	.5689727	.1190779

#1	1925.979	1912.231	41820.60	8051.499	3162.618
#2	1917.148	1912.112	41726.96	8045.821	3164.138
#3	1907.134	1908.221	41545.11	8128.087	3156.992

Sample Name: K3405-20 Acquired: 06/25/2019 11:47:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022047	.0543783	.1289266	.0229590	.0584573	6.286512	2.610686
Stddev	.0033493	.0014472	.0019630	.0039657	.0010741	.015979	.020715
%RSD	3.277055	2.661407	1.522598	17.27290	1.837433	.2541746	.7934844

#1	.0985597	.0551011	.1281734	.0193949	.0572240	6.269429	2.587723
#2	.1051467	.0527120	.1311547	.0272309	.0589604	6.301090	2.627969
#3	.1029077	.0553217	.1274517	.0222512	.0591875	6.289017	2.616365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512713	.0508617	1.242696	.1963486	.4924304	.3623463	3.628971
Stddev	.0000133	.0002260	.019296	.0002509	.0010588	.0033701	.007332
%RSD	.0259995	.4444115	1.552773	.1277960	.2150190	.9300658	.2020393

#1	.0512728	.0508381	1.220415	.1966077	.4913022	.3608730	3.620638
#2	.0512573	.0510987	1.253817	.1963313	.4925867	.3662021	3.634432
#3	.0512838	.0506485	1.253857	.1961067	.4934024	.3599638	3.631844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.157322	.5915816	.5089741	.0553495	1.743470	.4854973	.8526530
Stddev	.014067	.0168253	.0016553	.0004689	.069159	.0013815	.0037343
%RSD	.6520698	2.844122	.3252313	.8471564	3.966754	.2845500	.4379565

#1	2.143671	.5730864	.5073207	.0558831	1.740515	.4840771	.8569332
#2	2.171771	.5956778	.5089702	.0551622	1.675836	.4868365	.8509655
#3	2.156524	.6059806	.5106313	.0550032	1.814059	.4855783	.8500604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.209042	.3391849	.1515242	.0004443	.6994578	5.860483	.0006061
Stddev	.012275	.0027317	.0002848	.0002516	.0085751	.012116	.0009222
%RSD	1.015295	.8053828	.1879603	56.62014	1.225967	.2067477	152.1541

#1	1.195270	.3367252	.1517298	.0005991	.7006123	5.867579	.0002908
#2	1.218831	.3421250	.1516437	.0001540	.7073972	5.846493	.0016446
#3	1.213025	.3387047	.1511991	.0005797	.6903639	5.867377	-.000117

Sample Name: K3405-20 Acquired: 06/25/2019 11:47:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0348719	-.001507	.0278623
Stddev	.0005698	.000516	.0000699
%RSD	1.633950	34.21178	.2510020

#1	.0346477	-.001075	.0277829
#2	.0355198	-.002078	.0279148
#3	.0344484	-.001368	.0278893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.733	1901.737	41772.75	8098.369	3142.451
Stddev	10.000	.907	56.33	22.309	2.638
%RSD	.5211678	.0476838	.1348528	.2754793	.0839501

#1	1919.942	1902.570	41719.05	8123.688	3145.317
#2	1928.073	1900.771	41767.81	8089.823	3141.911
#3	1908.184	1901.869	41831.39	8081.596	3140.125

Sample Name: K3405-18LX5 Acquired: 06/25/2019 11:51:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146938	.0001550	.0221865	.0003395	.0012938	.9582960	.1259905
Stddev	.0029524	.0015002	.0024803	.0013646	.0009798	.0093298	.0007652
%RSD	20.09268	968.1294	11.17918	401.9164	75.73418	.9735822	.6073099

#1	.0170551	.0010906	.0250389	.0018345	.0018605	.9564684	.1256839
#2	.0156426	.0009496	.0205375	.0000235	.0001624	.9500153	.1254262
#3	.0113836	-.001575	.0209832	-.000839	.0018585	.9684044	.1268614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002600	.0003860	.2901859	.0000568	.0007024	.0337589	.5573242
Stddev	.0000347	.0000310	.0153188	.0003793	.0001950	.0021087	.0051027
%RSD	13.34367	8.041398	5.278971	667.6812	27.75609	6.246278	.9155620

#1	.0002959	.0003683	.2953768	-.000266	.0007496	.0315635	.5631026
#2	.0002573	.0003679	.2729460	.000475	.0004881	.0357686	.5554324
#3	.0002267	.0004219	.3022348	-.000039	.0008694	.0339447	.5534377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3659863	.1506381	.0013242	.0025421	.2319077	-.001814	.0845434
Stddev	.0016087	.0063128	.0004079	.0003153	.0796220	.001824	.0013720
%RSD	.4395476	4.190685	30.80435	12.40287	34.33347	100.5502	1.622823

#1	.3656034	.1558057	.0011795	.0027771	.1495613	-.003326	.0836191
#2	.3646037	.1525066	.0010084	.0021838	.3084922	-.002328	.0861198
#3	.3677519	.1436020	.0017848	.0026654	.2376695	.000212	.0838912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6562635	.0719234	.0279463	.0003611	.1488267	1.238509	.0009424
Stddev	.0501889	.0015447	.0007937	.0001607	.0069450	.007905	.0005020
%RSD	7.647680	2.147722	2.840160	44.51253	4.666510	.6382846	53.27607

#1	.7058231	.0716722	.0285847	.0005369	.1438505	1.235638	.0003717
#2	.6054680	.0735784	.0270576	.0003249	.1458686	1.232441	.0013159
#3	.6574995	.0705198	.0281966	.0002216	.1567610	1.247449	.0011395

Sample Name: K3405-18LX5 Acquired: 06/25/2019 11:51:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066184	.0058774	.0060955
Stddev	.0002243	.0035507	.0000308
%RSD	3.388819	60.41322	.5056620

#1	.0064944	.0069917	.0060847
#2	.0068773	.0019032	.0061303
#3	.0064835	.0087374	.0060716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.073	1711.497	37393.90	7293.997	2907.961
Stddev	14.292	.345	202.76	33.301	8.742
%RSD	.8416827	.0201828	.5422153	.4565516	.3006208

#1	1686.951	1711.887	37197.05	7265.900	2897.870
#2	1693.073	1711.229	37382.58	7330.780	2913.235
#3	1714.193	1711.375	37602.08	7285.310	2912.778

Sample Name: CCV010 Acquired: 06/25/2019 11:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988769	5.042026	24.70481	4.600000	5.055464	424.9661	10.80417
Stddev	.002736	.010929	.07258	.013574	.008362	2.7507	.15407
%RSD	.0548528	.2167550	.2937875	.2950839	.1654050	.6472782	1.426041

#1	4.986116	5.029959	24.67743	4.603800	5.050447	426.2885	10.87291
#2	4.988609	5.051259	24.64990	4.611268	5.065117	421.8039	10.62769
#3	4.991582	5.044858	24.78709	4.584931	5.050827	426.8059	10.91190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120017	2.405483	418.7781	15.21861	2.541130	15.75813	421.8070
Stddev	.0061618	.003531	5.4816	.03530	.004536	.07363	2.9720
%RSD	1.203472	.1467851	1.308947	.2319638	.1785109	.4672815	.7045980

#1	.5131250	2.402523	421.4301	15.17797	2.539012	15.78307	423.2120
#2	.5053556	2.404534	412.4748	15.24169	2.538040	15.67526	418.3929
#3	.5175246	2.409391	422.4293	15.23617	2.546337	15.81606	423.8159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73450	414.9043	2.533408	1.299696	408.3355	2.577664	15.12542
Stddev	.18392	3.4755	.004474	.009327	3.6751	.018089	.13862
%RSD	1.168907	.8376660	.1766020	.7176606	.9000178	.7017474	.9164856

#1	15.81171	416.4535	2.530658	1.306871	409.7222	2.583920	15.19510
#2	15.52456	410.9236	2.530996	1.303066	404.1688	2.557277	15.21538
#3	15.86723	417.3358	2.538571	1.289152	411.1155	2.591794	14.96578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.9850	5.165762	5.047968	4.894219	4.782345	5.046656	4.995562
Stddev	.8505	.011088	.058234	.011189	.009326	.057124	.011464
%RSD	.5349247	.2146489	1.153622	.2286082	.1950169	1.131913	.2294800

#1	159.5601	5.175150	5.065805	4.893313	4.772540	5.073370	4.989327
#2	158.0081	5.153528	4.982901	4.905833	4.791105	4.981070	4.988568
#3	159.3868	5.168607	5.095198	4.883511	4.783390	5.085528	5.008792

Sample Name: CCV010 Acquired: 06/25/2019 11:55:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.129892	5.331714	4.897223
Stddev	.037043	.080878	.054635
%RSD	.7220976	1.516930	1.115642

#1	5.142908	5.368130	4.919276
#2	5.088098	5.239029	4.835008
#3	5.158670	5.387982	4.937385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.218	1393.754	33329.52	6785.680	2319.084
Stddev	14.104	2.808	226.00	82.244	2.809
%RSD	.9841002	.2014653	.6780642	1.212027	.1211429

#1	1418.286	1393.776	33104.48	6720.894	2320.638
#2	1435.053	1390.935	33327.63	6878.208	2320.774
#3	1446.314	1396.551	33556.46	6757.938	2315.841

Sample Name: K3405-01 Acquired: 06/25/2019 12:03:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064838	.0060917	.0025800	-.005192	-.000542	.1505056	.2536086
Stddev	.0012271	.0005984	.0004064	.001797	.001210	.0069678	.0024013
%RSD	18.92597	9.822617	15.75204	34.60341	223.3579	4.629588	.9468334

#1	.0074706	.0061215	.0030043	-.003118	-.000618	.1432216	.2541394
#2	.0068711	.0054790	.0025417	-.006190	.000705	.1511884	.2509864
#3	.0051098	.0066746	.0021942	-.006269	-.001711	.1571069	.2557001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008843	.0010699	2.993615	-.000337	.0051003	.1189621	.0382325
Stddev	.0000207	.0000713	.009747	.000378	.0003135	.0044164	.0038008
%RSD	2.343050	6.662424	.3255981	112.1071	6.147473	3.712463	9.941361

#1	.0008631	.0010980	2.982360	-.000388	.0047400	.1233623	.0339046
#2	.0008854	.0011230	2.999231	.000064	.0053115	.1145297	.0410277
#3	.0009045	.0009889	2.999255	-.000688	.0052493	.1189945	.0397651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.469335	.6624965	.0042849	.0006352	2.338750	.0014254	.4901569
Stddev	.016107	.0278303	.0001133	.0002016	.250318	.0017480	.0067317
%RSD	.6522710	4.200826	2.643130	31.74046	10.70306	122.6325	1.373383

#1	2.470256	.6352634	.0041752	.0005593	2.071033	-.000585	.4972366
#2	2.452788	.6613384	.0042781	.0004826	2.378242	.002589	.4893963
#3	2.484962	.6908878	.0044014	.0008638	2.566974	.002272	.4838378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009802	.0166684	.1822514	.0000973	8.678571	1.117723	-.000013
Stddev	.032667	.0022455	.0018553	.0001315	.012070	.012207	.000492
%RSD	3.234972	13.47143	1.017994	135.1281	.1390748	1.092116	3730.930

#1	.972113	.0172633	.1801557	.0002021	8.664743	1.106340	.000547
#2	1.029979	.0141854	.1829140	-.000050	8.683981	1.116214	-.000214
#3	1.027314	.0185565	.1836844	.000140	8.686989	1.130614	-.000372

Sample Name: K3405-01 Acquired: 06/25/2019 12:03:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000176	.0012720	.0091502
Stddev	.001071	.0026806	.0000976
%RSD	607.5766	210.7452	1.066460

#1	-.000309	-.000794	.0092624
#2	.000954	.004301	.0090852
#3	-.001174	.000309	.0091030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.649	1876.108	40948.49	7847.839	3209.202
Stddev	12.890	2.357	112.27	40.410	4.117
%RSD	.6817938	.1256345	.2741786	.5149250	.1282929

#1	1879.647	1878.800	40891.84	7869.674	3212.632
#2	1904.832	1874.413	40875.82	7872.634	3210.339
#3	1887.468	1875.112	41077.80	7801.208	3204.636

Sample Name: CCB010 Acquired: 06/25/2019 11:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000157	.0029789	.0027992	-.002061	.0008482	.0250614	.0001858
Stddev	.004025	.0010723	.0010609	.001676	.0011041	.0024048	.0002912
%RSD	2568.672	35.99733	37.89997	81.33529	130.1755	9.595789	156.7624

#1	.000951	.0035519	.0035293	-.000838	.0017186	.0277062	.0004971
#2	.003199	.0017418	.0032860	-.001373	-.000394	.0230062	-.000080
#3	-.004620	.0036431	.0015823	-.003972	.001220	.0244718	.000140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001192	.0000372	.0254397	.0003713	.0005318	.0037143	.0118942
Stddev	.0000588	.0000840	.0100214	.0003294	.0000551	.0021515	.0033063
%RSD	49.35909	225.9624	39.39264	88.70932	10.35913	57.92457	27.79804

#1	.0001382	-.000028	.0366639	.0006566	.0005910	.0059794	.0095849
#2	.0000532	.000132	.0173902	.0004466	.0005224	.0034654	.0156817
#3	.0001662	.000008	.0222650	.0000108	.0004820	.0016981	.0104158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011730	.0213430	.0006967	.0001666	-.275250	-.004484	.0007965
Stddev	.0005505	.0227305	.0001850	.0003831	.058583	.002576	.0003484
%RSD	46.93350	106.5011	26.54980	230.0170	21.28353	57.44142	43.74496

#1	.0015344	.0098753	.0007573	.0000142	-.213207	-.006509	.0011039
#2	.0014452	.0066307	.0004890	.0006024	-.329616	-.001585	.0008674
#3	.0005394	.0475230	.0008438	-.000117	-.282927	-.005358	.0004180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6908779	-.000178	.0035106	.0002528	-.000382	-.002778	.0027015
Stddev	.0198901	.001472	.0002794	.0000454	.004361	.000184	.0006353
%RSD	2.878955	825.7737	7.959161	17.94052	1140.834	6.616470	23.51569

#1	.6731485	-.001652	.0038183	.0002140	.001486	-.002571	.0034051
#2	.6870987	.001292	.0034408	.0002418	.002733	-.002923	.0021699
#3	.7123864	-.000175	.0032727	.0003027	-.005366	-.002839	.0025295

Sample Name: CCB010 Acquired: 06/25/2019 11:59:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000456	.0136658	.0002633
Stddev	.000826	.0022825	.0000960
%RSD	181.2068	16.70253	36.47038

#1	.000471	.0120567	.0003663
#2	-.000723	.0126626	.0001763
#3	-.001116	.0162782	.0002474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.687	1655.672	36353.51	6994.207	2842.483
Stddev	8.066	6.428	250.67	48.074	4.822
%RSD	.4862651	.3882311	.6895334	.6873355	.1696248

#1	1651.734	1648.251	36064.33	7049.500	2836.922
#2	1667.530	1659.239	36487.40	6970.810	2845.487
#3	1656.798	1659.525	36508.82	6962.310	2845.041

Sample Name: K3405-03 Acquired: 06/25/2019 12:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CD3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020863	.0069394	-.000392	-.005684	-.001364	.3595397	.2311866
Stddev	.0020678	.0023099	.001059	.000528	.000208	.0031409	.0007930
%RSD	99.11307	33.28673	270.3407	9.287615	15.24082	.8735775	.3430282

#1	.0043970	.0069529	-.001478	-.005138	-.001353	.3622766	.2302763
#2	.0014522	.0046227	.000638	-.005722	-.001162	.3561104	.2317277
#3	.0004099	.0092424	-.000336	-.006192	-.001577	.3602321	.2315559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006421	.0038815	2.912246	-.000281	.0049220	2.306322	.1138534
Stddev	.0000528	.0000427	.003705	.000286	.0003683	.003153	.0064859
%RSD	8.231988	1.099194	.1272078	101.7501	7.483004	.1367147	5.696708

#1	.0006279	.0038628	2.916292	.000001	.0052041	2.303486	.1112763
#2	.0007005	.0038513	2.911425	-.000572	.0050567	2.309717	.1090522
#3	.0005977	.0039303	2.909021	-.000273	.0045054	2.305763	.1212318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3595529	1.770016	.0045416	.0005801	1.782584	-.003099	1.634665
Stddev	.0009922	.014012	.0000918	.0004753	.165043	.000631	.022508
%RSD	.2759530	.7916517	2.022437	81.94087	9.258645	20.36671	1.376917

#1	.3584354	1.786181	.0045102	.0011026	1.960179	-.002849	1.660296
#2	.3603303	1.761335	.0044696	.0004646	1.753653	-.002631	1.625580
#3	.3598931	1.762530	.0046450	.0001732	1.633919	-.003816	1.618120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7670604	-.005359	.1393587	.0014134	10.35107	.6211923	-.000595
Stddev	.0255147	.002169	.0028136	.0001014	.02924	.0091946	.000658
%RSD	3.326297	40.46577	2.018940	7.175424	.2824405	1.480148	110.5784

#1	.7628867	-.003095	.1361142	.0014777	10.32758	.6112750	-.000242
#2	.7438899	-.007418	.1408363	.0012965	10.38381	.6228681	-.000189
#3	.7944047	-.005565	.1411257	.0014659	10.34183	.6294336	-.001354

Sample Name: K3405-03 Acquired: 06/25/2019 12:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001256	.0004709	.0066681
Stddev	.0014462	.0029183	.0000854
%RSD	1151.775	619.7351	1.281140

#1	.0012813	.0036804	.0065836
#2	-.001496	-.002023	.0066663
#3	.000591	-.000244	.0067545

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.712	1852.418	40165.58	7776.233	3178.847
Stddev	10.647	5.220	154.52	74.300	11.444
%RSD	.5762498	.2817863	.3847109	.9554757	.3600062

#1	1835.699	1857.651	39991.36	7852.940	3192.061
#2	1855.986	1852.390	40286.03	7771.160	3172.253
#3	1851.450	1847.212	40219.35	7704.600	3172.225

Sample Name: K3405-02 Acquired: 06/25/2019 12:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081943	.0052113	.0063138	-.003499	-.000921	.1455478	.1163876
Stddev	.0014709	.0018308	.0004981	.001990	.001317	.0095415	.0003406
%RSD	17.95077	35.13123	7.888890	56.87427	143.0683	6.555606	.2926472

#1	.0091455	.0058367	.0067025	-.003886	-.000110	.1536710	.1164364
#2	.0065000	.0066475	.0057523	-.001344	-.002441	.1479323	.1160253
#3	.0089372	.0031498	.0064866	-.005267	-.000211	.1350402	.1167012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002106	-.000024	.4530921	-.000261	.0009926	.0054003	.2497094
Stddev	.0000135	.000095	.0056049	.000119	.0001721	.0004988	.0134293
%RSD	6.425940	399.6261	1.237028	45.77851	17.34140	9.236978	5.377976

#1	.0001956	-.000020	.4532730	-.000393	.0009499	.0059117	.2452720
#2	.0002144	-.000121	.4586044	-.000160	.0008458	.0053741	.2390604
#3	.0002218	.000069	.4473990	-.000231	.0011820	.0049151	.2647958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295656	.1190491	.0013440	.0001870	1.501617	-.002405	.0201770
Stddev	.0007094	.0096421	.0004947	.0001901	.206458	.001856	.0009102
%RSD	2.399552	8.099226	36.80555	101.6581	13.74906	77.16794	4.511271

#1	.0303453	.1177909	.0014780	.0004051	1.339476	-.002659	.0209038
#2	.0293934	.1100980	.0007962	.0001002	1.734041	-.004122	.0204712
#3	.0289582	.1292586	.0017580	.0000558	1.431336	-.000435	.0191561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502595	.0250199	.0814839	.0002902	.9065645	1.136748	.0002615
Stddev	.0599247	.0016948	.0004599	.0002301	.0061136	.007503	.0011412
%RSD	17.10865	6.773648	.5643600	79.30326	.6743672	.6600015	436.4149

#1	.4122235	.0269455	.0810395	.0005558	.8998302	1.143184	.0015792
#2	.2926069	.0243590	.0814542	.0001662	.9080981	1.128508	-.000396
#3	.3459483	.0237551	.0819578	.0001487	.9117653	1.138552	-.000399

Sample Name: K3405-02 Acquired: 06/25/2019 12:07:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011594	.0008672	.0048601
Stddev	.0006976	.0004087	.0000858
%RSD	60.17410	47.13176	1.764897

#1	.0007886	.0004598	.0047919
#2	.0019641	.0012773	.0048322
#3	.0007254	.0008645	.0049564

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.207	1860.957	40657.28	7780.130	3176.751
Stddev	7.913	3.026	62.36	28.233	5.367
%RSD	.4231070	.1625960	.1533904	.3628880	.1689531

#1	1878.947	1860.432	40601.42	7770.830	3170.554
#2	1863.530	1864.211	40645.85	7811.840	3179.776
#3	1868.143	1858.228	40724.57	7757.720	3179.923

Sample Name: K3405-05 Acquired: 06/25/2019 12:19:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2995960	.0064354	.0001497	-.004248	.0055089	.0274631	.2834450
Stddev	.0020711	.0016864	.0009866	.000799	.0004357	.0089911	.0009791
%RSD	.6912953	26.20601	659.1193	18.80318	7.909458	32.73888	.3454371

#1	.3015863	.0081906	.0012707	-.003420	.0059619	.0175362	.2835657
#2	.2997490	.0062882	-.000587	-.004311	.0054721	.0297937	.2843583
#3	.2974526	.0048273	-.000235	-.005014	.0050928	.0350594	.2824112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002649	-.000081	.7288639	-.000261	.0005499	.0261191	.0162902
Stddev	.0000372	.000074	.0079573	.000324	.0000843	.0008350	.0047633
%RSD	14.04082	91.01235	1.091741	123.7479	15.32638	3.197028	29.24049

#1	.0002250	-.000035	.7236625	.000104	.0006128	.0254889	.0162633
#2	.0002986	-.000042	.7249050	-.000511	.0005828	.0270662	.0115404
#3	.0002710	-.000166	.7380241	-.000377	.0004542	.0258024	.0210669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033511	.1749048	.0013568	-.000041	1.651299	-.000317	.1684990
Stddev	.0003783	.0167122	.0000369	.000155	.174880	.003180	.0010711
%RSD	11.28915	9.555036	2.718516	378.6472	10.59048	1004.420	.6356963

#1	.0031093	.1939129	.0013575	-.000166	1.449511	.001517	.1674832
#2	.0031570	.1682842	.0013196	.000132	1.745512	-.003989	.1696180
#3	.0037871	.1625172	.0013933	-.000089	1.758872	.001522	.1683958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5905273	.1250362	.1262044	.0002475	2.657320	.7143644	-.000197
Stddev	.0663266	.0015786	.0017066	.0000995	.010519	.0042949	.000889
%RSD	11.23176	1.262508	1.352220	40.22827	.3958528	.6012150	451.3193

#1	.6671146	.1244114	.1281174	.0002683	2.668885	.7180794	-.000620
#2	.5523258	.1238656	.1256576	.0001391	2.648322	.7096617	-.000796
#3	.5521414	.1268315	.1248383	.0003349	2.654752	.7153520	.000825

Sample Name: K3405-05 Acquired: 06/25/2019 12:19:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000719	-.000737	.0070581
Stddev	.000548	.001591	.0000706
%RSD	76.12981	215.7257	1.000336

#1	-.000111	-.002041	.0071396
#2	-.001172	.001035	.0070175
#3	-.000875	-.001207	.0070172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.030	1846.749	40321.92	7722.550	3160.004
Stddev	12.469	4.183	378.56	35.715	4.024
%RSD	.6725248	.2264952	.9388338	.4624807	.1273431

#1	1859.487	1847.651	40370.79	7701.130	3157.086
#2	1839.763	1850.407	39921.30	7702.740	3164.595
#3	1862.840	1842.189	40673.67	7763.780	3158.332

Sample Name: K3405-04 Acquired: 06/25/2019 12:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155612	.0039465	.1138279	-.001173	.0011503	1.030737	.5681801
Stddev	.0033129	.0012671	.0006586	.003446	.0007095	.009504	.0034113
%RSD	21.28932	32.10735	.5785795	293.8450	61.68218	.9220795	.6003840

#1	.0117744	.0029134	.1144966	.000974	.0003663	1.021229	.5646706
#2	.0179239	.0035658	.1131799	-.005147	.0013361	1.040237	.5714839
#3	.0169854	.0053604	.1138073	.000655	.0017484	1.030745	.5683858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005404	.0006008	1.364670	-.000323	.0009509	.0251258	2.723460
Stddev	.0000498	.0000281	.034308	.000150	.0000163	.0029203	.010287
%RSD	9.206274	4.679904	2.513992	46.57792	1.712289	11.62282	.3777227

#1	.0005503	.0005785	1.341083	-.000249	.0009330	.0217954	2.718395
#2	.0005845	.0006324	1.348899	-.000224	.0009547	.0272491	2.716688
#3	.0004865	.0005916	1.404027	-.000496	.0009648	.0263329	2.735298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152876	.3325515	.0022489	.0286357	1.321141	.0188733	.2965578
Stddev	.002176	.0125967	.0003045	.0003146	.306419	.0003477	.0044173
%RSD	.1887781	3.787905	13.53911	1.098796	23.19352	1.842178	1.489510

#1	1.150380	.3181857	.0025764	.0282972	1.382970	.0190891	.3013705
#2	1.154377	.3417080	.0019745	.0289192	1.591930	.0190586	.2926884
#3	1.153872	.3377607	.0021956	.0286907	.988522	.0184723	.2956144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016318	.0568950	.0701788	.0010350	.6236656	3.144403	.0008519
Stddev	.033552	.0024450	.0015164	.0001546	.0070010	.018722	.0006549
%RSD	3.301346	4.297371	2.160776	14.93373	1.122551	.5954100	76.87658

#1	.980100	.0559760	.0684599	.0008700	.6156273	3.133540	.0000960
#2	1.022515	.0596663	.0713273	.0010584	.6284283	3.166022	.0012493
#3	1.046340	.0550426	.0707491	.0011765	.6269413	3.133649	.0012105

Sample Name: K3405-04 Acquired: 06/25/2019 12:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023280	-.001031	.0213191
Stddev	.0007953	.000448	.0000106
%RSD	34.16443	43.50835	.0494717

#1	.0028282	-.001323	.0213203
#2	.0027448	-.000514	.0213080
#3	.0014109	-.001254	.0213290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.806	1858.128	40480.21	7870.439	3148.197
Stddev	6.182	2.125	143.69	47.133	2.930
%RSD	.3320363	.1143854	.3549708	.5988665	.0930635

#1	1860.023	1855.698	40595.40	7911.434	3147.627
#2	1868.684	1859.051	40526.04	7818.940	3145.594
#3	1856.712	1859.637	40319.19	7880.944	3151.370

Sample Name: K3405-06 Acquired: 06/25/2019 12:23:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203282	.0055140	-.002499	-.004004	-.001526	.0105793	.2131279
Stddev	.0033823	.0002285	.001016	.000992	.000617	.0057470	.0027417
%RSD	16.63852	4.143916	40.63162	24.77907	40.45581	54.32369	1.286415

#1	.0220021	.0053516	-.002228	-.003750	-.001387	.0121065	.2110552
#2	.0225471	.0054151	-.001647	-.003163	-.000990	.0042229	.2120919
#3	.0164353	.0057752	-.003623	-.005098	-.002201	.0154084	.2162367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002220	-.000074	.5438880	-.000233	.0007555	.0060907	.0113262
Stddev	.0000423	.000012	.0110880	.000294	.0000508	.0026187	.0074319
%RSD	19.05807	16.95538	2.038647	126.2099	6.722228	42.99581	65.61707

#1	.0002018	-.000073	.5451664	.000047	.0007649	.0033791	.0030767
#2	.0001937	-.000087	.5322163	-.000539	.0008010	.0062875	.0174986
#3	.0002707	-.000062	.5542814	-.000206	.0007007	.0086055	.0134032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551175	.1262338	.0009561	.0002599	1.668429	-.003104	.0980211
Stddev	.0007975	.0144654	.0001952	.0002701	.068852	.001269	.0021354
%RSD	1.446976	11.45926	20.41457	103.9162	4.126762	40.87644	2.178511

#1	.0545947	.1133072	.0007307	.0001153	1.710695	-.003570	.0955577
#2	.0547222	.1418582	.0010683	.0005715	1.705612	-.004073	.0993471
#3	.0560354	.1235358	.0010692	.0000929	1.588979	-.001668	.0991584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6580077	.0117508	.1129486	.0002279	1.775514	.8193676	-.000009
Stddev	.0360432	.0026538	.0009534	.0002886	.009857	.0076507	.000515
%RSD	5.477630	22.58373	.8440784	126.6335	.5551567	.9337302	5849.213

#1	.6400448	.0102329	.1129509	.0001169	1.764151	.8184460	-.000197
#2	.6995025	.0102045	.1119940	.0000113	1.781752	.8122195	.000574
#3	.6344760	.0148151	.1139007	.0005556	1.780641	.8274374	-.000404

Sample Name: K3405-06 Acquired: 06/25/2019 12:23:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002361	-.001849	.0076040
Stddev	.0013159	.001321	.0000918
%RSD	557.3007	71.47095	1.207799

#1	.0016703	-.002366	.0075385
#2	-.000916	-.002834	.0075645
#3	-.000046	-.000347	.0077090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.656	1846.648	40246.98	7758.320	3160.832
Stddev	6.725	1.805	73.35	88.547	3.476
%RSD	.3635592	.0977378	.1822593	1.141320	.1099703

#1	1856.918	1845.263	40317.63	7821.440	3162.505
#2	1843.644	1848.689	40252.12	7796.420	3163.155
#3	1848.407	1845.992	40171.20	7657.100	3156.836

Sample Name: K3405-07 Acquired: 06/25/2019 12:27:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109500	.0052309	.0008227	-.006871	.0089770	.0751292	.1625078
Stddev	.0019190	.0009046	.0012959	.000784	.0010715	.0062839	.0025735
%RSD	17.52509	17.29272	157.5134	11.41629	11.93622	8.364095	1.583635

#1	.0105951	.0057148	.0004738	-.007750	.0100415	.0821454	.1616139
#2	.0092333	.0041873	.0022573	-.006241	.0089911	.0732232	.1605003
#3	.0130217	.0057907	-.000263	-.006623	.0078986	.0700189	.1654090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002222	-.000069	.5824394	-.000104	.0005699	.0019775	.0352925
Stddev	.0000261	.000047	.0259749	.000397	.0002525	.0025415	.0065449
%RSD	11.72810	67.52115	4.459674	380.0356	44.30287	128.5209	18.54489

#1	.0001984	-.000061	.5681799	-.000273	.0007442	.0018312	.0412656
#2	.0002500	-.000027	.5667175	-.000389	.0006850	-.000488	.0282962
#3	.0002180	-.000119	.6124207	.000349	.0002804	.004589	.0363157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055053	.1406477	.0014131	.0010605	2.035455	-.001097	.0569738
Stddev	.0001277	.0212336	.0005736	.0003010	.279206	.001247	.0029372
%RSD	2.319039	15.09702	40.58967	28.37957	13.71711	113.6222	5.155429

#1	.0056377	.1161357	.0008628	.0012871	2.333004	.000120	.0541820
#2	.0054951	.1524161	.0020075	.0007190	1.779189	-.001040	.0600376
#3	.0053830	.1533912	.0013692	.0011755	1.994174	-.002372	.0567018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7043629	.0131243	.1281761	.0000752	1.630533	.5304817	.0001571
Stddev	.0654876	.0010585	.0023632	.0001954	.007333	.0089971	.0005094
%RSD	9.297424	8.065195	1.843683	259.7380	.4497591	1.696019	324.3481

#1	.7175466	.0142163	.1296034	.0000568	1.628959	.5356916	.0004879
#2	.7622557	.0130540	.1254484	-.000110	1.638526	.5200928	-.000430
#3	.6332864	.0121028	.1294767	.000279	1.624115	.5356608	.000413

Sample Name: K3405-07 Acquired: 06/25/2019 12:27:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000267	-.002670	.0063432
Stddev	.000395	.001469	.0000600
%RSD	148.1906	55.00824	.9455611

#1	.000051	-.002977	.0063013
#2	-.000709	-.003961	.0064119
#3	-.000142	-.001072	.0063164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.349	1848.879	40108.89	7747.840	3169.039
Stddev	16.325	1.509	106.93	100.353	3.855
%RSD	.8793935	.0816213	.2666079	1.295235	.1216433

#1	1874.551	1849.209	40227.11	7721.720	3164.918
#2	1843.003	1850.196	40080.68	7858.670	3172.557
#3	1851.494	1847.232	40018.90	7663.130	3169.641

Sample Name: K3405-09 Acquired: 06/25/2019 12:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273659	.0052383	.1266141	-.004394	-.000522	.6476542	.3450499
Stddev	.0011269	.0016044	.0016839	.002064	.001980	.0111057	.0016004
%RSD	4.117813	30.62740	1.329978	46.97218	379.5432	1.714759	.4638267

#1	.0272279	.0033930	.1274421	-.005524	.001752	.6560984	.3467965
#2	.0285554	.0063032	.1246765	-.002012	-.001866	.6350740	.3436538
#3	.0263144	.0060186	.1277238	-.005645	-.001451	.6517903	.3446994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004220	.0001488	.9549076	-.000531	.0010191	.0185343	6.526995
Stddev	.0000561	.0000121	.0149772	.000377	.0004310	.0019081	.030886
%RSD	13.28457	8.148962	1.568451	71.11698	42.29334	10.29509	.4732067

#1	.0004829	.0001377	.9482987	-.000165	.0006118	.0200664	6.562398
#2	.0004104	.0001468	.9443714	-.000919	.0009750	.0163970	6.513028
#3	.0003726	.0001617	.9720525	-.000508	.0014704	.0191395	6.505560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4258139	.1605010	.0018833	.0024008	2.329676	-.002722	.1654934
Stddev	.0015244	.0175105	.0003712	.0005436	.051172	.002053	.0045697
%RSD	.3580053	10.90990	19.70855	22.64128	2.196520	75.40982	2.761286

#1	.4275737	.1763830	.0015635	.0018102	2.353436	-.001417	.1688932
#2	.4249700	.1417231	.0022903	.0028801	2.364649	-.005088	.1672882
#3	.4248980	.1633968	.0017962	.0025122	2.270944	-.001661	.1602987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.720766	.4022158	.1567464	.0000766	2.625008	1.947573	.0004376
Stddev	.021710	.0007424	.0020640	.0002593	.013065	.024901	.0004995
%RSD	1.261626	.1845759	1.316762	338.6487	.4977079	1.278560	114.1396

#1	1.731616	.4020716	.1569142	-.000033	2.625319	1.959586	.0000110
#2	1.695771	.4030197	.1546036	-.000110	2.637915	1.918943	.0003148
#3	1.734913	.4015561	.1587213	.000373	2.611791	1.964191	.0009871

Sample Name: K3405-09 Acquired: 06/25/2019 12:36:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BW0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039238	-.000589	.0201134
Stddev	.0006168	.001084	.0000086
%RSD	15.72078	183.9224	.0426390

#1	.0041432	-.001670	.0201193
#2	.0044009	-.000595	.0201174
#3	.0032272	.000497	.0201036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.422	1861.941	40489.97	7829.644	3166.643
Stddev	7.236	2.362	142.73	54.283	3.631
%RSD	.3875024	.1268504	.3525020	.6932960	.1146561

#1	1867.584	1863.729	40583.28	7783.999	3170.731
#2	1860.106	1862.832	40325.67	7889.669	3165.408
#3	1874.576	1859.264	40560.98	7815.263	3163.791

Sample Name: K3405-08 Acquired: 06/25/2019 12:31:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484041	.0051284	.0041518	-.003770	.0019250	.1037204	.3035812
Stddev	.0027972	.0011135	.0014062	.002624	.0013997	.0059064	.0004646
%RSD	5.778827	21.71233	33.86809	69.60806	72.70926	5.694536	.1530418

#1	.0502057	.0056692	.0029844	-.002300	.0024383	.1105227	.3035117
#2	.0498249	.0038478	.0037583	-.002211	.0029956	.1007455	.3040767
#3	.0451817	.0058681	.0057128	-.006800	.0003412	.0998930	.3031553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004275	-.000005	2.841731	-.000589	.0005758	.0554686	.2642030
Stddev	.0000423	.000036	.017516	.000388	.0001177	.0005212	.0105270
%RSD	9.899089	776.1830	.6163844	65.90414	20.43559	.9396350	3.984429

#1	.0004214	-.000031	2.830166	-.000154	.0007108	.0549801	.2717276
#2	.0004726	-.000020	2.861884	-.000710	.0004953	.0554086	.2687082
#3	.0003886	.000036	2.833144	-.000901	.0005213	.0560173	.2521731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1753597	.1553181	.0014929	.0200896	2.039900	-.002121	.3194067
Stddev	.0005837	.0137300	.0003029	.0004401	.205088	.001078	.0040471
%RSD	.3328829	8.839935	20.28875	2.190797	10.05383	50.81317	1.267060

#1	.1760275	.1399367	.0018370	.0197205	1.967391	-.001240	.3240376
#2	.1749467	.1663363	.0012668	.0205767	1.880916	-.001799	.3176342
#3	.1751048	.1596814	.0013748	.0199716	2.271393	-.003322	.3165483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423404	.1557100	.2184020	-.000077	5.587710	.7749066	.0003185
Stddev	.031563	.0030557	.0029584	.000083	.004714	.0110638	.0004864
%RSD	2.217458	1.962413	1.354542	108.2751	.0843672	1.427756	152.7166

#1	1.417742	.1581918	.2154489	-.000032	5.588202	.7643269	.0008654
#2	1.457415	.1566412	.2213655	-.000173	5.582769	.7863981	.0001559
#3	1.395054	.1522971	.2183916	-.000025	5.592159	.7739949	-.000066

Sample Name: K3405-08 Acquired: 06/25/2019 12:31:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001818	-.001134	.0117809
Stddev	.0012049	.001023	.0000345
%RSD	662.9167	90.20159	.2929313

#1	.0015287	-.002242	.0118202
#2	-.000794	-.000225	.0117663
#3	-.000190	-.000936	.0117560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.220	1844.973	39978.75	7811.930	3156.762
Stddev	15.547	1.410	153.57	35.798	5.101
%RSD	.8407213	.0764128	.3841387	.4582501	.1615750

#1	1831.927	1846.568	39826.21	7822.090	3150.997
#2	1853.693	1844.455	39976.70	7772.150	3160.685
#3	1862.041	1843.895	40133.34	7841.550	3158.606

Sample Name: K3405-10 Acquired: 06/25/2019 12:40:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032894	.0062344	.0003315	-.001974	-.002528	.0165527	.2108013
Stddev	.0035979	.0018380	.0002646	.003933	.000914	.0044088	.0017166
%RSD	109.3784	29.48221	79.83824	199.2827	36.16958	26.63513	.8143190

#1	.0072684	.0066741	.0004898	-.001002	-.001611	.0211599	.2088810
#2	.0023343	.0042163	.0000260	.001383	-.003439	.0161247	.2121870
#3	.0002654	.0078126	.0004787	-.006301	-.002534	.0123735	.2113360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002435	.0000598	.4534148	-.000548	.0005639	.0064126	.0202066
Stddev	.0000162	.0000169	.0038699	.000757	.0000504	.0010218	.0014629
%RSD	6.647401	28.22872	.8535087	138.1260	8.934917	15.93405	7.239691

#1	.0002617	.0000489	.4504556	.000075	.0005452	.0059319	.0202973
#2	.0002308	.0000792	.4577942	-.001390	.0005256	.0057198	.0187005
#3	.0002380	.0000512	.4519947	-.000329	.0006210	.0075861	.0216221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2056931	.1147419	.0012814	.0007680	1.758229	-.001470	.0868755
Stddev	.0014311	.0075650	.0000652	.0002867	.116354	.003240	.0010783
%RSD	.6957249	6.593030	5.089392	37.33471	6.617676	220.4696	1.241163

#1	.2062464	.1221732	.0013332	.0010707	1.886603	.000498	.0858592
#2	.2067649	.1070500	.0012082	.0005005	1.659715	-.005209	.0867606
#3	.2040680	.1150023	.0013029	.0007327	1.728370	.000302	.0880066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7468419	.0048447	.0974639	.0000235	1.755416	.8481011	.0001500
Stddev	.0735497	.0011406	.0001903	.0001770	.004102	.0013766	.0006032
%RSD	9.848096	23.54282	.1952418	753.4329	.2336764	.1623176	402.0652

#1	.6745385	.0053244	.0975676	-.000163	1.751256	.8485700	.0000691
#2	.7444095	.0056671	.0975798	.000045	1.755536	.8491820	-.000409
#3	.8215776	.0035426	.0972443	.000189	1.759457	.8465513	.000790

Sample Name: K3405-10 Acquired: 06/25/2019 12:40:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BW6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000548	-.001733	.0092420
Stddev	.000640	.000542	.0000509
%RSD	116.8852	31.27214	.5507153

#1	-.000285	-.001548	.0092432
#2	-.000081	-.001309	.0092922
#3	-.001278	-.002344	.0091905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.057	1847.638	40070.59	7710.297	3165.792
Stddev	15.567	4.063	200.13	31.328	4.457
%RSD	.8441678	.2199159	.4994425	.4063124	.1408003

#1	1861.850	1845.640	40299.11	7746.290	3168.084
#2	1837.370	1852.313	39926.59	7689.170	3168.637
#3	1832.950	1844.960	39986.07	7695.430	3160.655

Sample Name: K3405-11 Acquired: 06/25/2019 12:44:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BY1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101957	.0051782	.0361487	-.000928	-.000422	.3956247	.2037695
Stddev	.0018822	.0013961	.0033222	.000487	.001093	.0128139	.0017727
%RSD	18.46034	26.96127	9.190461	52.49364	258.9659	3.238893	.8699661

#1	.0114829	.0046927	.0323987	-.000662	.000292	.3971042	.2025552
#2	.0080356	.0040897	.0373236	-.000632	-.001681	.4076346	.2029496
#3	.0110687	.0067523	.0387239	-.001490	.000122	.3821353	.2058038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002873	.0001175	.5032345	-.000576	.0005027	.0129174	.3857074
Stddev	.0000886	.0000094	.0002836	.000311	.0002260	.0023409	.0159171
%RSD	30.85522	7.990750	.0563504	53.93886	44.95276	18.12227	4.126726

#1	.0002828	.0001273	.5030424	-.000317	.0005449	.0127277	.3673354
#2	.0002009	.0001165	.5035602	-.000491	.0007046	.0106770	.3953483
#3	.0003780	.0001086	.5031009	-.000921	.0002586	.0153473	.3944385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6223695	.1350243	.0011385	.0003335	1.519722	-.000659	.1041404
Stddev	.0050253	.0103438	.0000747	.0002265	.346318	.000784	.0013872
%RSD	.8074528	7.660695	6.561552	67.92228	22.78824	119.0714	1.332080

#1	.6171233	.1442252	.0010567	.0005930	1.163292	-.001531	.1052582
#2	.6228452	.1238283	.0011558	.0001754	1.540920	-.000433	.1045752
#3	.6271402	.1370195	.0012030	.0002320	1.854954	-.000012	.1025879

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6172814	.0235815	.0688489	.0012715	.7890334	1.021577	-.000294
Stddev	.0660651	.0020343	.0010908	.0001552	.0056506	.011776	.000987
%RSD	10.70259	8.626856	1.584322	12.20679	.7161456	1.152702	336.1137

#1	.5682432	.0237081	.0676774	.0013738	.7946504	1.008183	.000799
#2	.6924073	.0255495	.0698352	.0013479	.7833498	1.030303	-.000558
#3	.5911938	.0214868	.0690342	.0010929	.7891000	1.026245	-.001121

Sample Name: K3405-11 Acquired: 06/25/2019 12:44:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BY1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002035	-.001686	.0118070
Stddev	.0007104	.001282	.0001317
%RSD	349.0479	76.06535	1.115430

#1	-.000540	-.000317	.0117299
#2	.000875	-.002859	.0119591
#3	.000275	-.001882	.0117320

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.863	1849.548	40196.93	7817.233	3153.852
Stddev	17.935	2.105	263.42	41.209	3.366
%RSD	.9726840	.1137872	.6553128	.5271518	.1067215

#1	1828.687	1851.966	39997.70	7862.960	3157.736
#2	1863.654	1848.132	40495.59	7805.770	3151.786
#3	1839.247	1848.545	40097.49	7782.970	3152.033

Sample Name: K3405-12 Acquired: 06/25/2019 12:48:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045025	.0047851	.0031570	-.003577	-.000352	.2173125	.2107315
Stddev	.0032170	.0009602	.0010495	.000884	.000575	.0043296	.0009513
%RSD	71.44879	20.06578	33.24325	24.70578	163.6202	1.992319	.4514181

#1	.0038343	.0046610	.0036179	-.002821	-.000672	.2123416	.2112517
#2	.0080011	.0058013	.0019559	-.003361	-.000695	.2202587	.2113091
#3	.0016721	.0038930	.0038971	-.004549	.000313	.2193373	.2096335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001868	-.000001	.5886779	-.000210	.0006379	.0084129	.6048122
Stddev	.0000244	.000049	.0091568	.000317	.0001227	.0026004	.0097415
%RSD	13.05864	4661.523	1.555486	151.0157	19.23908	30.90961	1.610664

#1	.0001588	-.000005	.5967437	-.000571	.0006571	.0057099	.6085388
#2	.0001982	.000050	.5787243	-.000076	.0007499	.0108968	.6121402
#3	.0002035	-.000048	.5905656	.000018	.0005067	.0086320	.5937575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770265	.1144234	.0009160	.0008638	1.615800	-.002591	.0455385
Stddev	.0016434	.0185503	.0003595	.0005087	.063083	.000771	.0001897
%RSD	2.133522	16.21201	39.24219	58.89216	3.904115	29.75210	.4165901

#1	.0764416	.0946173	.0012471	.0008755	1.546021	-.003027	.0453206
#2	.0788824	.1313907	.0009673	.0003494	1.668790	-.003046	.0456671
#3	.0757556	.1172623	.0005336	.0013666	1.632589	-.001701	.0456278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8977309	.0228387	.1019410	.0000864	1.627336	.7533812	.0005728
Stddev	.0554368	.0020006	.0013095	.0001186	.000933	.0065842	.0006993
%RSD	6.175210	8.759825	1.284548	137.1998	.0573528	.8739559	122.0888

#1	.8345016	.0251226	.1011830	.0001828	1.627298	.7555530	.0005635
#2	.9379931	.0213959	.1034530	.0001224	1.628288	.7586051	.0012768
#3	.9206981	.0219977	.1011869	-.000046	1.626423	.7459854	-.000122

Sample Name: K3405-12 Acquired: 06/25/2019 12:48:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0060828	-.001577	.0134679
Stddev	.0005067	.000157	.0000558
%RSD	8.329721	9.967448	.4145935

#1	.0057787	-.001757	.0135310
#2	.0066677	-.001511	.0134481
#3	.0058020	-.001464	.0134247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.091	1837.696	39887.20	7751.823	3145.791
Stddev	5.471	5.163	117.63	31.128	2.339
%RSD	.2989291	.2809224	.2949151	.4015588	.0743585

#1	1828.078	1837.313	39842.95	7748.830	3145.527
#2	1836.283	1843.040	40020.55	7722.300	3148.250
#3	1825.912	1832.736	39798.12	7784.340	3143.594

Sample Name: K3405-13 Acquired: 06/25/2019 12:52:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062358	.0062487	.0263573	-.004798	-.000301	.1366034	.1883015
Stddev	.0007812	.0011384	.0009292	.001800	.001054	.0072337	.0017524
%RSD	12.52784	18.21871	3.525595	37.51329	349.5695	5.295379	.9306355

#1	.0053474	.0054056	.0270297	-.005691	.000837	.1398482	.1882426
#2	.0065442	.0057969	.0267453	-.002726	-.000498	.1416465	.1900827
#3	.0068157	.0075437	.0252969	-.005976	-.001243	.1283155	.1865793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002458	-.000016	.4629917	-.000075	.0005043	.0052915	1.220295
Stddev	.0000578	.000114	.0158933	.000064	.0003022	.0018816	.003356
%RSD	23.50153	698.3653	3.432746	84.75443	59.92712	35.55799	.2749995

#1	.0001833	-.000034	.4463353	-.000067	.0003279	.0031981	1.216420
#2	.0002571	-.000120	.4779923	-.000016	.0008532	.0058347	1.222302
#3	.0002971	.000105	.4646477	-.000143	.0003317	.0068417	1.222161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480868	.1078281	.0013122	.0058903	1.861757	-.004238	.0508438
Stddev	.0003680	.0150746	.0003640	.0003504	.194599	.002129	.0002993
%RSD	.7652514	13.98017	27.74244	5.949620	10.45242	50.23325	.5886511

#1	.0480486	.0907003	.0010970	.0062542	2.077647	-.002883	.0508010
#2	.0484725	.1137047	.0011070	.0058616	1.699846	-.003139	.0505683
#3	.0477395	.1190793	.0017325	.0055551	1.807779	-.006692	.0511622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088662	.0311310	.1068313	.0001939	1.830781	.8525541	-.000534
Stddev	.018947	.0018938	.0010244	.0003695	.005752	.0029929	.000721
%RSD	1.740403	6.083405	.9589138	190.5255	.3142042	.3510454	134.9643

#1	1.072576	.0290019	.1071261	-.000181	1.824170	.8521815	-.000847
#2	1.083864	.0317636	.1056918	.000558	1.834644	.8557158	.000290
#3	1.109548	.0326276	.1076760	.000205	1.833528	.8497649	-.001046

Sample Name: K3405-13 Acquired: 06/25/2019 12:52:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008559	-.001545	.0076738
Stddev	.0012314	.000748	.0000375
%RSD	143.8634	48.40083	.4891909

#1	-.000520	-.001683	.0076316
#2	.001855	-.000738	.0076862
#3	.001232	-.002215	.0077035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.892	1839.824	40117.79	7722.960	3149.887
Stddev	11.335	4.024	181.48	22.750	2.593
%RSD	.6127361	.2187196	.4523724	.2945797	.0823277

#1	1857.741	1841.913	40201.28	7731.380	3147.610
#2	1855.039	1842.373	40242.50	7697.200	3152.710
#3	1836.897	1835.185	39909.59	7740.300	3149.340

Sample Name: K3405-14 Acquired: 06/25/2019 12:56:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077483	.0044115	-.000215	-.005716	-.001903	.0273147	.3106966
Stddev	.0006527	.0022108	.000768	.001515	.001370	.0035722	.0012115
%RSD	8.423293	50.11552	357.7112	26.50313	71.98756	13.07786	.3899237

#1	.0081750	.0060906	.000663	-.006755	-.000329	.0272269	.3119439
#2	.0069970	.0019066	-.000540	-.003978	-.002826	.0309300	.3095244
#3	.0080729	.0052372	-.000767	-.006415	-.002556	.0237873	.3106215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002815	-.000056	.6644143	-.000152	.0005378	.0219433	.0106500
Stddev	.0000344	.000083	.0140031	.000102	.0003047	.0032650	.0052496
%RSD	12.21105	147.0578	2.107579	67.42124	56.65859	14.87922	49.29169

#1	.0002485	-.000144	.6674380	-.000052	.0001875	.0237250	.0045887
#2	.0002788	.000021	.6766585	-.000146	.0007411	.0239298	.0136240
#3	.0003171	-.000046	.6491464	-.000257	.0006848	.0181751	.0137374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619390	.1140946	.0012423	.0003443	2.036396	-.001202	.2728403
Stddev	.0006837	.0193000	.0006273	.0002863	.205398	.000988	.0018354
%RSD	1.103841	16.91575	50.49681	83.16605	10.08636	82.14631	.6726998

#1	.0625498	.1192699	.0005230	.0000873	1.799337	-.001884	.2716892
#2	.0612004	.0927346	.0016761	.0006529	2.148537	-.001653	.2718749
#3	.0620667	.1302793	.0015279	.0002926	2.161313	-.000070	.2749569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.255757	.0111339	.1984599	.0001541	3.133687	.6997197	-.000558
Stddev	.010120	.0025944	.0007589	.0001781	.017684	.0077895	.001273
%RSD	.8059193	23.30139	.3824098	115.6427	.5643137	1.113229	228.1600

#1	1.247656	.0082028	.1976312	-.000044	3.144988	.7065092	.000794
#2	1.267101	.0120635	.1986275	.000302	3.113308	.6912158	-.000733
#3	1.252512	.0131354	.1991211	.000204	3.142765	.7014340	-.001735

Sample Name: K3405-14 Acquired: 06/25/2019 12:56:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002754	-.000679	.0096824
Stddev	.0009639	.002092	.0000887
%RSD	349.9562	308.0616	.9159482

#1	-.000820	-.001579	.0096186
#2	.000996	.001712	.0097836
#3	.000650	-.002170	.0096448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.893	1842.429	40178.44	7703.247	3152.679
Stddev	15.111	1.595	412.91	61.419	4.594
%RSD	.8172869	.0865676	1.027700	.7973125	.1457104

#1	1856.673	1840.589	40305.75	7639.700	3147.397
#2	1831.477	1843.286	39716.86	7707.750	3154.893
#3	1858.528	1843.412	40512.71	7762.290	3155.746

Sample Name: K3405-15 Acquired: 06/25/2019 13:00:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274149	.0033657	3.429095	-.016062	.0062383	1.061679
Stddev	.0033567	.0025033	.004034	.002817	.0006530	.008733
%RSD	12.24389	74.37652	.1176393	17.53940	10.46759	.8225213

#1	.0280838	.0011911	3.425174	-.019281	.0069715	1.070091
#2	.0303868	.0028038	3.433233	-.014860	.0057193	1.062288
#3	.0237742	.0061022	3.428879	-.014045	.0060243	1.052658

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432874	.0030390	.0482983	87.28782	-.012938	.0189148
Stddev	.0006943	.0001422	.0001027	.77652	.000355	.0003347
%RSD	1.603833	4.680625	.2125542	.8896139	2.745443	1.769588

#1	.0432349	.0031327	.0481960	87.44030	-.013348	.0185858
#2	.0440065	.0031090	.0482974	87.97680	-.012740	.0192549
#3	.0426209	.0028753	.0484014	86.44637	-.012725	.0189036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519070	4.342652	F 69.98486	2.512393	.0032830	.0127573
Stddev	.001910	.042390	1.24460	.027301	.0002990	.0003715
%RSD	.1257251	.9761380	1.778382	1.086660	9.107236	2.912128

#1	1.519137	4.342305	70.42694	2.515139	.0030457	.0131641
#2	1.520946	4.385215	70.94806	2.538218	.0036188	.0124361
#3	1.517128	4.300436	68.57957	2.483823	.0031845	.0126717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.963953	.0660274	5.698378	1.015303	.0001448	.1652928
Stddev	.039278	.0029421	.063109	.033884	.0012196	.0015696
%RSD	1.999946	4.455849	1.107491	3.337315	842.3248	.9495964

#1	1.919342	.0670012	5.626416	1.053173	.0015523	.1670148
#2	1.993338	.0683592	5.724420	1.004883	-.000519	.1649217
#3	1.979179	.0627219	5.744299	.987853	-.000599	.1639421

Sample Name: K3405-15 Acquired: 06/25/2019 13:00:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000932	F 126.4688	.6446970	-.002968	-.002468	.0005767
Stddev	.000122	.2872	.0084417	.000788	.000895	.0009927
%RSD	13.08787	.2270562	1.309408	26.56679	36.26320	172.1329
#1	-.000875	126.3798	.6476823	-.002482	-.001775	.0005935
#2	-.000849	126.7900	.6512404	-.002543	-.003479	.0015609
#3	-.001072	126.2368	.6351683	-.003877	-.002151	-.000424

Elem	Sr4077
Units	ppm
Avg	.4472576
Stddev	.0024223
%RSD	.5415932
#1	.4451332
#2	.4498955
#3	.4467440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.592	1949.684	42541.07	8325.133	3096.708
Stddev	12.894	1.698	184.67	65.494	3.919
%RSD	.6627451	.0870767	.4340972	.7867018	.1265585
#1	1959.822	1950.040	42665.08	8304.169	3097.371
#2	1934.684	1951.176	42629.29	8272.687	3092.499
#3	1942.269	1947.837	42328.83	8398.542	3100.253

Sample Name: K3405-17 Acquired: 06/25/2019 13:08:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007303	.0034965	.0302265	-.001884	-.001402	.2070204	.1271107
Stddev	.0033333	.0009753	.0011169	.001085	.000346	.0010992	.0011870
%RSD	456.4640	27.89452	3.695177	57.57732	24.64709	.5309699	.9337926

#1	-.002598	.0038439	.0293630	-.001998	-.001364	.2059182	.1268012
#2	.000721	.0023950	.0298285	-.002908	-.001765	.2070263	.1284218
#3	.004068	.0042505	.0314878	-.000747	-.001077	.2081166	.1261092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002888	.0161308	34.44955	-.000868	.0038063	.0558331	-.009743
Stddev	.0000034	.0000814	.23324	.000239	.0002319	.0040287	.004565
%RSD	1.177758	.5043515	.6770502	27.51394	6.092495	7.215683	46.85556

#1	.0002922	.0161471	34.49800	-.000601	.0040735	.0517628	-.007485
#2	.0002886	.0160425	34.65477	-.000941	.0036876	.0559177	-.014997
#3	.0002855	.0162027	34.19590	-.001061	.0036578	.0598189	-.006747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.271234	.9141307	.0017621	.0011400	6.970741	.0038555	6.206914
Stddev	.032621	.0246756	.0003518	.0004723	.386880	.0008426	.051501
%RSD	.6188458	2.699348	19.96250	41.42831	5.550054	21.85353	.8297418

#1	5.280333	.9420455	.0019496	.0015721	7.049640	.0048053	6.266371
#2	5.298339	.9051185	.0013564	.0006358	7.312089	.0035635	6.176156
#3	5.235030	.8952280	.0019805	.0012120	6.550493	.0031978	6.178216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6958228	.0102983	.1387067	.0000527	34.36917	.9279321	-.001071
Stddev	.0509395	.0018773	.0004843	.0001088	.05116	.0034719	.000350
%RSD	7.320763	18.22940	.3491236	206.4140	.1488586	.3741505	32.69713

#1	.7546180	.0086948	.1383288	-.000041	34.42744	.9244146	-.000696
#2	.6679022	.0098367	.1392526	.000027	34.34847	.9313565	-.001128
#3	.6649483	.0123633	.1385388	.000172	34.33160	.9280252	-.001390

Sample Name: K3405-17 Acquired: 06/25/2019 13:08:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001715	-.000886	.0222472
Stddev	.001510	.001791	.0000378
%RSD	88.01858	202.1670	.1698488

#1	-.001841	.001178	.0222246
#2	-.003159	-.002030	.0222261
#3	-.000147	-.001807	.0222908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.137	1817.634	39800.13	7719.317	3136.411
Stddev	10.381	4.830	372.51	41.206	5.641
%RSD	.5703188	.2657503	.9359527	.5338035	.1798583

#1	1810.654	1822.791	39813.25	7739.365	3133.605
#2	1818.531	1813.215	39421.23	7671.924	3132.722
#3	1831.228	1816.896	40165.90	7746.663	3142.904

Sample Name: K3405-16 Acquired: 06/25/2019 13:04:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072488	.0042839	.0028235	-.002695	.0014252	.0898709	.2598204
Stddev	.0021593	.0013055	.0007095	.002637	.0003534	.0049537	.0008711
%RSD	29.78753	30.47335	25.12941	97.84036	24.79875	5.512009	.3352602

#1	.0075422	.0057707	.0035101	-.002096	.0010174	.0901369	.2591044
#2	.0092464	.0037556	.0020931	-.005580	.0016153	.0946862	.2607902
#3	.0049579	.0033254	.0028673	-.000409	.0016430	.0847895	.2595665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002270	-.000016	.8332601	-.000268	.0005269	.0046310	.1858488
Stddev	.0000342	.000046	.0086743	.000125	.0002822	.0023854	.0027953
%RSD	15.07667	285.3533	1.041006	46.56369	53.55889	51.50851	1.504049

#1	.0001877	.000018	.8352422	-.000142	.0008051	.0061239	.1847669
#2	.0002434	.000001	.8407718	-.000392	.0005348	.0018800	.1837562
#3	.0002499	-.000068	.8237663	-.000272	.0002409	.0058891	.1890233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1169823	.1417749	.0011516	.0010426	1.822120	-.000674	.1241036
Stddev	.0002095	.0275284	.0002708	.0003462	.290250	.002783	.0011190
%RSD	.1791141	19.41698	23.51651	33.20832	15.92924	412.7202	.9016354

#1	.1168083	.1249473	.0012865	.0014178	1.772117	-.002336	.1228132
#2	.1169239	.1735433	.0008398	.0009746	1.560120	-.002225	.1246915
#3	.1172149	.1268341	.0013285	.0007354	2.134123	.002538	.1248061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7334549	.0070147	.1422977	.0001018	2.084376	.6882048	.0001299
Stddev	.0349378	.0021709	.0027885	.0001431	.006200	.0036275	.0002797
%RSD	4.763456	30.94726	1.959604	140.5875	.2974409	.5270970	215.4086

#1	.7731980	.0049003	.1424999	.0002658	2.091353	.6860807	.0002512
#2	.7195847	.0092379	.1449795	.0000369	2.082279	.6923933	-.000190
#3	.7075821	.0069058	.1394136	.0000027	2.079497	.6861403	.000328

Sample Name: K3405-16 Acquired: 06/25/2019 13:04:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000433	-.003153	.0077501
Stddev	.000564	.000230	.0000495
%RSD	130.3112	7.295708	.6393905

#1	-.000729	-.003193	.0077478
#2	-.000788	-.003360	.0077018
#3	.000218	-.002905	.0078008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.425	1838.372	40066.10	7727.887	3144.257
Stddev	12.148	5.371	96.83	45.705	5.664
%RSD	.6615141	.2921510	.2416820	.5914293	.1801380

#1	1828.028	1844.053	40047.89	7721.800	3150.750
#2	1850.355	1837.685	40170.75	7685.530	3140.328
#3	1830.891	1833.377	39979.67	7776.330	3141.694

Sample Name: K3403-08 Acquired: 06/25/2019 13:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611332	.0001963	.3508607	-.013175	.0166350	15.99566	.1864330
Stddev	.0011795	.0009327	.0018661	.001501	.0012932	.02208	.0016197
%RSD	.4516711	475.1038	.5318583	11.39390	7.774218	.1380143	.8687757

#1	.2597744	.0012720	.3529998	-.011511	.0174150	16.01296	.1878931
#2	.2617329	-.000388	.3495665	-.014428	.0173478	15.97079	.1846908
#3	.2618924	-.000295	.3500158	-.013585	.0151422	16.00322	.1867150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088204	.0149500	10.40574	-.004553	.0271820	1.424867	55.14151
Stddev	.0000491	.0001201	.06182	.000416	.0004850	.002931	.19096
%RSD	.5564319	.8033569	.5941234	9.134107	1.784149	.2057190	.3463029

#1	.0088527	.0150758	10.45753	-.004932	.0277094	1.427091	55.27626
#2	.0088446	.0148366	10.33730	-.004108	.0267554	1.421545	54.92299
#3	.0087639	.0149377	10.42239	-.004619	.0270811	1.425964	55.22529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.314511	3.112426	.0082933	-.001586	-.366903	.0425958	.5573555
Stddev	.022352	.005192	.0003306	.000390	.061146	.0016985	.0061252
%RSD	.6743679	.1668058	3.986015	24.58749	16.66555	3.987476	1.098979

#1	3.332098	3.106617	.0082692	-.001290	-.303931	.0413880	.5578202
#2	3.289358	3.116612	.0086353	-.002028	-.370733	.0418615	.5510112
#3	3.322079	3.114050	.0079754	-.001440	-.426044	.0445379	.5632351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.903286	.9689677	-.014984	.0145288	.0647504	.9697588	.0034786
Stddev	.002912	.0031699	.000610	.0002133	.0022865	.0037195	.0013008
%RSD	.0745932	.3271469	4.073874	1.468352	3.531175	.3835455	37.39251

#1	3.906511	.9725981	-.015645	.0147267	.0634332	.9722843	.0042946
#2	3.900852	.9675570	-.014441	.0145570	.0673905	.9715044	.0041627
#3	3.902493	.9667480	-.014865	.0143028	.0634273	.9654875	.0019786

Sample Name: K3403-08 Acquired: 06/25/2019 13:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0555057	.0004987	.0740770
Stddev	.0011398	.0001889	.0000398
%RSD	2.053433	37.88571	.0536778

#1	.0567403	.0005081	.0740346
#2	.0544936	.0003052	.0740827
#3	.0552832	.0006827	.0741136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.100	3136.618	68821.66	13479.46	2884.476
Stddev	21.465	3.178	526.00	64.94	7.408
%RSD	.6868672	.1013089	.7642935	.4817877	.2568352

#1	3116.771	3133.011	68390.06	13418.20	2875.954
#2	3149.482	3137.840	69407.55	13547.54	2888.091
#3	3109.048	3139.004	68667.37	13472.63	2889.382

Sample Name: CCV011 Acquired: 06/25/2019 13:29:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940021	4.982117	24.40389	4.524476	5.038085	422.6568	10.75957
Stddev	.018810	.022111	.06447	.010556	.003941	2.2002	.10743
%RSD	.3807648	.4437999	.2641970	.2333062	.0782257	.5205608	.9985005

#1	4.918393	4.979000	24.40748	4.512358	5.035073	422.6319	10.73719
#2	4.952561	4.961731	24.33770	4.531674	5.036637	420.4691	10.66508
#3	4.949109	5.005621	24.46649	4.529395	5.042545	424.8693	10.87643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5075743	2.370329	417.3409	15.17459	2.514758	15.69615	418.2840
Stddev	.0049172	.005412	4.8833	.02591	.005788	.06464	3.6987
%RSD	.9687583	.2283082	1.170093	.1707644	.2301753	.4118368	.8842604

#1	.5038423	2.370430	416.3713	15.20253	2.513794	15.72259	417.1273
#2	.5057346	2.364867	413.0152	15.15135	2.509512	15.62248	415.3018
#3	.5131461	2.375689	422.6362	15.16989	2.520967	15.74338	422.4228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66555	411.2791	2.509033	1.296098	405.7258	2.565040	15.16116
Stddev	.17047	3.9624	.005310	.006006	3.0811	.020543	.10920
%RSD	1.088166	.9634281	.2116537	.4633827	.7594112	.8008830	.7202863

#1	15.62447	410.2791	2.507624	1.300481	405.5850	2.564385	15.22164
#2	15.51938	407.9125	2.504568	1.298560	402.7175	2.544833	15.22675
#3	15.85281	415.6457	2.514905	1.289252	408.8749	2.585903	15.03510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.9795	5.150217	4.987484	4.851541	4.691767	5.005083	4.942877
Stddev	.7365	.013092	.048677	.006145	.020066	.053242	.018745
%RSD	.4661787	.2542069	.9759734	.1266623	.4276876	1.063765	.3792265

#1	158.1885	5.156891	4.953463	4.844904	4.688957	4.964813	4.945013
#2	157.1612	5.135133	4.965747	4.852688	4.673254	4.984987	4.923156
#3	158.5889	5.158628	5.043241	4.857032	4.713090	5.065448	4.960462

Sample Name: CCV011 Acquired: 06/25/2019 13:29:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.101663	5.280380	4.838463
Stddev	.031123	.065202	.093818
%RSD	.6100501	1.234790	1.938996

#1	5.104494	5.267876	4.860821
#2	5.069222	5.222336	4.735486
#3	5.131274	5.350928	4.919081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.749	1401.310	33109.65	6798.960	2339.003
Stddev	4.800	1.886	205.78	78.918	6.839
%RSD	.3355218	.1346070	.6215038	1.160737	.2923724

#1	1425.757	1403.060	32872.93	6803.529	2337.922
#2	1431.158	1401.556	33245.81	6875.494	2346.318
#3	1435.332	1399.312	33210.23	6717.856	2332.769

Sample Name: CCB011 Acquired: 06/25/2019 13:33:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000242	.0027852	.0001037	-.000466	-.000505	.0124032
Stddev	.005330	.0009059	.0012260	.001144	.001848	.0090122
%RSD	2204.538	32.52544	1181.965	245.3171	366.1797	72.65988

#1	.005913	.0019982	.0009651	-.000782	-.002597	.0216298
#2	-.003373	.0025820	.0006459	.000802	.000183	.0119577
#3	-.003265	.0037755	-.001300	-.001419	.000900	.0036221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	.0000671	.0000907	.0143428	.0001245	.0004157
Stddev	.000065	.0000700	.0000596	.0083523	.0002026	.0000881
%RSD	46.60264	104.3105	65.75466	58.23303	162.7541	21.18726

#1	-.000088	.0000383	.0001207	.0239420	.0002925	.0004193
#2	-.000119	.0000161	.0000220	.0087352	.0001816	.0003259
#3	-.000214	.0001468	.0001294	.0103513	-.000101	.0005019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017194	.0221159	.0013160	.0226108	.0001378	-.000020
Stddev	.0028183	.0084308	.0001927	.0230592	.0002089	.000335
%RSD	163.9156	38.12108	14.64469	101.9834	151.5847	1680.755

#1	.0024050	.0314221	.0014819	.0492307	.0003381	.000275
#2	.0041316	.0199375	.0013615	.0098129	-.000079	-.000385
#3	-.001378	.0149881	.0011046	.0087887	.000154	.000049

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.272804	-.001247	.0028182	.7390191	-.003409	.0045211
Stddev	.306368	.002664	.0005457	.0429695	.000751	.0016007
%RSD	112.3035	213.6117	19.36492	5.814396	22.02284	35.40536

#1	-.022645	.000509	.0032311	.7875779	-.002950	.0063688
#2	-.181257	-.004312	.0030239	.7235667	-.004275	.0036385
#3	-.614510	.000062	.0021995	.7059129	-.003001	.0035559

Sample Name: CCB011 Acquired: 06/25/2019 13:33:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007007	-.005837	-.002091	.0028568	-.000588	F .0163342
Stddev	.0001720	.005088	.000725	.0005251	.002586	.0027951
%RSD	24.54359	87.15811	34.66238	18.38217	440.1369	17.11195

#1	.0005548	-.005426	-.002338	.0028514	.002287	.0194617
#2	.0006570	-.000968	-.002661	.0033847	-.002726	.0140801
#3	.0008903	-.011118	-.001275	.0023344	-.001324	.0154609

Elem	Sr4077
Units	ppm
Avg	.0001966
Stddev	.0000798
%RSD	40.57749

#1	.0001708
#2	.0001329
#3	.0002861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1653.604	1657.284	35982.28	7027.547	2851.842
Stddev	10.128	4.583	199.69	40.316	2.815
%RSD	.6124935	.2765142	.5549616	.5736810	.0986953

#1	1642.101	1655.855	35945.53	7013.170	2852.960
#2	1657.525	1653.586	35803.53	7073.080	2848.640
#3	1661.185	1662.411	36197.79	6996.390	2853.926

Sample Name: K3403-09 Acquired: 06/25/2019 13:37:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500748	.0020154	.8900107	-.011093	.0166005	15.97250	.1712881
Stddev	.0028584	.0009266	.0042807	.001363	.0009310	.07696	.0014201
%RSD	1.143038	45.97466	.4809662	12.28429	5.608028	.4818145	.8290728

#1	.2470027	.0009917	.8941605	-.012493	.0161932	15.96027	.1700820
#2	.2505656	.0027966	.8902615	-.009771	.0176657	16.05484	.1728533
#3	.2526560	.0022578	.8856102	-.011016	.0159426	15.90239	.1709290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079885	.0148544	9.976252	-.003738	.0237559	1.338531	48.67787
Stddev	.0001347	.0000737	.101416	.000278	.0001476	.003520	.30494
%RSD	1.686525	.4958727	1.016571	7.444403	.6213247	.2629851	.6264362

#1	.0078359	.0147752	9.914175	-.003671	.0236281	1.341025	48.45847
#2	.0080911	.0148672	10.09329	-.003499	.0237222	1.340063	49.02607
#3	.0080385	.0149208	9.92130	-.004044	.0239174	1.334504	48.54907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836851	3.013964	.0081567	-.001846	-.210142	.0400885	.5324362
Stddev	.018973	.031571	.0001615	.000064	.097796	.0009456	.0050598
%RSD	.6688055	1.047479	1.980213	3.474096	46.53780	2.358829	.9503132

#1	2.819936	2.978760	.0083363	-.001904	-.194184	.0393858	.5382045
#2	2.857366	3.039765	.0080235	-.001857	-.314936	.0411636	.5303561
#3	2.833252	3.023366	.0081102	-.001777	-.121307	.0397161	.5287480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.823541	1.125359	-.013697	.0133047	.1051624	1.824205	.0037379
Stddev	.034569	.002198	.000317	.0001472	.0058528	.021955	.0003657
%RSD	.9041122	.1953160	2.313814	1.106125	5.565534	1.203511	9.782596

#1	3.849366	1.122912	-.014013	.0133896	.1005284	1.800264	.0036044
#2	3.836988	1.126003	-.013379	.0133897	.1117398	1.843395	.0034576
#3	3.784269	1.127164	-.013701	.0131347	.1032192	1.828955	.0041515

Sample Name: K3403-09 Acquired: 06/25/2019 13:37:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0455940	.0020670	.0696796
Stddev	.0008090	.0013018	.0001322
%RSD	1.774359	62.98165	.1897981

#1	.0448264	.0009412	.0695270
#2	.0464388	.0017672	.0697512
#3	.0455169	.0034925	.0697605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3277.529	3268.080	71918.83	14057.20	2870.345
Stddev	16.946	4.775	168.56	115.06	6.647
%RSD	.5170290	.1461155	.2343722	.8185012	.2315724

#1	3263.162	3266.709	71754.15	14189.58	2869.845
#2	3296.217	3273.391	72091.01	13981.28	2877.228
#3	3273.208	3264.141	71911.33	14000.74	2863.962

Sample Name: K3403-10 Acquired: 06/25/2019 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.476825	.0276130	F 162.4389	-.056342	.0480156	15.08350
Stddev	.010570	.0033941	.1459	.001646	.0012092	.06388
%RSD	.4267532	12.29168	.0897890	2.921466	2.518256	.4235210

#1	2.467732	.0314265	162.4938	-.056261	.0466809	15.03727
#2	2.488422	.0249237	162.2736	-.054738	.0483283	15.05682
#3	2.474321	.0264886	162.5494	-.058027	.0490378	15.15639

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8168093	.0013012	.2475188	12.37821	-.046104	.0390607
Stddev	.0059174	.0001068	.0005903	.13734	.000465	.0006092
%RSD	.7244480	8.210017	.2384762	1.109520	1.007597	1.559558

#1	.8152434	.0014177	.2472483	12.38276	-.046615	.0396566
#2	.8118324	.0012078	.2471123	12.23865	-.045988	.0384391
#3	.8233521	.0012782	.2481959	12.51321	-.045708	.0390865

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.792681	368.6081	F 78.93146	3.092148	.0125282	.2664445
Stddev	.018555	1.9069	.91698	.007587	.0003738	.0014379
%RSD	.2731649	.5173113	1.161738	.2453698	2.983416	.5396555

#1	6.774091	369.1224	77.97583	3.099958	.0121865	.2680983
#2	6.792752	366.4968	79.01441	3.091681	.0124707	.2657451
#3	6.811201	370.2051	79.80415	3.084805	.0129273	.2654901

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5107511	.1617137	8.225858	20.12135	5.830572	-.046018
Stddev	.2584406	.0033759	.038499	.03979	.021056	.006281
%RSD	50.60010	2.087582	.4680218	.1977303	.3611325	13.64936

#1	.7054370	.1623597	8.270020	20.16727	5.845325	-.041537
#2	.6092769	.1580614	8.199369	20.09728	5.839933	-.053197
#3	.2175393	.1647199	8.208184	20.09950	5.806459	-.043318

Sample Name: K3403-10 Acquired: 06/25/2019 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655006	30.77683	2.154678	.0068411	.0265991	.0116065
Stddev	.0003345	.05413	.008565	.0001174	.0012424	.0018337
%RSD	.5106985	.1758791	.3974953	1.716158	4.670827	15.79893
#1	.0654138	30.83911	2.151902	.0069755	.0251680	.0120504
#2	.0652181	30.74114	2.147844	.0067890	.0274012	.0131775
#3	.0658700	30.75024	2.164286	.0067587	.0272281	.0095916

Elem	Sr4077
Units	ppm
Avg	.5346936
Stddev	.0010120
%RSD	.1892684
#1	.5335804
#2	.5349425
#3	.5355579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.857	1730.430	38115.73	7484.148	2819.938
Stddev	4.475	1.709	78.25	20.785	6.579
%RSD	.2593190	.0987421	.2053025	.2777186	.2333107
#1	1725.435	1732.035	38060.65	7506.624	2812.685
#2	1721.607	1730.622	38081.24	7480.200	2825.521
#3	1730.528	1728.634	38205.30	7465.620	2821.609

Sample Name: K3403-11 Acquired: 06/25/2019 13:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.372101	.0367350	1.461993	-.054355	.0089183	39.18782
Stddev	.004882	.0014742	.003136	.001130	.0009055	.16626
%RSD	.3558372	4.013028	.2145121	2.078719	10.15382	.4242665

#1	1.371863	.0374275	1.459302	-.053722	.0099142	39.10954
#2	1.367342	.0377354	1.461241	-.055659	.0086966	39.37877
#3	1.377098	.0350420	1.465437	-.053684	.0081443	39.07514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8468871	.0063978	.0697704	15.36830	-.015132	.1375784
Stddev	.0062435	.0000807	.0003446	.12714	.000595	.0005880
%RSD	.7372336	1.261798	.4938370	.8273012	3.934087	.4273826

#1	.8478265	.0063404	.0699756	15.36611	-.014634	.1382381
#2	.8526076	.0063628	.0693726	15.49652	-.015792	.1371096
#3	.8402270	.0064901	.0699630	15.24227	-.014972	.1373877

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638542	341.8499	F 75.21481	11.40226	.0891087	.0161848
Stddev	.003440	1.7524	1.28492	.02505	.0005539	.0000749
%RSD	.2099666	.5126330	1.708340	.2197276	.6215760	.4630069

#1	1.635181	341.5311	74.07548	11.38861	.0895908	.0161953
#2	1.642057	343.7398	76.60757	11.43118	.0885037	.0162540
#3	1.638390	340.2787	74.96138	11.38700	.0892317	.0161052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.974118	.3423184	13.76789	14.23530	F 11.27167	-.073866
Stddev	.198100	.0026192	.05212	.01122	.01910	.003854
%RSD	20.33635	.7651465	.3785895	.0788019	.1694473	5.217427

#1	-1.19177	.3406325	13.71169	14.22235	11.28336	-.071505
#2	-.80434	.3453359	13.77734	14.24152	11.24963	-.078313
#3	-.92625	.3409868	13.81465	14.24203	11.28202	-.071779

Sample Name: K3403-11 Acquired: 06/25/2019 13:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393911	46.11679	1.666165	.0136741	.4541226	.0187967
Stddev	.0001821	.07067	.013986	.0013541	.0023756	.0004494
%RSD	.4622267	.1532450	.8394043	9.902516	.5231133	2.390613
#1	.0391836	46.03536	1.679743	.0127975	.4546405	.0188004
#2	.0394655	46.16212	1.666948	.0129911	.4561965	.0183455
#3	.0395242	46.15290	1.651804	.0152337	.4515308	.0192442

Elem	Sr4077
Units	ppm
Avg	.0541182
Stddev	.0001009
%RSD	.1864122
#1	.0540026
#2	.0541885
#3	.0541635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.693	2406.363	52720.70	10309.56	2820.169
Stddev	12.223	4.234	182.54	95.52	4.526
%RSD	.5112621	.1759474	.3462459	.9264989	.1604859
#1	2396.104	2401.491	52778.49	10322.70	2815.739
#2	2376.698	2408.449	52516.26	10208.16	2824.785
#3	2399.276	2409.149	52867.36	10397.83	2819.982

Sample Name: K3403-15 Acquired: 06/25/2019 14:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3054428	.0303196	.8099778	-.012533	.0062371	17.34949
Stddev	.0016956	.0011489	.0008121	.000907	.0014281	.02953
%RSD	.5551287	3.789286	.1002567	7.233693	22.89678	.1701850

#1	.3043307	.0314147	.8104959	-.011989	.0045882	17.38293
#2	.3073944	.0291236	.8103956	-.012031	.0070782	17.33850
#3	.3046034	.0304206	.8090419	-.013580	.0070450	17.32703

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2141192	.0012652	.0044807	8.696324	-.008469	.0054724
Stddev	.0014029	.0000565	.0001552	.036337	.000370	.0001105
%RSD	.6551792	4.461502	3.464398	.4178380	4.371125	2.018950

#1	.2156996	.0012240	.0043067	8.737966	-.008883	.0053982
#2	.2136366	.0012421	.0045305	8.671053	-.008171	.0054195
#3	.2130213	.0013296	.0046050	8.679954	-.008352	.0055993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6986065	83.74869	F 39.36822	.9594103	.0028014	.1011332
Stddev	.0011338	.11101	.07842	.0165033	.0000969	.0010749
%RSD	.1622969	.1325468	.1991912	1.720146	3.457622	1.062836

#1	.6996268	83.83026	39.45575	.9697665	.0028081	.1010081
#2	.6973859	83.79353	39.34457	.9680857	.0028948	.1001264
#3	.6988069	83.62228	39.30436	.9403787	.0027014	.1022652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.167159	.0964924	.8536594	18.37063	1.653343	-.011160
Stddev	.094848	.0005456	.0152419	.09418	.006085	.002321
%RSD	4.376592	.5654516	1.785473	.5126876	.3680581	20.79503

#1	2.241721	.0966192	.8665210	18.26322	1.650056	-.009516
#2	2.060405	.0958945	.8368244	18.43910	1.649609	-.013814
#3	2.199351	.0969634	.8576329	18.40957	1.660365	-.010149

Sample Name: K3403-15 Acquired: 06/25/2019 14:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178553	25.07209	3.144999	.0054179	.1403858	-.000319
Stddev	.0003605	.08140	.019146	.0006542	.0007893	.000707
%RSD	2.019094	.3246812	.6087859	12.07545	.5622607	221.7629
#1	.0174622	25.15689	3.136220	.0055603	.1401898	-.000789
#2	.0181705	24.99457	3.166960	.0047042	.1397128	.000495
#3	.0179333	25.06480	3.131816	.0059892	.1412546	-.000662

Elem	Sr4077
Units	ppm
Avg	.5910315
Stddev	.0027550
%RSD	.4661311
#1	.5880176
#2	.5934200
#3	.5916568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.511	2082.664	45394.69	8890.485	2885.414
Stddev	17.841	4.225	202.45	16.536	5.595
%RSD	.8554718	.2028636	.4459780	.1859958	.1939173
#1	2073.809	2086.930	45315.84	8886.991	2890.008
#2	2106.046	2078.482	45624.70	8875.975	2879.183
#3	2076.679	2082.579	45243.53	8908.488	2887.052

Sample Name: K3403-14 Acquired: 06/25/2019 13:58:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5448827	.0080786	1.393035	-.015110	.0146364	22.54884
Stddev	.0046612	.0029643	.002318	.001842	.0006278	.11350
%RSD	.8554443	36.69351	.1664157	12.19006	4.289004	.5033436

#1	.5457025	.0114662	1.391070	-.015886	.0144588	22.47602
#2	.5398660	.0068097	1.392444	-.013007	.0141166	22.67962
#3	.5490796	.0059600	1.395592	-.016437	.0153338	22.49089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120746	.0030169	.0115079	6.739377	.0167131	.0465413
Stddev	.010463	.0001220	.0002057	.068499	.0002080	.0002403
%RSD	.9335718	4.043015	1.787586	1.016402	1.244522	.5163585

#1	1.113943	.0029747	.0112822	6.673482	.0165920	.0467146
#2	1.132794	.0029216	.0115566	6.810213	.0169532	.0466424
#3	1.115500	.0031543	.0116849	6.734438	.0165940	.0462670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.133944	66.91200	F 42.93213	3.497000	.0194267	.0260793
Stddev	.006825	.33194	.31846	.021587	.0000856	.0003257
%RSD	.6018626	.4960820	.7417837	.6172920	.4407663	1.248904

#1	1.130735	66.67757	42.70775	3.474842	.0193397	.0262826
#2	1.141781	67.29182	43.29663	3.517967	.0195109	.0257036
#3	1.129314	66.76660	42.79201	3.498191	.0194296	.0262517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1815276	.2165138	.7727614	6.379904	2.497984	-.013846
Stddev	.0706402	.0019972	.0099370	.076199	.005420	.001312
%RSD	38.91428	.9224532	1.285912	1.194356	.2169567	9.475604

#1	.1157422	.2142093	.7842003	6.291944	2.491952	-.014009
#2	.1726562	.2175881	.7662618	6.422014	2.502444	-.012460
#3	.2561845	.2177439	.7678222	6.425754	2.499555	-.015069

Sample Name: K3403-14 Acquired: 06/25/2019 13:58:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495279	.5285598	1.351326	.0101042	.4221610	.0155000
Stddev	.0005555	.0032842	.015507	.0007158	.0015236	.0009563
%RSD	1.121542	.6213504	1.147513	7.084723	.3609131	6.169821

#1	.0492574	.5248035	1.334826	.0097893	.4221854	.0160269
#2	.0491596	.5308892	1.365597	.0095997	.4236722	.0160770
#3	.0501668	.5299867	1.353556	.0109235	.4206253	.0143961

Elem	Sr4077
Units	ppm
Avg	.1545720
Stddev	.0002917
%RSD	.1886858

#1	.1545693
#2	.1548650
#3	.1542817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.495	2161.276	46968.57	9257.408	2873.906
Stddev	15.741	3.673	302.83	57.816	2.511
%RSD	.7309664	.1699383	.6447564	.6245381	.0873702

#1	2135.435	2157.587	46700.64	9317.280	2876.500
#2	2164.309	2164.933	47297.13	9201.895	2871.487
#3	2160.739	2161.307	46907.95	9253.048	2873.730

Sample Name: K3403-16 Acquired: 06/25/2019 14:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8944421	.1067788	4.048055	-.024819	.0215884	8.824172
Stddev	.0037458	.0006585	.003460	.004291	.0009508	.022033
%RSD	.4187893	.6166582	.0854727	17.28724	4.404358	.2496926

#1	.8953674	.1073905	4.044067	-.019865	.0226116	8.818917
#2	.8903203	.1060819	4.050258	-.027311	.0214216	8.848358
#3	.8976386	.1068640	4.049838	-.027281	.0207320	8.805242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911477	.0019237	.0206328	8.392578	-.027063	.0379430
Stddev	.014835	.0000663	.0000569	.060325	.000829	.0003639
%RSD	.5095379	3.448562	.2757772	.7187947	3.062998	.9591284

#1	2.910229	.0019582	.0206900	8.367296	-.026133	.0375228
#2	2.926897	.0019657	.0206321	8.461431	-.027333	.0381541
#3	2.897305	.0018472	.0205762	8.349008	-.027724	.0381521

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121842	80.01664	F 143.5713	1.277986	.0131419	.1185276
Stddev	.004114	.25760	1.7499	.010002	.0003992	.0004905
%RSD	.3667364	.3219345	1.218827	.7826432	3.037417	.4137997

#1	1.122122	79.97596	141.5550	1.266786	.0129962	.1179705
#2	1.125809	80.29216	144.6924	1.281147	.0135934	.1187175
#3	1.117595	79.78180	144.4667	1.286026	.0128360	.1188946

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2834933	.3105734	2.389295	11.08995	4.755915	-.017345
Stddev	.3295651	.0019198	.022265	.05631	.009118	.001330
%RSD	116.2515	.6181330	.9318757	.5077561	.1917294	7.667038

#1	.1410761	.3094795	2.385683	11.12818	4.751252	-.018662
#2	.0490858	.3127900	2.413145	11.02529	4.750072	-.016003
#3	.6603179	.3094505	2.369056	11.11640	4.766422	-.017370

Sample Name: K3403-16 Acquired: 06/25/2019 14:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2134220	3.759450	1.057182	.0060902	.0412406	.0014106
Stddev	.0003969	.005168	.006394	.0022697	.0004944	.0006110
%RSD	.1859552	.1374679	.6047997	37.26747	1.198807	43.31445

#1	.2134072	3.756177	1.056666	.0051084	.0406918	.0007156
#2	.2130328	3.765408	1.051062	.0044767	.0416513	.0018633
#3	.2138261	3.756766	1.063818	.0086855	.0413787	.0016530

Elem	Sr4077
Units	ppm
Avg	1.558550
Stddev	.004453
%RSD	.2856974

#1	1.559011
#2	1.553885
#3	1.562755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.980	2758.110	59467.54	11820.06	2838.771
Stddev	14.391	7.618	242.84	32.99	4.844
%RSD	.5255991	.2761971	.4083533	.2790900	.1706325

#1	2751.573	2752.308	59659.79	11844.69	2835.419
#2	2722.906	2766.737	59194.64	11832.92	2844.325
#3	2739.461	2755.284	59548.20	11782.58	2836.570

Sample Name: K3403-17 Acquired: 06/25/2019 14:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160694	-.002281	.1706887	-.002895	.0010888	22.83619	.5904767
Stddev	.0025018	.002739	.0013328	.001458	.0006589	.03537	.0035661
%RSD	2.155470	120.0937	.7808519	50.37221	60.51704	.1548883	.6039298

#1	.1157883	-.001715	.1691527	-.002095	.0017137	22.83789	.5937801
#2	.1187000	-.005258	.1715406	-.002012	.0004005	22.87068	.5909539
#3	.1137200	.000131	.1713727	-.004578	.0011521	22.80000	.5866961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064282	.0033192	23.26996	-.000834	.0135628	.1415389	27.85187
Stddev	.0000711	.0000422	.10216	.000110	.0001579	.0007156	.09718
%RSD	1.106376	1.270142	.4390030	13.15664	1.164054	.5056173	.3489005

#1	.0063502	.0033648	23.38750	-.000954	.0136602	.1413490	27.92941
#2	.0064893	.0033112	23.21987	-.000808	.0136475	.1409374	27.74286
#3	.0064452	.0032816	23.20253	-.000739	.0133806	.1423304	27.88334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.190878	7.800155	.0103799	-.002546	.0391388	.0724897	.3202498
Stddev	.023999	.056468	.0004823	.000281	.2176767	.0013677	.0015797
%RSD	.3337392	.7239399	4.646102	11.03981	556.1661	1.886694	.4932782

#1	7.218563	7.859946	.0101935	-.002245	.2845373	.0726991	.3220660
#2	7.178088	7.747732	.0100187	-.002802	-.036467	.0737405	.3194883
#3	7.175984	7.792786	.0109275	-.002590	-.130654	.0710294	.3191951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.431920	2.159956	-.007971	.0056376	.1053563	.9247972	.0021977
Stddev	.012806	.009282	.000536	.0001362	.0024663	.0025943	.0017876
%RSD	.1518754	.4297408	6.719064	2.415688	2.340955	.2805309	81.33785

#1	8.431118	2.153781	-.008239	.0055875	.1081348	.9248974	.0006681
#2	8.419534	2.155456	-.008320	.0055336	.1034262	.9221542	.0041628
#3	8.445108	2.170630	-.007354	.0057918	.1045078	.9273399	.0017622

Sample Name: K3403-17 Acquired: 06/25/2019 14:10:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1380367	.0205882	.1584403
Stddev	.0004090	.0008418	.0003961
%RSD	.2962921	4.088478	.2500208

#1	.1376738	.0210775	.1583631
#2	.1384799	.0196163	.1580885
#3	.1379565	.0210709	.1588694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.107	2389.466	52369.75	10396.51	2871.496
Stddev	15.108	4.090	458.17	48.64	1.422
%RSD	.6292138	.1711858	.8748841	.4678648	.0495381

#1	2386.330	2388.944	51893.29	10347.57	2872.717
#2	2416.525	2393.793	52807.14	10444.85	2871.837
#3	2400.465	2385.662	52408.84	10397.10	2869.934

Sample Name: K3403-19 Acquired: 06/25/2019 14:18:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3435543	.0139934	.5123237	-.029286	.0081855	40.08738	.7172993
Stddev	.0031224	.0022829	.0023719	.004228	.0004238	.23519	.0066403
%RSD	.9088605	16.31415	.4629793	14.43744	5.178084	.5867052	.9257414

#1	.3447246	.0155030	.5150268	-.028368	.0082173	39.83069	.7145413
#2	.3459225	.0113671	.5105899	-.033897	.0085925	40.29252	.7248742
#3	.3400158	.0151100	.5113544	-.025592	.0077466	40.13893	.7124824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040678	.0045056	13.07071	-.007668	.0429954	.3730844	228.8101
Stddev	.0000398	.0001609	.12697	.000310	.0001961	.0059213	1.4014
%RSD	.9782093	3.570133	.9714106	4.043240	.4561890	1.587108	.6124858

#1	.0040358	.0043491	12.99665	-.007326	.0427742	.3663322	228.5319
#2	.0041123	.0044973	13.21732	-.007747	.0430639	.3773919	230.3298
#3	.0040551	.0046705	12.99816	-.007931	.0431482	.3755290	227.5686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39048	9.979561	.0179291	.0004068	-.221680	.1576955	.4614517
Stddev	.12830	.088003	.0007830	.0003568	.204922	.0021158	.0033829
%RSD	.8336573	.8818308	4.367086	87.71959	92.44039	1.341709	.7331012

#1	15.32244	9.936259	.0184691	.0001777	-.253367	.1556529	.4603334
#2	15.53847	10.08083	.0182870	.0008180	-.408913	.1598777	.4652521
#3	15.31052	9.92160	.0170311	.0002248	-.002760	.1575560	.4587695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.37314	7.346377	-.036574	.0200751	7.415789	1.441238	.0080995
Stddev	.12948	.017094	.001127	.0002090	.004864	.007386	.0007890
%RSD	.6683490	.2326920	3.081976	1.040943	.0655858	.5124692	9.740827

#1	19.35917	7.334841	-.035277	.0200073	7.418528	1.440820	.0083389
#2	19.50905	7.338273	-.037135	.0199084	7.410174	1.448823	.0072185
#3	19.25122	7.366016	-.037312	.0203095	7.418666	1.434069	.0087410

Sample Name: K3403-19 Acquired: 06/25/2019 14:18:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8564655	.0137991	.2472872
Stddev	.0042619	.0013331	.0007422
%RSD	.4976179	9.660988	.3001529

#1	.8527560	.0150378	.2478051
#2	.8611209	.0139712	.2476197
#3	.8555196	.0123882	.2464369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.380	1952.761	42619.65	8374.107	2825.397
Stddev	11.885	.803	112.02	27.228	3.616
%RSD	.6084507	.0411236	.2628428	.3251492	.1279696

#1	1966.968	1952.687	42682.94	8398.822	2826.073
#2	1948.261	1953.599	42685.71	8344.919	2828.626
#3	1944.912	1951.998	42490.31	8378.581	2821.491

Sample Name: K3403-20 Acquired: 06/25/2019 14:22:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8919894	.0124670	1.072458	-.017775	.0105646	9.594567	.1186983
Stddev	.0032256	.0024031	.004037	.001994	.0006680	.007315	.0005722
%RSD	.3616136	19.27549	.3764374	11.21901	6.322802	.0762365	.4820187

#1	.8913184	.0098157	1.074870	-.019542	.0111870	9.601740	.1183310
#2	.8954977	.0130836	1.067797	-.015613	.0098588	9.594843	.1193575
#3	.8891522	.0145018	1.074706	-.018169	.0106479	9.587119	.1184064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024592	.0022695	23.94827	-.013693	.0113124	.4110583	162.2191
Stddev	.0000293	.0000483	.04911	.000448	.0000349	.0010961	.3070
%RSD	1.193248	2.128460	.2050789	3.269486	.3083579	.2666625	.1892243

#1	.0024529	.0022367	23.98778	-.014210	.0112936	.4107806	161.8765
#2	.0024336	.0022469	23.89328	-.013446	.0113527	.4101277	162.4691
#3	.0024912	.0023250	23.96376	-.013424	.0112909	.4122666	162.3117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.795532	.7203182	.0019319	.0430964	.9045877	.0321157	.1917793
Stddev	.001700	.0130113	.0002117	.0006770	.1797042	.0015681	.0034339
%RSD	.0946692	1.806331	10.95942	1.570816	19.86586	4.882527	1.790567

#1	1.793688	.7349461	.0018436	.0431004	.8248151	.0321791	.1889335
#2	1.797036	.7159729	.0021734	.0437714	1.110368	.0336511	.1908109
#3	1.795871	.7100355	.0017786	.0424175	.778580	.0305170	.1955934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.74613	2.756625	-.017565	.0910786	48.99000	.8581267	.0038001
Stddev	.05600	.012887	.004915	.0001424	.04622	.0021420	.0007185
%RSD	.2462041	.4674971	27.98375	.1564013	.0943377	.2496155	18.90611

#1	22.74597	2.766790	-.023181	.0912008	49.03470	.8598725	.0044050
#2	22.69020	2.742131	-.015472	.0909221	48.99289	.8587712	.0030060
#3	22.80221	2.760955	-.014043	.0911130	48.94240	.8557364	.0039893

Sample Name: K3403-20 Acquired: 06/25/2019 14:22:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0154963	-.000360	.1046188
Stddev	.0016244	.000997	.0003354
%RSD	10.48242	276.9066	.3206164

#1	.0136238	-.000213	.1043454
#2	.0165267	-.001422	.1049931
#3	.0163384	.000555	.1045179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.222	1767.416	38694.29	7676.084	2870.709
Stddev	8.304	1.963	187.04	28.237	2.549
%RSD	.4677821	.1110847	.4833874	.3678551	.0887813

#1	1765.697	1765.918	38581.88	7649.860	2869.668
#2	1779.032	1766.690	38590.78	7705.976	2868.846
#3	1780.938	1769.638	38910.21	7672.416	2873.613

Sample Name: K3403-21 Acquired: 06/25/2019 14:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.781863	.1998607	4.560296	-.033579	.0238106	9.294581
Stddev	.006532	.0032268	.006588	.004059	.0009005	.040841
%RSD	.2347909	1.614548	.1444670	12.08757	3.782060	.4394082

#1	2.774358	.2002086	4.553517	-.036170	.0246779	9.338648
#2	2.784968	.1964740	4.566675	-.035666	.0238739	9.258002
#3	2.786262	.2028995	4.560694	-.028901	.0228802	9.287094

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.449308	.0025296	.0070588	6.406004	-.034459	.0092046
Stddev	.018923	.0000802	.0001038	.123710	.000373	.0002536
%RSD	1.305670	3.172514	1.471044	1.931156	1.081120	2.754729

#1	1.467909	.0025096	.0069424	6.541707	-.034748	.0094838
#2	1.430079	.0026180	.0071420	6.299517	-.034038	.0091412
#3	1.449935	.0024612	.0070919	6.376787	-.034589	.0089887

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2669662	324.6132	F 33.02407	.3565729	.0030148	.6379302
Stddev	.0013336	2.6457	.37646	.0222873	.0003212	.0018483
%RSD	.4995276	.8150274	1.139971	6.250406	10.65477	.2897417

#1	.2683664	326.9419	33.37651	.3577311	.0031579	.6362450
#2	.2657112	321.7364	32.62748	.3337291	.0026469	.6399070
#3	.2668209	325.1612	33.06823	.3782584	.0032396	.6376384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.268781	.1397018	1.224463	41.09884	3.585751	-.041144
Stddev	.125784	.0014605	.006957	.07086	.012442	.005013
%RSD	3.848045	1.045479	.5681570	.1724070	.3469790	12.18496

#1	3.399434	.1392565	1.219272	41.15770	3.589859	-.043285
#2	3.258401	.1413332	1.232368	41.11862	3.571775	-.035416
#3	3.148509	.1385157	1.221750	41.02019	3.595619	-.044731

Sample Name: K3403-21 Acquired: 06/25/2019 14:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4119923	82.38875	.7910922	.0097164	.0155474	-.003218
Stddev	.0004905	.26874	.0114318	.0009736	.0007983	.001436
%RSD	.1190518	.3261827	1.445067	10.01969	5.134807	44.62156
#1	.4125435	82.69198	.8024924	.0098549	.0163918	-.002721
#2	.4118298	82.18004	.7796290	.0086809	.0148049	-.004836
#3	.4116037	82.29423	.7911552	.0106132	.0154455	-.002097

Elem	Sr4077
Units	ppm
Avg	1.579918
Stddev	.003409
%RSD	.2157761
#1	1.577870
#2	1.578031
#3	1.583853

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.838	1986.984	43270.26	8562.981	2827.884
Stddev	9.457	3.550	271.34	104.245	2.309
%RSD	.4769596	.1786571	.6270796	1.217397	.0816470
#1	1987.769	1988.858	43433.24	8479.212	2828.891
#2	1971.934	1982.890	42957.03	8679.727	2825.243
#3	1988.811	1989.203	43420.50	8530.006	2829.519

Sample Name: K3404-01 Acquired: 06/25/2019 14:34:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9253911	.0090653	1.264545	-.010140	.0107796	6.698667	.0261066
Stddev	.0085408	.0015043	.002691	.000412	.0009858	.013211	.0005069
%RSD	.9229435	16.59414	.2128305	4.067213	9.145425	.1972159	1.941750

#1	.9324581	.0105301	1.267594	-.010610	.0116068	6.686211	.0255290
#2	.9159003	.0091413	1.263540	-.009973	.0096888	6.712521	.0263131
#3	.9278150	.0075244	1.262501	-.009837	.0110433	6.697268	.0264777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023041	.0024504	3.052814	-.010173	.0033607	.1314956	105.3664
Stddev	.0000931	.0000900	.054636	.000166	.0002122	.0002922	.3292
%RSD	4.039594	3.672126	1.789681	1.629797	6.314895	.2222084	.3124629

#1	.0022018	.0024438	2.998301	-.010307	.0035880	.1314750	105.0166
#2	.0023266	.0025435	3.052569	-.009987	.0033264	.1312143	105.4123
#3	.0023839	.0023638	3.107571	-.010224	.0031677	.1317976	105.6702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.659873	.2832572	.0001906	.0617740	-.209496	.0085660	1.046159
Stddev	.011317	.0072802	.0006334	.0004012	.185937	.0009979	.004532
%RSD	.4254848	2.570161	332.2895	.6494604	88.75475	11.64954	.4332259

#1	2.648109	.2895573	.0008008	.0622314	-.338811	.0076906	1.051065
#2	2.660827	.2752871	-.000464	.0614819	.003590	.0096526	1.045282
#3	2.670684	.2849271	.000235	.0616086	-.293267	.0083547	1.042128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.260685	.9911808	-.005905	.0506888	7.106450	1.271839	.0026526
Stddev	.046329	.0028271	.000401	.0003798	.020138	.006248	.0006110
%RSD	.5608385	.2852220	6.799787	.7493648	.2833749	.4912321	23.03508

#1	8.241159	.9942412	-.006235	.0510770	7.106552	1.278105	.0023173
#2	8.227315	.9886668	-.006021	.0506715	7.126536	1.265610	.0022826
#3	8.313580	.9906344	-.005458	.0503179	7.086260	1.271801	.0033578

Sample Name: K3404-01 Acquired: 06/25/2019 14:34:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0051391	-.001725	.0160713
Stddev	.0006948	.000233	.0000439
%RSD	13.51985	13.49590	.2731495

#1	.0057490	-.001750	.0160940
#2	.0052855	-.001944	.0160992
#3	.0043827	-.001480	.0160207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.565	1866.166	40577.97	7999.522	2921.726
Stddev	5.945	1.121	190.99	10.023	2.348
%RSD	.3195062	.0600593	.4706655	.1252980	.0803611

#1	1853.743	1867.442	40357.96	8008.775	2922.664
#2	1863.319	1865.340	40700.99	8000.917	2919.054
#3	1864.633	1865.717	40674.99	7988.875	2923.460

Sample Name: K3403-22 Acquired: 06/25/2019 14:30:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9492777	.0076926	16.23237	-.014765	.0873659	4.434247	.0192441
Stddev	.0060784	.0006594	.00218	.002166	.0020752	.021839	.0002720
%RSD	.6403189	8.571936	.0134002	14.67313	2.375321	.4925051	1.413642

#1	.9443507	.0069515	16.23487	-.012864	.0891015	4.413031	.0194366
#2	.9474121	.0079117	16.23091	-.014307	.0850672	4.456659	.0189329
#3	.9560702	.0082146	16.23133	-.017124	.0879288	4.433050	.0193628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022102	.0423581	33.10450	-.015848	.0078501	1.979438	111.9411
Stddev	.0000646	.0001776	.28615	.000348	.0002365	.012835	.7768
%RSD	2.921993	.4191543	.8643852	2.198290	3.012337	.6484386	.6939452

#1	.0022798	.0422202	32.83217	-.016123	.0078630	1.969402	111.2530
#2	.0021522	.0425584	33.40271	-.015965	.0080798	1.993901	112.7835
#3	.0021987	.0422956	33.07863	-.015456	.0076074	1.975010	111.7869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.43292	1.102431	-.000421	.1935868	.1489541	.0230365	10.06206
Stddev	.18059	.032419	.000365	.0004147	.1717976	.0014933	.06250
%RSD	.8050428	2.940693	86.61064	.2141964	115.3359	6.482304	.6211358

#1	22.27400	1.077278	-.000652	.1932427	.2889785	.0230033	9.99165
#2	22.62931	1.139018	-.000611	.1934705	-.042752	.0245461	10.11095
#3	22.39546	1.090998	-.000001	.1940472	.200635	.0215601	10.08360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.937906	.2395131	-.009902	.0329064	65.69040	.8755047	.0040138
Stddev	.035511	.0037117	.001622	.0002229	.06874	.0035392	.0005585
%RSD	.3573253	1.549676	16.38412	.6775106	.1046351	.4042475	13.91457

#1	9.912099	.2374615	-.010809	.0329843	65.68517	.8748154	.0035674
#2	9.978405	.2372801	-.010868	.0326549	65.76160	.8793379	.0038339
#3	9.923214	.2437977	-.008029	.0330799	65.62443	.8723610	.0046401

Sample Name: K3403-22 Acquired: 06/25/2019 14:30:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0219134	-.000050	.3361562
Stddev	.0017954	.000380	.0002169
%RSD	8.193066	761.9262	.0645203

#1	.0239678	-.000461	.3360323
#2	.0206453	.000023	.3360297
#3	.0211272	.000289	.3364066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.727	1798.134	39418.97	7697.585	2869.412
Stddev	7.910	1.699	255.92	51.959	4.707
%RSD	.4378293	.0945038	.6492214	.6750101	.1640348

#1	1813.973	1798.000	39371.43	7700.319	2864.201
#2	1798.288	1799.897	39190.16	7644.313	2870.681
#3	1807.921	1796.506	39695.32	7748.124	2873.354

Sample Name: K3404-07 Acquired: 06/25/2019 14:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.321948	.0534502	24.56381	-.079273	.0442429	38.67320
Stddev	.007966	.0007269	.03157	.001665	.0023017	.22336
%RSD	.1843185	1.360015	.1285090	2.100621	5.202338	.5775652

#1	4.316141	.0527067	24.53065	-.078817	.0460563	38.70725
#2	4.318674	.0541593	24.56727	-.077883	.0416536	38.43476
#3	4.331030	.0534846	24.59350	-.081119	.0450189	38.87758

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.627758	.0048048	.0717055	20.97404	-.064393	.2523546
Stddev	.023731	.0000233	.0003944	.23955	.000376	.0004668
%RSD	.9031077	.4847933	.5500835	1.142141	.5838555	.1849697

#1	2.646017	.0047796	.0712590	21.08027	-.064681	.2518189
#2	2.600933	.0048255	.0718507	20.69974	-.063968	.2526740
#3	2.636325	.0048092	.0720067	21.14211	-.064529	.2525708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.763592	414.4833	F 247.7043	9.195775	.0470433	.3748214
Stddev	.011694	1.8987	1.9586	.053138	.0002508	.0034133
%RSD	.4231376	.4580959	.7906812	.5778527	.5330468	.9106391

#1	2.755070	416.1068	248.4359	9.156194	.0467806	.3758957
#2	2.758782	412.3955	245.4853	9.174961	.0470692	.3710003
#3	2.776923	414.9477	249.1918	9.256169	.0472801	.3775683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.280801	.4474883	7.330812	28.14833	9.004291	-.100776
Stddev	.150318	.0012123	.023932	.09339	.027640	.007657
%RSD	53.53186	.2709175	.3264566	.3317949	.3069668	7.598153

#1	-.442894	.4486756	7.350927	28.22177	8.998373	-.095042
#2	-.253511	.4462524	7.304345	28.04322	8.980088	-.097816
#3	-.145997	.4475370	7.337164	28.18000	9.034410	-.109472

Sample Name: K3404-07 Acquired: 06/25/2019 14:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1280583	26.58475	2.904284	.0157197	.9734911	.0106422
Stddev	.0003386	.04750	.013338	.0010076	.0046355	.0017186
%RSD	.2644256	.1786892	.4592377	6.409597	.4761677	16.14921
#1	.1281529	26.53523	2.899593	.0147359	.9760855	.0126129
#2	.1276825	26.58909	2.893927	.0156737	.9681394	.0094539
#3	.1283396	26.62994	2.919334	.0167495	.9762485	.0098600

Elem	Sr4077
Units	ppm
Avg	.5025379
Stddev	.0008718
%RSD	.1734717
#1	.5025496
#2	.5034038
#3	.5016604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.281	2029.583	44055.22	8586.171	2795.692
Stddev	17.081	3.938	434.61	54.983	3.197
%RSD	.8314647	.1940093	.9865178	.6403713	.1143604
#1	2035.971	2026.259	43598.30	8530.199	2796.804
#2	2069.785	2033.932	44463.41	8640.110	2798.185
#3	2057.088	2028.558	44103.95	8588.204	2792.087

Sample Name: K3404-08 Acquired: 06/25/2019 14:50:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.437146	.0227966	1.088102	-.016543	.0326119	24.93517	.2871664
Stddev	.007778	.0013679	.000330	.001285	.0020541	.12294	.0036054
%RSD	.5412339	6.000370	.0303060	7.765346	6.298714	.4930411	1.255507

#1	1.445720	.0241985	1.088455	-.015284	.0321236	24.80741	.2832870
#2	1.430542	.0227258	1.088050	-.017852	.0348662	25.05265	.2904143
#3	1.435176	.0214654	1.087802	-.016495	.0308460	24.94544	.2877979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045012	.0131979	4.147001	-.001263	.0135955	.7521180	93.63940
Stddev	.0000225	.0001582	.062837	.000157	.0002456	.0010549	.60567
%RSD	.5005177	1.198467	1.515245	12.40363	1.806180	.1402543	.6468091

#1	.0044875	.0132844	4.080759	-.001106	.0133699	.7509974	92.98102
#2	.0045272	.0130153	4.205764	-.001265	.0135595	.7530918	94.17288
#3	.0044889	.0132939	4.154480	-.001419	.0138570	.7522646	93.76429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.39277	2.499774	.0127855	.0174858	-.024864	.1337860	1.674803
Stddev	.22573	.047815	.0001784	.0001720	.169978	.0015952	.007662
%RSD	1.008047	1.912780	1.395677	.9838721	683.6397	1.192363	.4574864

#1	22.13901	2.450864	.0125796	.0176792	-.112925	.1329472	1.678044
#2	22.57121	2.546414	.0128817	.0174282	.171076	.1327851	1.666054
#3	22.46808	2.502044	.0128952	.0173499	-.132743	.1356256	1.680312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.959458	2.176411	-.017451	.0343786	.3814140	1.426479	.0200740
Stddev	.006564	.008388	.001131	.0001509	.0028605	.011146	.0005536
%RSD	.0732630	.3854037	6.481320	.4389759	.7499742	.7813567	2.757716

#1	8.957065	2.179872	-.017210	.0342229	.3797432	1.415510	.0200107
#2	8.966883	2.166846	-.018683	.0345242	.3847170	1.437793	.0195548
#3	8.954427	2.182514	-.016459	.0343889	.3797819	1.426134	.0206565

Sample Name: K3404-08 Acquired: 06/25/2019 14:50:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1239695	.0032388	.3005792
Stddev	.0011990	.0005989	.0004976
%RSD	.9671771	18.49154	.1655625

#1	.1225857	.0034356	.3000439
#2	.1246231	.0037146	.3010278
#3	.1246997	.0025663	.3006658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.738	2755.637	60145.16	11768.93	2924.276
Stddev	18.631	5.495	289.34	162.30	6.645
%RSD	.6731329	.1994178	.4810647	1.379098	.2272285

#1	2789.242	2751.744	60230.75	11939.55	2917.763
#2	2757.502	2753.243	59822.68	11616.46	2924.020
#3	2756.468	2761.923	60382.04	11750.77	2931.045

Sample Name: CCB012 Acquired: 06/25/2019 15:02:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003318	-.001256	.0030485	.0030853	.0018312	.0243364	-.000084
Stddev	.002028	.001592	.0017450	.0005986	.0009344	.0133369	.000704
%RSD	61.10903	126.7398	57.24108	19.40112	51.02646	54.80228	834.5082

#1	-.001182	.000561	.0019500	.0036069	.0010449	.0254452	.000643
#2	-.003557	-.001927	.0021348	.0032174	.0028642	.0370843	-.000135
#3	-.005216	-.002402	.0050606	.0024317	.0015844	.0104797	-.000761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	.0002410	.0263988	.0001893	-.000316	.0047161	.0212927
Stddev	.000088	.0000212	.0145855	.0000258	.000125	.0022402	.0021148
%RSD	46.23003	8.789723	55.25089	13.65111	39.57530	47.50121	9.931893

#1	-.000291	.0002654	.0097461	.0001700	-.000446	.0027617	.0236084
#2	-.000137	.0002305	.0369058	.0002187	-.000196	.0071608	.0194639
#3	-.000141	.0002272	.0325443	.0001792	-.000305	.0042258	.0208056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018232	.0387906	-.001791	.0000113	-.034949	-.003961	.0026623
Stddev	.0002487	.0074427	.000211	.0003821	.278982	.001773	.0007586
%RSD	13.63859	19.18686	11.79878	3377.577	798.2442	44.75468	28.49436

#1	.0020634	.0473788	-.001959	-.000428	-.305451	-.003036	.0030610
#2	.0018395	.0342209	-.001860	.000268	-.051198	-.006005	.0031385
#3	.0015668	.0347721	-.001554	.000194	.251801	-.002842	.0017875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9326238	-.002543	.0042210	.0006295	-.001546	-.002191	.0017656
Stddev	.0293517	.002307	.0002045	.0000941	.000825	.000664	.0001936
%RSD	3.147213	90.71758	4.844069	14.94792	53.36633	30.31101	10.96721

#1	.8987328	-.004834	.0041945	.0007350	-.001775	-.002946	.0019884
#2	.9493097	-.000221	.0040311	.0005991	-.002233	-.001935	.0016381
#3	.9498290	-.002574	.0044374	.0005543	-.000631	-.001693	.0016702

Sample Name: CCB012 Acquired: 06/25/2019 15:02:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003864	.0063368	.0002150
Stddev	.0011594	.0013640	.0001765
%RSD	300.0325	21.52577	82.08917

#1	.0008391	.0048478	.0004095
#2	.0012513	.0075260	.0001704
#3	-.000931	.0066367	.0000651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.753	1638.841	35603.41	6862.413	2836.074
Stddev	14.154	2.634	407.20	24.069	4.999
%RSD	.8594925	.1607054	1.143711	.3507432	.1762738

#1	1631.951	1635.865	35179.96	6841.160	2830.399
#2	1660.155	1640.869	35992.14	6857.530	2837.995
#3	1648.154	1639.791	35638.12	6888.550	2839.828

Sample Name: K3404-10 Acquired: 06/25/2019 15:06:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.591514	.0635523	16.20735	.4585311	.0264344	17.27496
Stddev	.002010	.0012801	.01117	.0030444	.0004183	.06787
%RSD	.1263204	2.014267	.0689178	.6639515	1.582338	.3928871

#1	1.593493	.0648776	16.21833	.4596202	.0261232	17.35002
#2	1.591575	.0623227	16.19600	.4550920	.0262701	17.25694
#3	1.589473	.0634566	16.20771	.4608812	.0269099	17.21792

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8053476	.0041612	.0623935	8.341576	-.033900	.1658402
Stddev	.0040711	.0000663	.0002923	.080692	.000407	.0006764
%RSD	.5055110	1.593832	.4684941	.9673467	1.201540	.4078921

#1	.8088869	.0042235	.0622859	8.388481	-.034000	.1656934
#2	.8062575	.0040915	.0621703	8.387845	-.034249	.1652493
#3	.8008986	.0041686	.0627244	8.248402	-.033453	.1665781

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885437	261.1641	F 107.1285	1.815378	.0820516	1.661013
Stddev	.006556	1.2843	.7679	.014362	.0003550	.004395
%RSD	.3477036	.4917630	.7167595	.7911231	.4327001	.2646184

#1	1.890106	262.2523	107.4068	1.831953	.0817617	1.657180
#2	1.888262	261.4926	107.7184	1.806637	.0824476	1.665810
#3	1.877942	259.7475	106.2603	1.807543	.0819456	1.660050

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331175	.3408880	5.217165	14.24125	F 12.27488	-.042659
Stddev	.082417	.0018463	.064686	.03825	.01715	.002135
%RSD	24.88626	.5416245	1.239872	.2686156	.1397454	5.004904

#1	-.251989	.3420855	5.142507	14.28255	12.28830	-.044074
#2	-.325054	.3418169	5.256483	14.23417	12.25555	-.040203
#3	-.416481	.3387617	5.252505	14.20703	12.28079	-.043700

Sample Name: K3404-10 Acquired: 06/25/2019 15:06:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988083	14.60486	1.407973	.0100657	.0962090	.0014418
Stddev	.0003886	.00877	.020893	.0006062	.0006069	.0005509
%RSD	.3933388	.0600627	1.483878	6.022416	.6308227	38.20918

#1	.0992554	14.59809	1.432083	.0102931	.0968970	.0020564
#2	.0985508	14.60173	1.396658	.0093787	.0959806	.0012763
#3	.0986187	14.61477	1.395179	.0105254	.0957494	.0009926

Elem	Sr4077
Units	ppm
Avg	1.175689
Stddev	.001785
%RSD	.1518450

#1	1.175317
#2	1.177631
#3	1.174119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.662	2870.597	62360.02	12224.83	2842.936
Stddev	27.155	3.166	541.93	100.36	2.521
%RSD	.9449600	.1103028	.8690385	.8209137	.0886895

#1	2903.768	2871.563	62914.52	12125.12	2845.201
#2	2851.017	2873.167	61831.60	12223.55	2843.387
#3	2866.202	2867.060	62333.96	12325.82	2840.219

Sample Name: K3404-11 Acquired: 06/25/2019 15:10:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.712584	.0359391	2.241280	-.054117	.0139211	58.85528
Stddev	.001840	.0024811	.001763	.002813	.0018328	.08447
%RSD	.1074528	6.903668	.0786548	5.198487	13.16563	.1435238

#1	1.714241	.0387922	2.239310	-.056649	.0155912	58.83523
#2	1.710603	.0347381	2.242710	-.054614	.0119603	58.78263
#3	1.712907	.0342871	2.241820	-.051089	.0142118	58.94797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9875831	.0086653	.0280896	68.62417	.0043430	.2837480
Stddev	.0049386	.0000778	.0002477	.31649	.0004396	.0004663
%RSD	.5000708	.8976934	.8817610	.4611991	10.12223	.1643342

#1	.9929417	.0087000	.0279668	68.93149	.0039974	.2833035
#2	.9832145	.0085762	.0279274	68.29923	.0048378	.2837070
#3	.9865930	.0087197	.0283747	68.64180	.0041937	.2842334

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9031167	311.5869	F 100.1142	25.32611	.2000410	.0246223
Stddev	.0039207	.1466	1.3606	.08716	.0004462	.0007050
%RSD	.4341281	.0470347	1.359013	.3441454	.2230588	2.863255

#1	.9026927	311.7401	99.1583	25.41141	.1996220	.0244637
#2	.8994253	311.5725	101.6719	25.32972	.1999907	.0253931
#3	.9072322	311.4480	99.5125	25.23720	.2005102	.0240101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246955	.3447240	5.460350	21.56822	F 10.90137	-.065440
Stddev	.215232	.0008999	.015836	.05021	.02825	.003776
%RSD	87.15443	.2610608	.2900225	.2327903	.2591570	5.769933

#1	-.305772	.3456167	5.472873	21.51355	10.86904	-.068803
#2	-.008428	.3438170	5.465629	21.57882	10.91381	-.061355
#3	-.426664	.3447382	5.442548	21.61228	10.92127	-.066160

Sample Name: K3404-11 Acquired: 06/25/2019 15:10:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541997	8.384098	2.072147	.0107534	1.099581	.0492102
Stddev	.0003548	.029740	.018394	.0015144	.001353	.0003120
%RSD	.6546953	.3547194	.8876964	14.08284	.1230609	.6339569
#1	.0541248	8.362908	2.090917	.0090197	1.101049	.0494636
#2	.0538883	8.371291	2.054152	.0114228	1.098384	.0488618
#3	.0545860	8.418096	2.071373	.0118178	1.099309	.0493053

Elem	Sr4077
Units	ppm
Avg	.3540917
Stddev	.0016038
%RSD	.4529387
#1	.3522713
#2	.3552969
#3	.3547068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.071	2337.292	51076.11	10022.30	2791.988
Stddev	5.447	1.241	150.80	54.31	4.755
%RSD	.2321842	.0531063	.2952509	.5418867	.1702909
#1	2340.007	2338.720	51215.66	10005.33	2797.070
#2	2350.550	2336.687	50916.13	10083.07	2787.649
#3	2347.657	2336.469	51096.53	9978.50	2791.244

Sample Name: K3404-15 Acquired: 06/25/2019 15:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9657398	.0071693	4.582338	-.026207	.0225236	68.01816
Stddev	.0030829	.0003346	.022575	.004387	.0025085	.19175
%RSD	.3192222	4.666784	.4926494	16.74112	11.13731	.2819114

#1	.9692915	.0069448	4.572372	-.026034	.0244251	67.95611
#2	.9641716	.0075538	4.566461	-.021909	.0196805	67.86513
#3	.9637563	.0070092	4.608181	-.030679	.0234652	68.23326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9225793	.0073058	.0146954	41.75101	.0445830	.0783903
Stddev	.0055406	.0001311	.0001103	.22643	.0002998	.0002889
%RSD	.6005569	1.793848	.7507290	.5423342	.6724039	.3685156

#1	.9192221	.0072012	.0145854	41.56478	.0448822	.0780635
#2	.9195413	.0072634	.0146948	41.68519	.0445841	.0786116
#3	.9289743	.0074528	.0148060	42.00306	.0442827	.0784958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.815054	215.5716	4.765714	31.95290	.0562913	.0073725
Stddev	.001595	.8952	.022979	.17908	.0007233	.0008061
%RSD	.0418035	.4152732	.4821721	.5604399	1.284854	10.93420

#1	3.814534	214.6176	4.746379	31.79630	.0570514	.0073873
#2	3.816844	215.7039	4.759644	31.91426	.0562107	.0081711
#3	3.813784	216.3933	4.791118	32.14814	.0556116	.0065590

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113870	.4420314	1.479523	40.29815	F 13.35519	-.030805
Stddev	.199333	.0017203	.013701	.02941	.03015	.008592
%RSD	175.0538	.3891749	.9260722	.0729803	.2257316	27.89131

#1	-.019029	.4431512	1.488543	40.31946	13.32073	-.034624
#2	.020335	.4428925	1.486270	40.26459	13.36818	-.020966
#3	-.342915	.4400507	1.463756	40.31038	13.37666	-.036826

Sample Name: K3404-15 Acquired: 06/25/2019 15:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269975	13.26402	2.188606	.0154518	3.849486	.0685038
Stddev	.0001932	.04224	.030040	.0012502	.003917	.0014897
%RSD	.7155688	.3184264	1.372561	8.091077	.1017441	2.174618

#1	.0268675	13.25161	2.175690	.0168935	3.848387	.0680720
#2	.0269056	13.22938	2.167184	.0146662	3.846237	.0701617
#3	.0272195	13.31107	2.222944	.0147956	3.853835	.0672777

Elem	Sr4077
Units	ppm
Avg	.8749509
Stddev	.0029328
%RSD	.3351955

#1	.8716329
#2	.8771970
#3	.8760228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.178	2145.153	46970.05	9186.738	2809.698
Stddev	24.114	.993	495.00	60.220	6.082
%RSD	1.117346	.0463104	1.053867	.6555099	.2164748

#1	2159.749	2146.129	47005.14	9242.400	2814.290
#2	2133.317	2144.143	46458.44	9195.002	2812.004
#3	2181.468	2145.186	47446.58	9122.813	2802.800

Sample Name: K3404-16 Acquired: 06/25/2019 15:30:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3413309	.0238763	.6045491	-.030898	.0132963	42.07835
Stddev	.0047686	.0020739	.0021966	.001560	.0008792	.07665
%RSD	1.397062	8.686127	.3633476	5.049451	6.612209	.1821616

#1	.3462630	.0239398	.6024434	-.032563	.0140853	42.05537
#2	.3367446	.0259178	.6068265	-.030661	.0123486	42.01581
#3	.3409851	.0217714	.6043775	-.029469	.0134549	42.16386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661399	.0101521	.0362176	25.12921	.0102062	.2042613
Stddev	.011441	.0001552	.0002100	.20416	.0004895	.0014068
%RSD	.6886238	1.529033	.5798607	.8124414	4.795626	.6887424

#1	1.667960	.0103250	.0362765	25.23498	.0096612	.2028048
#2	1.648188	.0101066	.0359844	24.89387	.0103493	.2043666
#3	1.668048	.0100248	.0363918	25.25878	.0106082	.2056125

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.918747	195.0511	F 44.24198	17.88784	.1047866	.0472613
Stddev	.012538	1.3151	.34564	.09752	.0005097	.0002700
%RSD	.3199363	.6742189	.7812399	.5451775	.4863916	.5712964

#1	3.904394	196.2820	44.58366	17.94583	.1042121	.0469567
#2	3.927559	193.6656	43.89252	17.77525	.1049630	.0474714
#3	3.924289	195.2056	44.24977	17.94245	.1051845	.0473557

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.098372	.3989945	2.081718	19.32140	F 11.66500	-.037593
Stddev	.050568	.0019106	.011696	.05816	.02940	.000283
%RSD	51.40531	.4788465	.5618253	.3010049	.2520052	.7535040

#1	-.154623	.3971737	2.068255	19.29776	11.68089	-.037268
#2	-.056680	.3988259	2.089372	19.27878	11.63108	-.037726
#3	-.083814	.4009837	2.087527	19.38765	11.68303	-.037786

Sample Name: K3404-16 Acquired: 06/25/2019 15:30:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287860	4.434470	1.740375	.0116562	1.887742	.0464967
Stddev	.0000666	.018138	.014013	.0006528	.004739	.0007479
%RSD	.2312055	.4090225	.8051628	5.600338	.2510430	1.608584
#1	.0288258	4.430337	1.756233	.0110410	1.889813	.0473346
#2	.0288230	4.418756	1.729662	.0115866	1.882320	.0458966
#3	.0287091	4.454318	1.735231	.0123410	1.891093	.0462588

Elem	Sr4077
Units	ppm
Avg	1.248088
Stddev	.005546
%RSD	.4443550
#1	1.254388
#2	1.245929
#3	1.243946

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.668	2937.573	63950.15	12512.23	2845.763
Stddev	20.239	2.644	576.35	90.86	5.090
%RSD	.6889509	.0899953	.9012544	.7261394	.1788487
#1	2957.959	2935.957	64510.42	12493.37	2850.253
#2	2937.562	2940.624	63981.07	12611.04	2846.803
#3	2917.481	2936.138	63358.96	12432.29	2840.234

Sample Name: K3404-17 Acquired: 06/25/2019 15:34:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9830707	.0023756	.8612258	-.004420	.0232301	14.92263	.5626969
Stddev	.0031092	.0008980	.0011690	.000767	.0011750	.05472	.0009595
%RSD	.3162744	37.80244	.1357348	17.34105	5.058063	.3667215	.1705104

#1	.9800547	.0020851	.8616541	-.004749	.0239922	14.88410	.5620688
#2	.9862654	.0016588	.8599031	-.004968	.0238212	14.89851	.5622205
#3	.9828920	.0033829	.8621202	-.003544	.0218769	14.98527	.5638013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024613	.0072489	4.872594	.0062825	.0072529	1.545484	38.79956
Stddev	.0000401	.0000325	.033241	.0004405	.0002032	.006885	.19368
%RSD	1.628722	.4480955	.6822052	7.011481	2.801286	.4454759	.4991799

#1	.0025074	.0072515	4.840217	.0066724	.0074801	1.537621	38.64402
#2	.0024412	.0072152	4.870929	.0058047	.0071902	1.548403	38.73816
#3	.0024352	.0072800	4.906637	.0063703	.0070885	1.550428	39.01649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.996917	2.157036	.0066792	.0121715	.3309652	.0667319	.5526004
Stddev	.044036	.023964	.0004263	.0003330	.3700536	.0008969	.0059835
%RSD	.5506605	1.110966	6.381940	2.735837	111.8104	1.344082	1.082794

#1	7.970674	2.160611	.0070499	.0125342	.0507104	.0670244	.5573330
#2	7.972320	2.131485	.0067743	.0121004	.1917494	.0657253	.5545934
#3	8.047756	2.179011	.0062134	.0118797	.7504359	.0674461	.5458747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.943133	1.544893	-.004877	.0497553	.5714701	1.353418	.0132392
Stddev	.019960	.002221	.001769	.0002108	.0013320	.017561	.0007532
%RSD	.2874751	.1437393	36.28120	.4237612	.2330828	1.297524	5.689049

#1	6.922283	1.545812	-.002839	.0499121	.5724065	1.337731	.0123704
#2	6.945054	1.542361	-.006025	.0495156	.5699452	1.350134	.0137091
#3	6.962064	1.546507	-.005767	.0498383	.5720586	1.372389	.0136379

Sample Name: K3404-17 Acquired: 06/25/2019 15:34:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2246710	.0048346	.0548610
Stddev	.0024765	.0007917	.0001807
%RSD	1.102263	16.37595	.3293094

#1	.2219731	.0050313	.0548110
#2	.2251990	.0055093	.0547107
#3	.2268408	.0039630	.0550614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.035	1923.042	41819.75	8192.781	2984.425
Stddev	16.175	1.420	214.71	61.614	4.967
%RSD	.8372037	.0738535	.5134136	.7520537	.1664449

#1	1917.491	1921.435	41730.82	8230.821	2986.802
#2	1929.159	1924.127	41663.80	8225.830	2987.758
#3	1949.455	1923.565	42064.64	8121.694	2978.716

Sample Name: K3404-18 Acquired: 06/25/2019 15:38:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BU5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9739900	.0049410	2.869263	-.014577	.0290413	45.16690	.9037555
Stddev	.0067269	.0002668	.005228	.000335	.0012508	.40155	.0102038
%RSD	.6906573	5.399204	.1821939	2.296279	4.306867	.8890451	1.129040

#1	.9715247	.0047835	2.863337	-.014228	.0277658	44.78958	.8936428
#2	.9688435	.0052490	2.873222	-.014608	.0302658	45.12217	.9035757
#3	.9816017	.0047905	2.871230	-.014896	.0290923	45.58894	.9140480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101536	.0123255	13.65710	.0174156	.0360816	2.437459	100.4280
Stddev	.0000779	.0001821	.18189	.0004502	.0003462	.017513	.9511
%RSD	.7673084	1.477631	1.331806	2.584791	.9595036	.7184788	.9470470

#1	.0100663	.0123615	13.49190	.0179203	.0362197	2.425198	99.4551
#2	.0102161	.0121281	13.62738	.0172712	.0363375	2.429662	100.4734
#3	.0101785	.0124870	13.85201	.0170554	.0356877	2.457516	101.3556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59419	6.972804	.0383100	.1661103	.1174232	.1787297	1.059101
Stddev	.17246	.062256	.0006784	.0006946	.1049790	.0020746	.020103
%RSD	1.105943	.8928419	1.770931	.4181229	89.40225	1.160744	1.898129

#1	15.42648	6.900940	.0390650	.1654355	.2235871	.1791529	1.062639
#2	15.58505	7.010321	.0381138	.1668231	.1150119	.1764761	1.037463
#3	15.77104	7.007152	.0377513	.1660725	.0136707	.1805600	1.077199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64734	5.183152	-.013559	.0245720	1.167688	1.967171	.0130965
Stddev	.05828	.013380	.002362	.0001713	.000990	.022470	.0003119
%RSD	.5473926	.2581460	17.42236	.6971517	.0847477	1.142238	2.381494

#1	10.61257	5.167874	-.013144	.0243771	1.166550	1.947573	.0133099
#2	10.71463	5.188799	-.016102	.0246987	1.168169	1.991695	.0127386
#3	10.61483	5.192782	-.011432	.0246402	1.168346	1.962243	.0132410

Sample Name: K3404-18 Acquired: 06/25/2019 15:38:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BU5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5421492	.0278168	.1426749
Stddev	.0063122	.0015748	.0003883
%RSD	1.164295	5.661279	.2721533

#1	.5369598	.0261033	.1422874
#2	.5403114	.0292007	.1430640
#3	.5491764	.0281465	.1426735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.704	2544.875	55523.24	10966.12	2909.436
Stddev	22.357	2.675	175.31	71.54	7.714
%RSD	.8689943	.1051199	.3157352	.6523708	.2651203

#1	2581.760	2547.952	55537.72	11047.66	2917.264
#2	2589.111	2543.577	55690.85	10913.89	2901.842
#3	2547.240	2543.097	55341.14	10936.81	2909.201

Sample Name: K3404-20 Acquired: 06/25/2019 15:42:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9122045	.0594758	4.653541	-.019218	.0196250	5.140021
Stddev	.0018941	.0014456	.010529	.001344	.0004774	.048660
%RSD	.2076401	2.430620	.2262536	6.992134	2.432717	.9466872

#1	.9143485	.0601062	4.648044	-.019674	.0201732	5.083854
#2	.9107581	.0604991	4.646898	-.017705	.0193004	5.169414
#3	.9115070	.0578220	4.665680	-.020274	.0194014	5.166795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149205	-.000335	.0262099	7.146067	-.020981	.0321617
Stddev	.0009923	.000027	.0001074	.085461	.000426	.0000490
%RSD	.8634231	7.921317	.4097987	1.195913	2.031777	.1523022

#1	.1138156	-.000366	.0261291	7.047596	-.020541	.0321740
#2	.1157356	-.000320	.0261687	7.200880	-.021010	.0322034
#3	.1152102	-.000320	.0263318	7.189725	-.021393	.0321078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5332702	101.0329	F 81.89114	1.586194	.0085677	.7277219
Stddev	.0018769	.8609	.94993	.023047	.0005556	.0006691
%RSD	.3519572	.8520779	1.159989	1.452964	6.485371	.0919379

#1	.5335352	100.0439	80.81200	1.559648	.0082475	.7277501
#2	.5350005	101.6142	82.60088	1.597854	.0082463	.7270392
#3	.5312749	101.4407	82.26053	1.601082	.0092093	.7283764

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595700	.1694651	4.421490	7.041341	1.977823	-.019877
Stddev	.0431020	.0060242	.037216	.063470	.004303	.001624
%RSD	72.35520	3.554850	.8417134	.9013865	.2175504	8.172508

#1	.0450001	.1625896	4.385929	6.971959	1.979417	-.020725
#2	.0256413	.1719881	4.418376	7.096478	1.981102	-.020901
#3	.1080687	.1738176	4.460166	7.055585	1.972951	-.018004

Sample Name: K3404-20 Acquired: 06/25/2019 15:42:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749685	.5660372	1.038266	.0044864	.0248795	-.002450
Stddev	.0000437	.0003576	.005066	.0005258	.0007169	.000775
%RSD	.0583398	.0631830	.4879312	11.71965	2.881357	31.64503
#1	.0750127	.5663228	1.042532	.0042315	.0255724	-.001610
#2	.0749678	.5656361	1.039599	.0041366	.0249251	-.002603
#3	.0749252	.5661527	1.032666	.0050911	.0241408	-.003137

Elem	Sr4077
Units	ppm
Avg	.9949306
Stddev	.0035234
%RSD	.3541376
#1	.9970616
#2	.9968665
#3	.9908636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.035	2449.526	53386.54	10387.39	3000.242
Stddev	16.500	2.351	231.83	101.93	.564
%RSD	.6672140	.0959645	.4342475	.9812630	.0188001
#1	2489.513	2452.240	53482.96	10483.07	3000.859
#2	2456.512	2448.169	53122.06	10280.19	3000.113
#3	2473.079	2448.169	53554.59	10398.90	2999.753

Sample Name: K3404-21 Acquired: 06/25/2019 15:47:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.869471	.0141232	9.144157	-.020404	.0479042	16.71013
Stddev	.005598	.0009394	.005876	.001147	.0019606	.03147
%RSD	.2994218	6.651449	.0642612	5.619086	4.092791	.1883375

#1	1.874611	.0147144	9.143705	-.019199	.0498134	16.67910
#2	1.870295	.0130400	9.138520	-.021481	.0458959	16.74203
#3	1.863507	.0146152	9.150246	-.020531	.0480032	16.70928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040133	.0009383	.0158078	5.825228	-.002965	.0094693
Stddev	.005873	.0000924	.0000363	.043869	.000311	.0002142
%RSD	.5646095	9.848104	.2297334	.7530922	10.47629	2.261537

#1	1.036464	.0009829	.0158036	5.806616	-.003317	.0095143
#2	1.046907	.0008320	.0158461	5.875335	-.002849	.0096574
#3	1.037029	.0009999	.0157739	5.793733	-.002730	.0092362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.506115	84.94459	F 81.05168	2.602029	.0105387	.4099096
Stddev	.006148	.07962	.34902	.028591	.0002503	.0038931
%RSD	.4081825	.0937290	.4306158	1.098780	2.375237	.9497549

#1	1.502728	84.85472	81.23977	2.620463	.0104209	.4054146
#2	1.502405	84.97276	80.64895	2.569094	.0103690	.4122089
#3	1.513211	85.00630	81.26631	2.616531	.0108262	.4121053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000775	.3525807	1.828789	9.105932	2.637467	-.008587
Stddev	.187207	.0031730	.015859	.030164	.005901	.001567
%RSD	24157.04	.8999375	.8671744	.3312523	.2237232	18.24909

#1	-.189216	.3535689	1.810540	9.115526	2.644085	-.008911
#2	.185173	.3490311	1.836601	9.072139	2.632756	-.009966
#3	.001718	.3551419	1.839226	9.130133	2.635560	-.006883

Sample Name: K3404-21 Acquired: 06/25/2019 15:47:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466683	.8130384	6.246119	.0205656	.3327650	.0054571
Stddev	.0002583	.0061395	.032426	.0013893	.0011121	.0006444
%RSD	.5534397	.7551344	.5191341	6.755622	.3341884	11.80873
#1	.0469530	.8114530	6.281718	.0197405	.3315909	.0057648
#2	.0466031	.8078471	6.238368	.0197866	.3329017	.0047165
#3	.0464489	.8198152	6.218271	.0221696	.3338024	.0058900

Elem	Sr4077
Units	ppm
Avg	.3610987
Stddev	.0005206
%RSD	.1441639
#1	.3607618
#2	.3616982
#3	.3608360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.609	2139.663	46543.77	9223.048	2959.680
Stddev	7.843	2.450	312.63	16.311	7.128
%RSD	.3647014	.1145117	.6716975	.1768460	.2408230
#1	2159.275	2140.103	46899.80	9205.798	2967.896
#2	2143.997	2137.023	46417.43	9225.125	2955.156
#3	2148.556	2141.863	46314.07	9238.221	2955.989

Sample Name: K3404-22 Acquired: 06/25/2019 15:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168101	.2256692	10.37291	-.035882	.0760346	26.02632
Stddev	.004607	.0004389	.01411	.002994	.0008684	.17715
%RSD	.3944007	.1945011	.1360186	8.343171	1.142132	.6806685

#1	1.163440	.2254159	10.38860	-.038219	.0765958	26.09969
#2	1.168211	.2261760	10.36886	-.036919	.0750343	26.15501
#3	1.172652	.2254156	10.36126	-.032508	.0764736	25.82427

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.095506	-.001873	.0758814	5.315803	-.045650	.0345287
Stddev	.030947	.000018	.0001698	.091393	.001207	.0005667
%RSD	1.476850	.9576421	.2237598	1.719268	2.643683	1.641228

#1	2.116838	-.001854	.0760584	5.367760	-.046102	.0351798
#2	2.109669	-.001877	.0757199	5.369373	-.046565	.0341466
#3	2.060011	-.001889	.0758660	5.210275	-.044282	.0342597

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.629760	115.2232	F 313.3413	1.891148	.0208557	.5876979
Stddev	.009856	.7023	3.2208	.034567	.0005366	.0057932
%RSD	.6047665	.6095479	1.027901	1.827831	2.573000	.9857468

#1	1.630437	115.5940	315.6215	1.907166	.0202627	.5928374
#2	1.639260	115.6624	314.7456	1.914799	.0213079	.5814200
#3	1.619582	114.4132	309.6567	1.851477	.0209963	.5888363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1396949	.6377668	4.468201	12.12274	3.576465	-.029558
Stddev	.1093197	.0035722	.043942	.03425	.019195	.001537
%RSD	78.25606	.5601139	.9834330	.2824933	.5367131	5.198725

#1	.1848148	.6415053	4.417525	12.13903	3.560278	-.030445
#2	.0150372	.6374069	4.491325	12.14580	3.571447	-.030445
#3	.2192326	.6343881	4.495751	12.08339	3.597671	-.027784

Sample Name: K3404-22 Acquired: 06/25/2019 15:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656330	1.113349	1.961196	.0133278	.2082738	.0085085
Stddev	.0003060	.011436	.029804	.0009247	.0019103	.0018806
%RSD	.4662792	1.027162	1.519669	6.938121	.9171937	22.10262

#1	.0657740	1.112361	1.980067	.0134730	.2082038	.0101402
#2	.0652819	1.102440	1.976684	.0123391	.2102182	.0089336
#3	.0658432	1.125247	1.926837	.0141713	.2063995	.0064518

Elem	Sr4077
Units	ppm
Avg	.9519819
Stddev	.0011623
%RSD	.1220937

#1	.9530195
#2	.9507259
#3	.9522002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.631	2908.104	62157.97	12251.87	2825.229
Stddev	4.048	3.581	334.69	141.34	8.805
%RSD	.1380692	.1231520	.5384502	1.153624	.3116505

#1	2935.906	2905.829	61841.76	12160.58	2818.493
#2	2927.858	2906.250	62508.49	12180.36	2822.003
#3	2931.130	2912.232	62123.65	12414.68	2835.193

Sample Name: K3404-03LX5 Acquired: 06/25/2019 16:21:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CC0L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2827504	-.000036	.2098345	-.002894	.0038384	4.586445	.1932794
Stddev	.0009769	.000626	.0007017	.001830	.0024325	.017648	.0017005
%RSD	.3454911	1722.426	.3343908	63.22368	63.37390	.3847788	.8797865

#1	.2831755	-.000754	.2105904	-.001895	.0019062	4.592405	.1935052
#2	.2834427	.000401	.2097089	-.005006	.0030389	4.566589	.1914773
#3	.2816330	.000244	.2092041	-.001782	.0065701	4.600341	.1948556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012352	.0022062	50.77638	-.002289	.0146020	.0517790	33.68973
Stddev	.0000718	.0001108	.41582	.000244	.0000630	.0011485	.18260
%RSD	5.809501	5.020347	.8189271	10.64983	.4315942	2.218085	.5420089

#1	.0011833	.0023277	50.66896	-.002151	.0146581	.0530265	33.56325
#2	.0012052	.0021801	50.42480	-.002145	.0146141	.0515450	33.60686
#3	.0013171	.0021108	51.23537	-.002570	.0145338	.0507656	33.89907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.044620	2.356836	.0090635	.0087127	-.018350	.0175108	.4726740
Stddev	.043812	.022022	.0001330	.0001853	.147925	.0030608	.0037342
%RSD	.7248072	.9343935	1.466943	2.126876	806.1109	17.47922	.7900250

#1	6.037210	2.334603	.0092169	.0087244	.075582	.0156467	.4705298
#2	6.004985	2.357265	.0089836	.0088918	-.188866	.0158425	.4769859
#3	6.091664	2.378640	.0089899	.0085218	.058233	.0210433	.4705062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.458729	.9275953	-.008789	.0149858	.1921980	.4319846	-.000231
Stddev	.046517	.0009009	.001107	.0000963	.0067629	.0038077	.000708
%RSD	1.891900	.0971271	12.59425	.6428005	3.518733	.8814335	306.8461

#1	2.460956	.9280610	-.009370	.0148752	.1911714	.4316768	.000369
#2	2.504092	.9281682	-.007513	.0150510	.1860070	.4283401	-.000049
#3	2.411139	.9265569	-.009485	.0150313	.1994155	.4359368	-.001012

Sample Name: K3404-03LX5 Acquired: 06/25/2019 16:21:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CC0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066157	.0075554	.0947686
Stddev	.0015074	.0019960	.0003460
%RSD	22.78550	26.41771	.3651010

#1	.0049305	.0097374	.0943752
#2	.0070809	.0058215	.0950256
#3	.0078356	.0071074	.0949050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.185	1714.350	37118.49	7291.028	2830.413
Stddev	10.468	4.479	151.85	30.607	8.713
%RSD	.6163979	.2612549	.4090885	.4197875	.3078202

#1	1706.236	1709.385	37252.27	7303.948	2820.564
#2	1686.352	1718.086	36953.44	7313.057	2837.115
#3	1701.967	1715.579	37149.75	7256.080	2833.559

Sample Name: K3403-03LX5 Acquired: 06/25/2019 15:55:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116095	.0004043	.3318912	-.002861	.0141860	4.091379	.0179776
Stddev	.0012068	.0007261	.0018759	.000804	.0008115	.020230	.0000565
%RSD	.5702883	179.6236	.5652272	28.09208	5.720149	.4944570	.3141189

#1	.2106414	-.000430	.3340462	-.002589	.0148728	4.070907	.0179170
#2	.2129615	.000745	.3306242	-.003766	.0143947	4.111359	.0180288
#3	.2112255	.000897	.3310031	-.002229	.0132906	4.091871	.0179870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017331	.0025458	2.069668	-.002449	.0067388	.3283869	23.87839
Stddev	.0000229	.0000351	.026360	.000025	.0002717	.0042978	.21367
%RSD	1.324150	1.378035	1.273627	1.003498	4.031729	1.308770	.8948383

#1	.0017256	.0025085	2.064067	-.002462	.0064545	.3234645	23.96594
#2	.0017589	.0025508	2.098378	-.002421	.0067662	.3303008	24.03438
#3	.0017149	.0025781	2.046559	-.002465	.0069958	.3313952	23.63484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.37001	.5881094	.0016377	.0841011	.1386515	.0434888	.3589220
Stddev	.13468	.0037403	.0001726	.0004059	.1271897	.0009160	.0043325
%RSD	1.007350	.6359848	10.53830	.4825798	91.73338	2.106383	1.207083

#1	13.46120	.5852658	.0015666	.0836621	.1522685	.0425483	.3575536
#2	13.43352	.5867159	.0015120	.0841786	.0052012	.0443783	.3554390
#3	13.21532	.5923464	.0018344	.0844626	.2584849	.0435399	.3637735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.708400	.4347220	-.008839	.0154188	.2037492	.2459315	.0013190
Stddev	.027236	.0040884	.001370	.0001346	.0026749	.0011804	.0009978
%RSD	1.005595	.9404705	15.49945	.8729979	1.312826	.4799794	75.65199

#1	2.712657	.4315864	-.007257	.0154425	.2040079	.2472700	.0008121
#2	2.733256	.4393462	-.009606	.0152739	.2062854	.2454852	.0024685
#3	2.679287	.4332336	-.009654	.0155399	.2009544	.2450392	.0006763

Sample Name: K3403-03LX5 Acquired: 06/25/2019 15:55:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0079329	-.000858	.1353113
Stddev	.0010599	.001116	.0005638
%RSD	13.36030	130.0600	.4166799

#1	.0070142	-.002060	.1357688
#2	.0076920	.000144	.1354838
#3	.0090925	-.000657	.1346815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.834	1882.037	40899.18	8051.267	2877.061
Stddev	7.734	4.245	232.19	60.521	1.691
%RSD	.4098708	.2255392	.5677104	.7516987	.0587769

#1	1885.020	1886.667	41163.78	8008.811	2878.860
#2	1895.313	1878.330	40729.44	8024.422	2876.820
#3	1880.169	1881.113	40804.33	8120.567	2875.503

Sample Name: K3399-01DLX2 Acquired: 06/25/2019 16:25:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2594377	.0075064	.7050953	-.013207	.0275620	26.51139	.4045989
Stddev	.0031461	.0011385	.0018206	.000084	.0023281	.10184	.0038423
%RSD	1.212650	15.16713	.2582120	.6352408	8.446843	.3841247	.9496454

#1	.2617877	.0083165	.7039523	-.013299	.0300673	26.46255	.4045874
#2	.2558636	.0062047	.7041388	-.013134	.0254650	26.62845	.4084469
#3	.2606618	.0079981	.7071948	-.013188	.0271536	26.44318	.4007624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020549	.0043185	537.7447	.0344438	.0275522	.3937583	107.7245
Stddev	.0000541	.0000622	4.5345	.0002181	.0001263	.0015846	.5965
%RSD	2.632552	1.441540	.8432414	.6331748	.4583098	.4024417	.5536973

#1	.0020057	.0042490	537.3961	.0341921	.0274244	.3938449	107.8058
#2	.0021128	.0043376	542.4435	.0345768	.0275554	.3952980	108.2762
#3	.0020462	.0043690	533.3946	.0345624	.0276769	.3921322	107.0916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.201684	14.25619	.0252081	.0746154	.1221811	.2287854	.5996011
Stddev	.037242	.13307	.0002904	.0007606	.3544843	.0013134	.0064961
%RSD	.8863657	.9334191	1.152226	1.019330	290.1302	.5740578	1.083397

#1	4.202465	14.20016	.0248880	.0751350	-.266889	.2296280	.6045640
#2	4.238530	14.40811	.0254550	.0737424	.206590	.2294562	.5922487
#3	4.164058	14.16029	.0252813	.0749687	.426842	.2272722	.6019906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.42950	3.599492	-.014887	.0260856	6.257746	3.609823	.0037103
Stddev	.12562	.005083	.000971	.0003575	.012655	.049726	.0010776
%RSD	1.010646	.1412169	6.521850	1.370644	.2022357	1.377510	29.04377

#1	12.53311	3.594996	-.013772	.0258469	6.251623	3.583518	.0028312
#2	12.46561	3.605007	-.015548	.0264966	6.249316	3.667176	.0033873
#3	12.28979	3.598472	-.015342	.0259132	6.272298	3.578775	.0049125

Sample Name: K3399-01DLX2 Acquired: 06/25/2019 16:25:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.304969	.0415957	.5709067
Stddev	.009179	.0030259	.0004610
%RSD	.3982306	7.274508	.0807430

#1	2.300670	.0413204	.5705693
#2	2.315509	.0447498	.5714319
#3	2.298729	.0387168	.5707189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.629	1644.620	36143.99	7307.393	2612.682
Stddev	14.050	1.207	253.05	54.230	3.022
%RSD	.8558668	.0733875	.7001082	.7421188	.1156804

#1	1627.989	1644.563	36086.14	7311.247	2609.542
#2	1656.056	1643.442	36420.95	7251.339	2612.932
#3	1640.841	1645.854	35924.87	7359.592	2615.571

Sample Name: K3399-02DLX2 Acquired: 06/25/2019 16:29:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF0D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2275160	.0065088	.5113281	-.015333	.0242625	26.16619	.4468126
Stddev	.0074515	.0032221	.0016167	.002928	.0026102	.04898	.0035642
%RSD	3.275162	49.50323	.3161682	19.09925	10.75808	.1871856	.7976937

#1	.2286834	.0069140	.5096350	-.015232	.0212879	26.21035	.4505321
#2	.2195497	.0095091	.5114937	-.018311	.0253292	26.11351	.4434272
#3	.2343149	.0031033	.5128556	-.012457	.0261703	26.17469	.4464786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019584	.0039931	571.6373	.0396286	.0304292	.3796270	105.9424
Stddev	.0000493	.0000926	3.6707	.0002899	.0002910	.0080642	.1758
%RSD	2.516797	2.318187	.6421459	.7315127	.9564460	2.124248	.1658989

#1	.0019030	.0040986	575.5497	.0398979	.0300947	.3739969	106.1372
#2	.0019973	.0039552	568.2689	.0393218	.0306245	.3888653	105.7956
#3	.0019750	.0039254	571.0935	.0396663	.0305684	.3760189	105.8945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.040485	14.36034	.0258082	.0829185	.2609674	.2315073	.5446137
Stddev	.024607	.04516	.0002824	.0003540	.3111403	.0016502	.0032982
%RSD	.4881786	.3144500	1.094088	.4269595	119.2258	.7127860	.6056110

#1	5.067347	14.34249	.0256817	.0825781	.6133044	.2324030	.5428384
#2	5.019035	14.41170	.0261317	.0832847	.1456453	.2296030	.5425834
#3	5.035074	14.32684	.0256112	.0828927	.0239525	.2325159	.5484194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36222	3.573900	-.014624	.0162253	6.421428	3.564961	.0035143
Stddev	.09334	.022527	.001541	.0003339	.027954	.010615	.0005540
%RSD	.7550128	.6303089	10.53925	2.057830	.4353259	.2977590	15.76545

#1	12.46969	3.562257	-.013859	.0158782	6.421664	3.577212	.0038482
#2	12.30143	3.559577	-.016398	.0165442	6.449264	3.558497	.0028748
#3	12.31554	3.599865	-.013615	.0162534	6.393357	3.559175	.0038200

Sample Name: K3399-02DLX2 Acquired: 06/25/2019 16:29:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.097274	.0404128	.5584139
Stddev	.007644	.0017696	.0017818
%RSD	.3644709	4.378882	.3190858

#1	2.106096	.0400790	.5575578
#2	2.093102	.0388339	.5604621
#3	2.092623	.0423256	.5572216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.175	1635.868	35986.14	7257.252	2593.388
Stddev	12.513	5.393	82.68	32.228	.662
%RSD	.7629330	.3296420	.2297523	.4440786	.0255247

#1	1646.690	1631.475	36018.75	7237.804	2594.017
#2	1648.086	1641.886	36047.55	7294.452	2593.448
#3	1625.748	1634.244	35892.13	7239.498	2592.698

Sample Name: K3399-03DLX2 Acquired: 06/25/2019 16:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2965201	.0645239	.6043254	.0283669	.0594375	33.04972	2.857020
Stddev	.0037658	.0010701	.0014174	.0044468	.0016274	.02827	.017693
%RSD	1.269996	1.658524	.2345445	15.67604	2.738032	.0855254	.6192898

#1	.2980282	.0642527	.6057889	.0295342	.0577997	33.08236	2.873278
#2	.2922340	.0657036	.6042283	.0321137	.0610543	33.03326	2.838176
#3	.2992981	.0636155	.6029591	.0234529	.0594585	33.03355	2.859605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538843	.0601166	493.3761	.2430817	.5644403	.6424367	124.7618
Stddev	.0005935	.0003229	1.9633	.0010725	.0006383	.0038013	.4308
%RSD	1.101397	.5370468	.3979312	.4412083	.1130924	.5917023	.3452802

#1	.0544902	.0604680	495.1657	.2437949	.5651547	.6464235	124.9600
#2	.0533040	.0598331	491.2761	.2436019	.5642403	.6420336	124.2676
#3	.0538588	.0600487	493.6865	.2418483	.5639259	.6388530	125.0577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.965069	15.37292	.5710992	.1370596	.4009972	.7922158	2.418246
Stddev	.047777	.05511	.0010660	.0007471	.1170768	.0014191	.017597
%RSD	.5329240	.3585058	.1866544	.5450737	29.19641	.1791309	.7276690

#1	9.002956	15.39936	.5709457	.1378486	.2682299	.7938478	2.398819
#2	8.911397	15.30957	.5701183	.1369670	.4453218	.7912725	2.433117
#3	8.980854	15.40984	.5722336	.1363631	.4894400	.7915271	2.422802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07505	3.784606	-.014121	.0368188	7.154225	4.548164	.0053097
Stddev	.09827	.023548	.002157	.0001010	.036713	.033085	.0002922
%RSD	.6981513	.6222093	15.27318	.2742190	.5131598	.7274385	5.503107

#1	14.15514	3.777598	-.016087	.0369071	7.194209	4.581691	.0052607
#2	13.96540	3.765358	-.014461	.0367087	7.122035	4.515539	.0056233
#3	14.10462	3.810863	-.011814	.0368406	7.146432	4.547263	.0050451

Sample Name: K3399-03DLX2 Acquired: 06/25/2019 16:33:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.669230	.0451426	.5517727
Stddev	.003954	.0017816	.0002608
%RSD	.1481469	3.946557	.0472705

#1	2.673380	.0470730	.5520509
#2	2.665506	.0447934	.5517334
#3	2.668802	.0435615	.5515337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.288	1638.222	36149.30	7212.755	2587.787
Stddev	2.816	1.276	124.71	46.434	3.473
%RSD	.1712330	.0778707	.3449963	.6437734	.1342177

#1	1641.265	1639.671	36134.34	7160.194	2591.461
#2	1644.764	1637.268	36032.74	7248.206	2584.557
#3	1646.836	1637.727	36280.82	7229.864	2587.343

Sample Name: K3399-01LDLX10 Acquired: 06/25/2019 16:37:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CF0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502071	.0024331	.1257807	-.001422	.0067893	5.636576	.0921033
Stddev	.0018804	.0036803	.0023208	.002178	.0017711	.027317	.0012850
%RSD	3.745183	151.2585	1.845108	153.1558	26.08673	.4846310	1.395195

#1	.0508032	.0065224	.1231364	.000963	.0068877	5.608385	.0908125
#2	.0517172	-.000613	.1267264	-.003306	.0085092	5.638418	.0921149
#3	.0481010	.001390	.1274793	-.001923	.0049711	5.662925	.0933825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002438	.0010529	119.0974	.0091752	.0044724	.0860252	23.69291
Stddev	.0000634	.0000631	.9747	.0008875	.0002695	.0018519	.09812
%RSD	26.01523	5.991340	.8183862	9.673114	6.026488	2.152792	.4141506

#1	.0001830	.0010848	117.9728	.0092900	.0042435	.0845354	23.58252
#2	.0002389	.0010938	119.6234	.0099998	.0047694	.0854416	23.72599
#3	.0003096	.0009803	119.6962	.0082359	.0044043	.0880987	23.77022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019710	3.127384	.0042409	.0165017	.2697264	.0466567	.1224892
Stddev	.005324	.022238	.0004377	.0004494	.3062854	.0005096	.0001839
%RSD	.5221346	.7110587	10.32152	2.723596	113.5541	1.092305	.1501376

#1	1.013595	3.101798	.0047121	.0168622	-.028086	.0461912	.1226629
#2	1.023320	3.142053	.0038469	.0159981	.253431	.0465776	.1222966
#3	1.022215	3.138303	.0041637	.0166447	.583834	.0472012	.1225082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209115	.7176962	-.008025	.0049540	1.274328	.7800931	-.000610
Stddev	.032719	.0006575	.000912	.0003947	.014808	.0050559	.001040
%RSD	1.019572	.0916178	11.36025	7.968076	1.162024	.6481149	170.5913

#1	3.201905	.7184487	-.008682	.0045013	1.264090	.7750478	-.000601
#2	3.244838	.7174076	-.008409	.0051340	1.267587	.7800721	-.001654
#3	3.180603	.7172324	-.006984	.0052267	1.291307	.7851595	.000426

Sample Name: K3399-01LDLX10 Acquired: 06/25/2019 16:37:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CF0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4794353	.0086310	.1223059
Stddev	.0039117	.0010700	.0002599
%RSD	.8158895	12.39700	.2125067

#1	.4754079	.0082320	.1224505
#2	.4796781	.0098432	.1224614
#3	.4832199	.0078179	.1220058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.650	1636.315	35679.86	7105.199	2779.173
Stddev	13.113	2.248	203.25	15.685	2.722
%RSD	.7987449	.1373576	.5696626	.2207481	.0979345

#1	1639.343	1638.265	35561.01	7120.947	2782.072
#2	1629.844	1636.823	35564.02	7089.579	2778.773
#3	1655.763	1633.857	35914.55	7105.071	2776.673

Sample Name: CCV013 Acquired: 06/25/2019 16:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792694	4.833668	24.14104	F 4.330433	4.890436	415.4235
Stddev	.006298	.013298	.04987	.014784	.006952	1.7357
%RSD	.1314087	.2751045	.2065781	.3413971	.1421507	.4178237

#1	4.786109	4.841713	24.12827	4.322179	4.893245	417.2140
#2	4.798659	4.818319	24.09880	4.321619	4.882520	415.3081
#3	4.793315	4.840972	24.19605	4.347501	4.895545	413.7483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31211	.4983910	2.367908	405.7959	15.28745	2.500799
Stddev	.10922	.0062901	.005862	4.4374	.03618	.006814
%RSD	1.059161	1.262074	.2475466	1.093515	.2366399	.2724716

#1	10.42969	.5043116	2.364784	410.5453	15.32897	2.498079
#2	10.29285	.4990742	2.364270	405.0863	15.26275	2.495765
#3	10.21381	.4917872	2.374670	401.7559	15.27062	2.508553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40611	410.5600	15.20458	401.9678	2.488376	1.266263
Stddev	.02727	2.8522	.16834	3.3608	.008168	.005462
%RSD	.1769823	.6947172	1.107190	.8360899	.3282292	.4313514

#1	15.43753	413.6966	15.38392	405.3543	2.483225	1.265588
#2	15.38872	409.8614	15.17986	401.9159	2.484110	1.261169
#3	15.39207	408.1220	15.04996	398.6333	2.497794	1.272031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.1778	2.520016	14.87101	157.5892	5.021880	4.868821
Stddev	2.5160	.023757	.09318	.4729	.002913	.044507
%RSD	.6302998	.9427182	.6265748	.3001121	.0580063	.9141241

#1	401.6012	2.547023	14.78289	158.0794	5.018568	4.913705
#2	399.3537	2.510679	14.86160	157.5523	5.023024	4.868056
#3	396.5784	2.502346	14.96853	157.1357	5.024047	4.824701

Sample Name: CCV013 Acquired: 06/25/2019 16:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803518	4.509886	4.893070	4.917702	5.012259	5.021852
Stddev	.015570	.009613	.059954	.006084	.025062	.058498
%RSD	.3241416	.2131538	1.225290	.1237067	.5000234	1.164865
#1	4.791803	4.510665	4.949281	4.911797	5.039164	5.086085
#2	4.797566	4.519086	4.899961	4.917360	5.008038	5.007836
#3	4.821187	4.499907	4.829968	4.923950	4.989575	4.971636

Elem	Sr4077
Units	ppm
Avg	4.829770
Stddev	.069850
%RSD	1.446234
#1	4.909799
#2	4.798450
#3	4.781062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.513	1409.494	33182.97	6891.279	2332.904
Stddev	5.709	4.248	108.19	57.780	6.644
%RSD	.3919382	.3013882	.3260419	.8384478	.2848109
#1	1462.617	1411.073	33263.35	6833.643	2336.794
#2	1455.617	1412.727	33225.60	6890.992	2336.685
#3	1451.306	1404.683	33059.96	6949.202	2325.232

Sample Name: CCB013 Acquired: 06/25/2019 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003091	.0005014	.0022729	.0039905	.0026085	.0215110	-.000575
Stddev	.002214	.0018832	.0023293	.0005893	.0009806	.0073340	.000693
%RSD	71.62215	375.5489	102.4819	14.76824	37.59338	34.09432	120.5383

#1	-.002588	-.001296	.0005046	.0033214	.0036938	.0181363	-.001372
#2	-.005514	.002460	.0049122	.0044324	.0023458	.0299249	-.000231
#3	-.001172	.000341	.0014019	.0042178	.0017860	.0164719	-.000121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	.0002175	.0258731	.0000121	-.000412	.0033668	.0199821
Stddev	.000028	.0001142	.0128006	.0001535	.000269	.0007555	.0046381
%RSD	16.26182	52.47247	49.47447	1270.720	65.25612	22.44092	23.21119

#1	-.000163	.0003231	.0368258	.0000493	-.000497	.0041707	.0246063
#2	-.000207	.0000964	.0289923	.0001436	-.000111	.0032582	.0153303
#3	-.000154	.0002331	.0118012	-.000157	-.000628	.0026714	.0200095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017481	.0234632	-.000992	.0005780	.3836571	-.002404	.0025487
Stddev	.0003636	.0177219	.000346	.0001843	.1912449	.000602	.0007701
%RSD	20.79743	75.53071	34.88827	31.88457	49.84787	25.02896	30.21401

#1	.0019658	.0122152	-.001184	.0006050	.5985303	-.002645	.0027922
#2	.0019501	.0142825	-.001201	.0003817	.2320986	-.002849	.0031677
#3	.0013284	.0438918	-.000593	.0007472	.3203424	-.001720	.0016864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9614744	-.005045	.0026193	.0007419	-.004917	-.003705	.0023869
Stddev	.0020183	.001774	.0007753	.0002901	.000696	.000767	.0007305
%RSD	.2099147	35.16016	29.60013	39.09657	14.15023	20.70032	30.60360

#1	.9619551	-.004886	.0029530	.0009476	-.005720	-.003785	.0025659
#2	.9632088	-.006894	.0031719	.0004101	-.004509	-.004428	.0030113
#3	.9592591	-.003356	.0017330	.0008681	-.004521	-.002901	.0015836

Sample Name: CCB013 Acquired: 06/25/2019 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v924) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000227	.0061918	.0002476
Stddev	.000711	.0017115	.0001145
%RSD	312.3858	27.64211	46.22435

#1	.000217	.0079999	.0003777
#2	.000148	.0045968	.0002031
#3	-.001047	.0059786	.0001621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.900	1645.415	35580.68	6986.283	2829.368
Stddev	4.928	.499	112.50	63.574	4.745
%RSD	.2992332	.0303282	.3161789	.9099797	.1677181

#1	1644.110	1645.354	35648.47	6929.670	2823.930
#2	1643.999	1644.950	35450.82	6974.120	2831.506
#3	1652.590	1645.942	35642.75	7055.060	2832.669