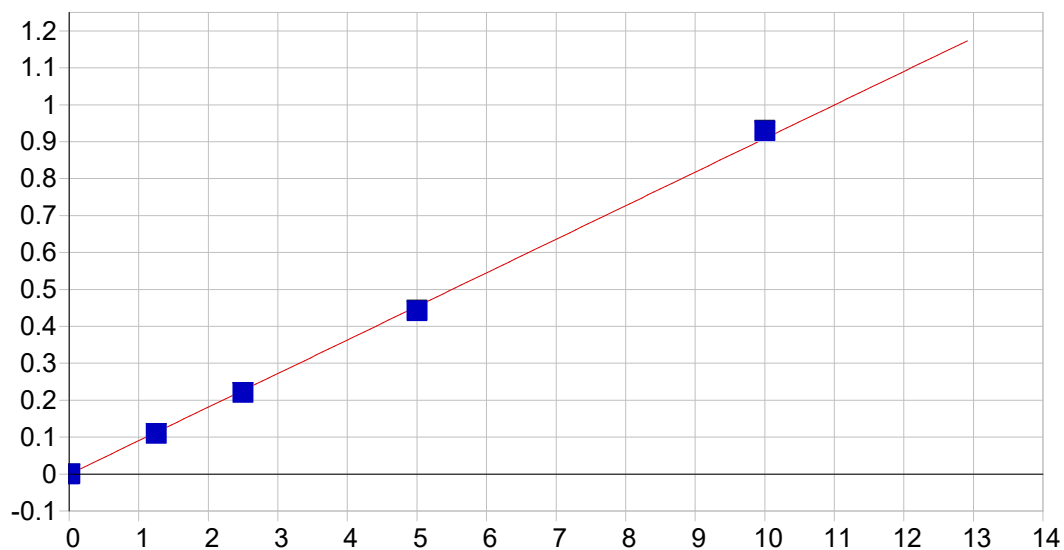


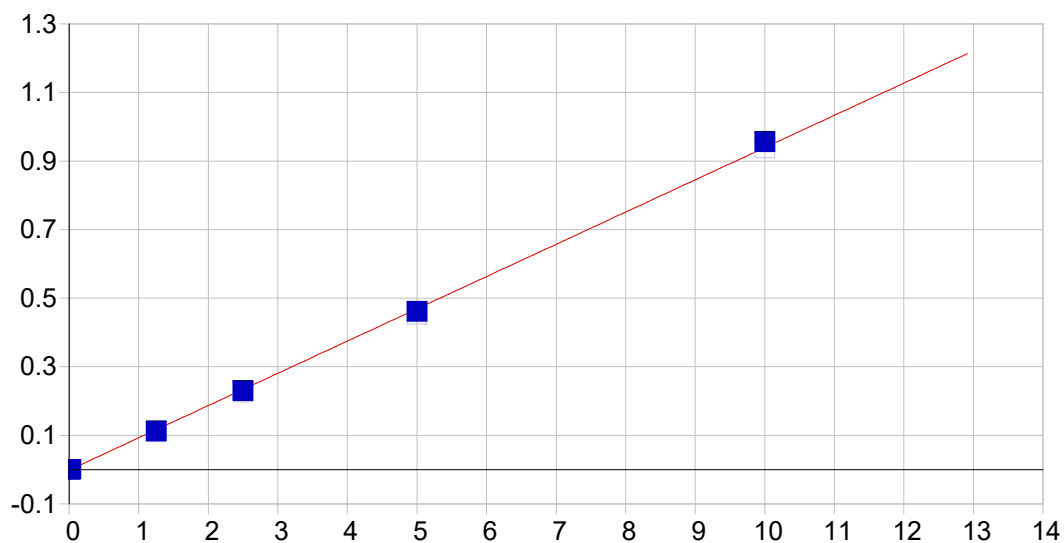


As 189.042 {479}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000540	Re-Slope:	1.000000
A1 (Gain):	0.090897	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999681	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.002640		
Predicted MQL:	0.008800		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.01000	.00972	-.000	-2.78	.00034	.000	1
S2	1.2500	1.2103	-.040	-3.18	.10906	.000	1
S3	2.5000	2.4320	-.068	-2.72	.21971	.001	1
S4	5.0000	4.8729	-.127	-2.54	.44076	.002	1
S5	10.000	10.235	.235	2.35	.92655	.001	1

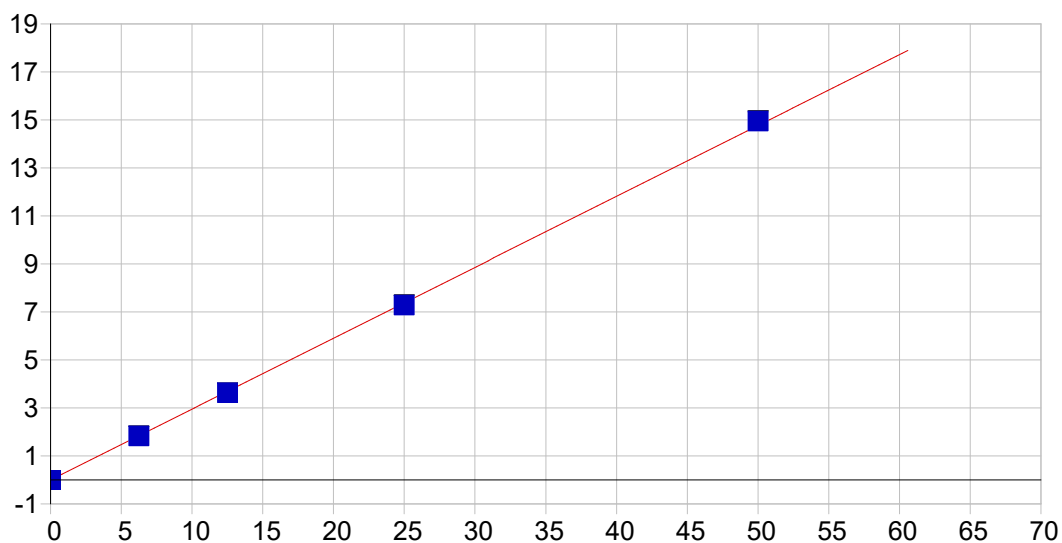


TI 190.856 {477}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001234 Re-Slope: 1.000000
 A1 (Gain): 0.094047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002758
 Predicted MQL: 0.009192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.02500	.02438	-.001	-2.49	.00096	.000	1
S2	1.2500	1.2060	-.044	-3.52	.11002	.000	1
S3	2.5000	2.4579	-.042	-1.68	.22559	.000	1
S4	5.0000	4.9159	-.084	-1.68	.45242	.001	1
S5	10.000	10.171	.171	1.71	.93795	.002	1

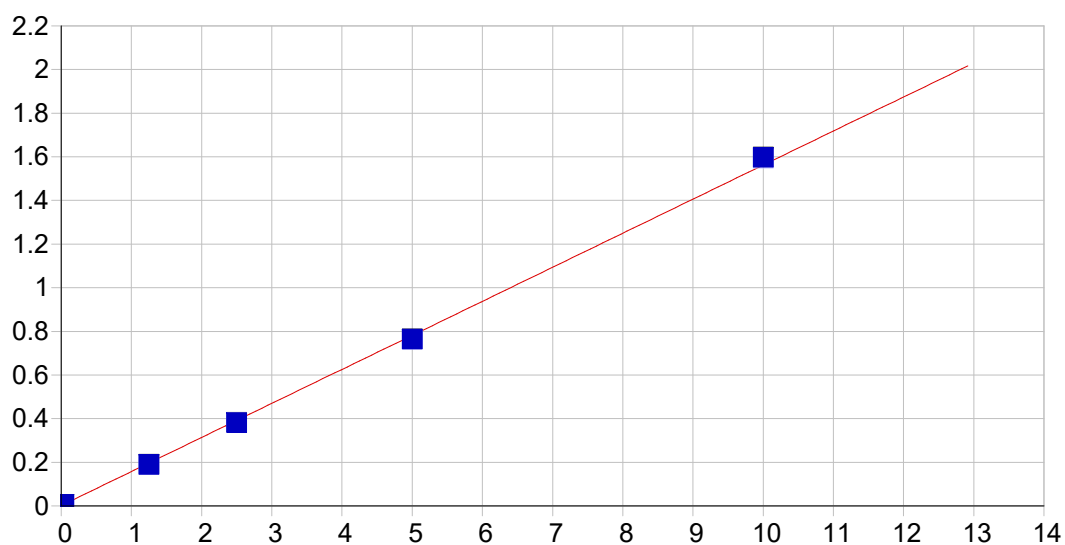


Pb 220.353 {453}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.295303 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.002039
 Predicted MQL: 0.006797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.01000	.01099	.001	9.92	.00304	.001	1
S2	6.2500	6.1813	-.069	-1.10	1.8255	.002	1
S3	12.500	12.301	-.199	-1.59	3.6332	.007	1
S4	25.000	24.645	-.355	-1.42	7.2790	.015	1
S5	50.000	50.621	.621	1.24	14.951	.027	1

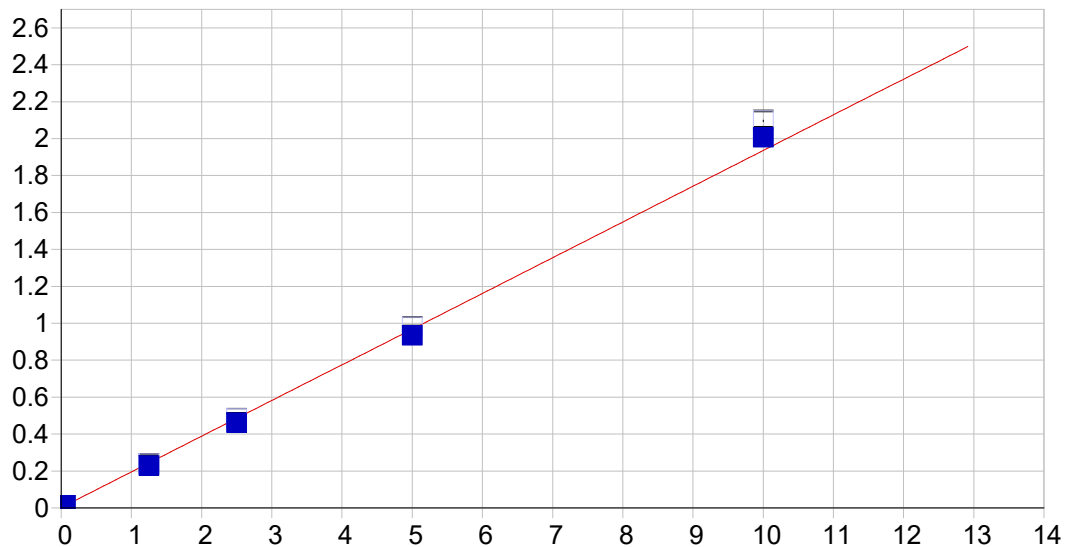


Se 196.090 {472}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001463 Re-Slope: 1.000000
 A1 (Gain): 0.156053 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.002087
 Predicted MQL: 0.006956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00146	.000	1
S1	.03500	.03324	-.002	-5.03	.00665	.000	1
S2	1.2500	1.2054	-.045	-3.57	.18905	.001	1
S3	2.5000	2.4377	-.062	-2.49	.38085	.001	1
S4	5.0000	4.8869	-.113	-2.26	.76203	.001	1
S5	10.000	10.222	.222	2.22	1.5925	.002	1

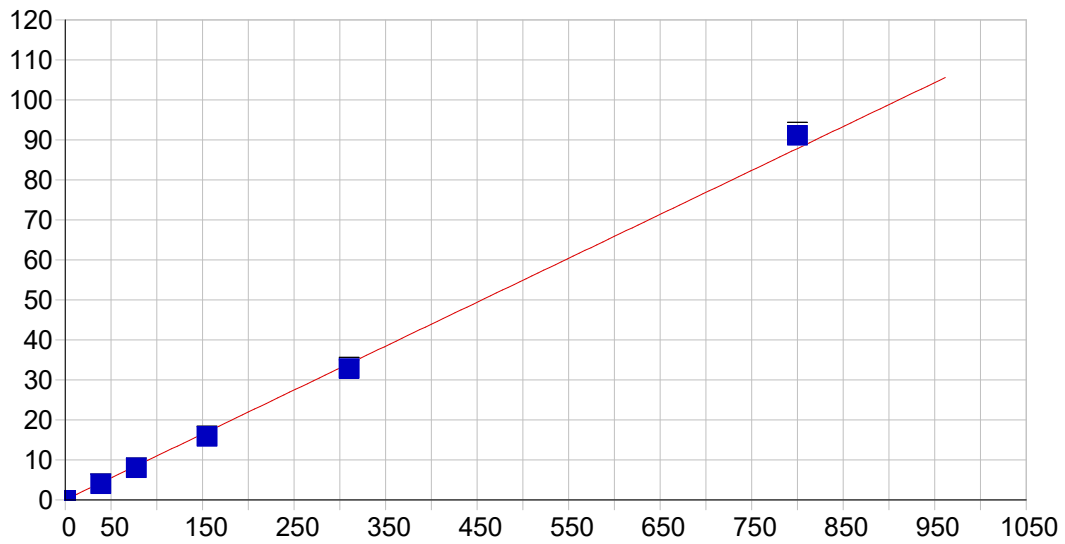


Sb 206.833 {463}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001494 Re-Slope: 1.000000
 A1 (Gain): 0.193361 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999256 Status: OK.
 Std Error of Est: 0.000321
 Predicted MDL: 0.001870
 Predicted MQL: 0.006233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00150	.000	1
S1	.06000	.05990	-.000	-.160	.01309	.000	1
S2	1.2500	1.1729	-.077	-6.16	.23943	.001	1
S3	2.5000	2.3802	-.120	-4.79	.48399	.001	1
S4	5.0000	4.8235	-.176	-3.53	.97869	.001	1
S5	10.000	10.373	.373	3.73	2.0963	.005	1

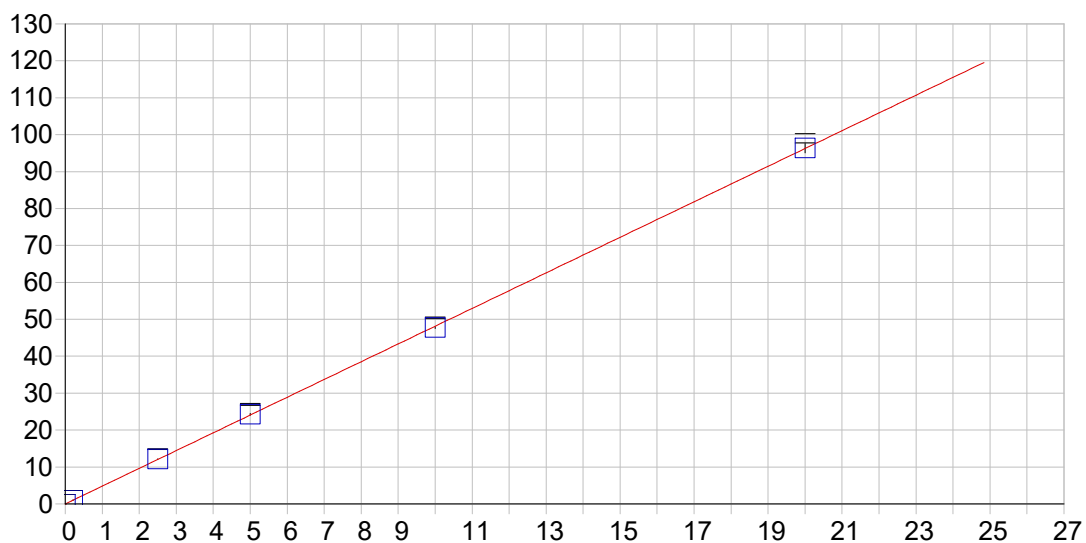


AI 396.152 { 85}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008652 Re-Slope: 1.000000
 A1 (Gain): 0.109807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999029 Status: OK.
 Std Error of Est: 0.003013
 Predicted MDL: 0.010897
 Predicted MQL: 0.036322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00866	.000	1
S1	.20000	.19262	-.007	-3.69	.03018	.001	1
S2	38.750	36.372	-2.38	-6.14	4.0111	.025	1
S3	77.500	72.515	-4.98	-6.43	7.9883	.032	1
S4	155.00	144.45	-10.6	-6.81	15.904	.078	1
S5	310.00	298.54	-11.5	-3.70	32.858	.315	1
S6	800.00	829.43	29.4	3.68	91.141	.808	1

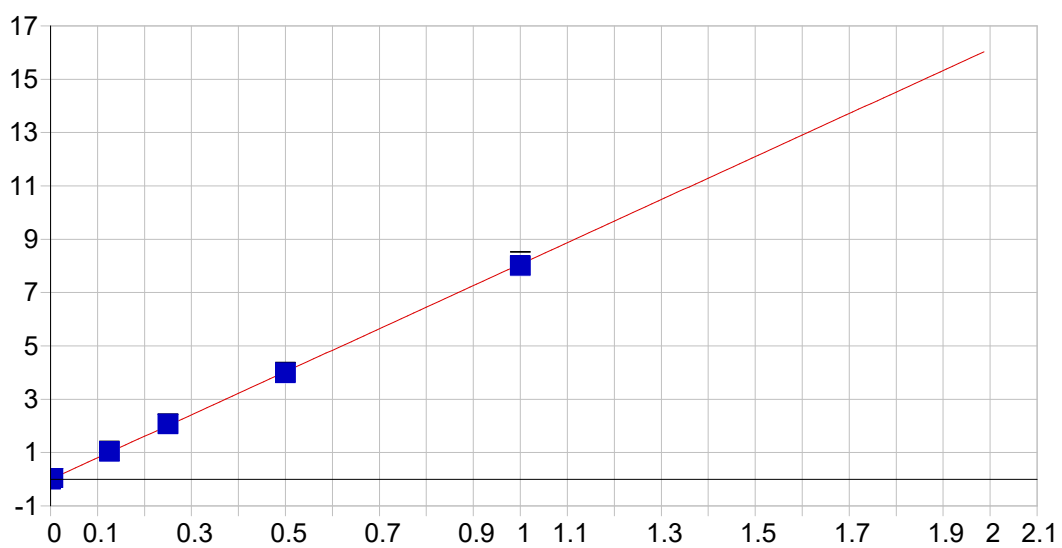


Ba 493.409 { 68}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007513 Re-Slope: 1.000000
 A1 (Gain): 4.812742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.003471
 Predicted MDL: 0.000576
 Predicted MQL: 0.001920

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00746	.002	1
S1	.20000	.20905	.009	4.53	1.0136	.008	1
S2	2.5000	2.5220	.022	.880	12.145	.104	1
S3	5.0000	5.0413	.041	.826	24.270	.240	1
S4	10.000	9.9118	-.088	-.882	47.710	.222	1
S5	20.000	20.016	.016	.079	96.338	1.29	1

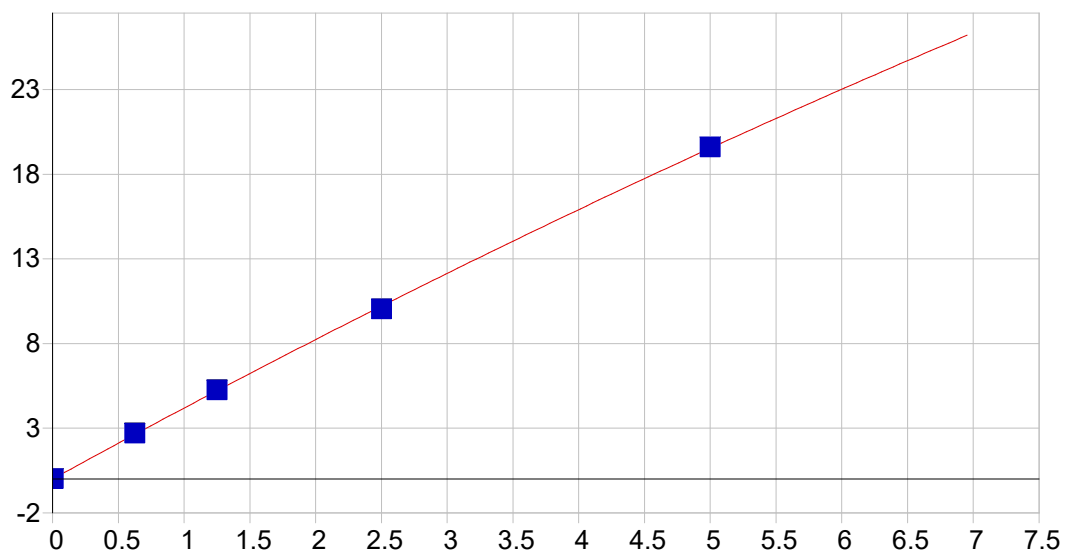


Be 234.861 {144}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003516 Re-Slope: 1.000000
 A1 (Gain): 8.068711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000468
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00352	.000	1
S1	.00500	.00534	.000	6.90	.03958	.000	1
S2	.12500	.12940	.004	3.52	1.0372	.012	1
S3	.25000	.25664	.007	2.66	2.0605	.011	1
S4	.50000	.49460	-.005	-1.08	3.9739	.030	1
S5	1.0000	.99402	-.006	-.598	7.9902	.153	1

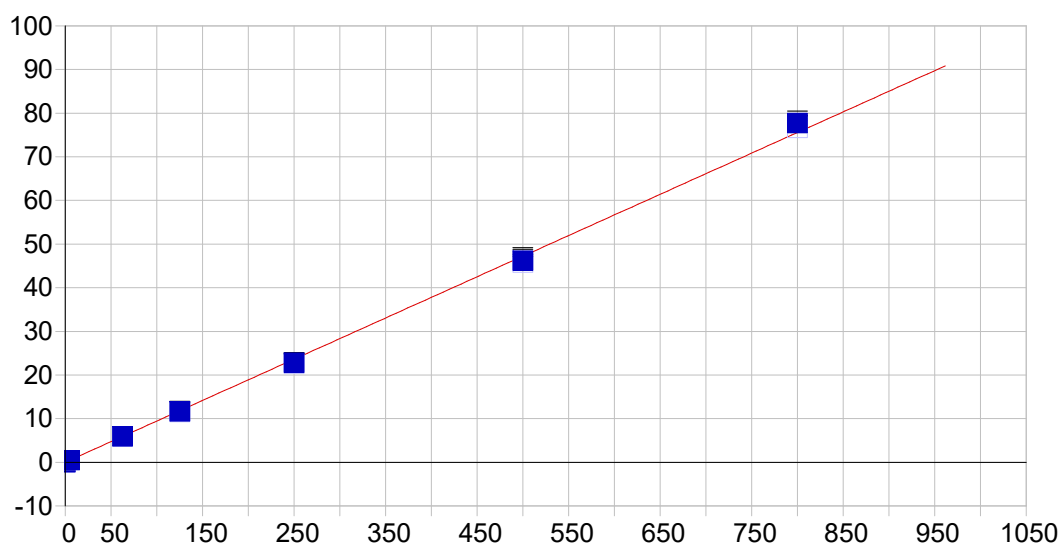


Cd 214.438 {457}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000385 Re-Slope: 1.000000
 A1 (Gain): 4.261193 Y-int: 0.000000
 A2 (Curvature): -0.070654
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000465
 Predicted MDL: 0.000099
 Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.00500	.00557	.001	11.5	.02337	.000	1
S2	.62500	.64071	.016	2.51	2.7049	.005	1
S3	1.2500	1.2584	.008	.672	5.2582	.009	1
S4	2.5000	2.4563	-.044	-1.75	10.056	.024	1
S5	5.0000	5.0193	.019	.387	19.641	.004	1

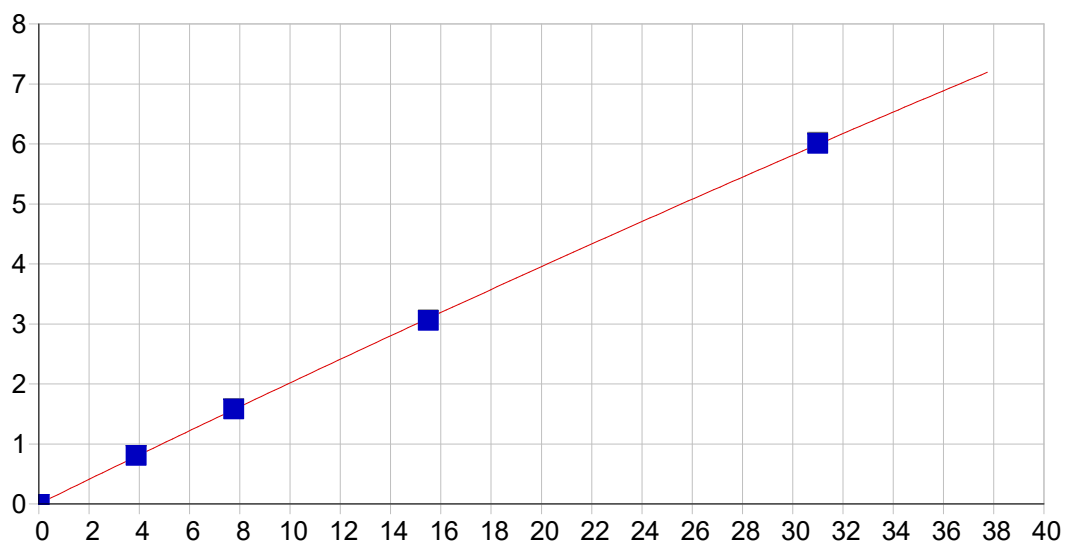


Ca 373.690 { 90}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000958 Re-Slope: 1.000000
 A1 (Gain): 0.094470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623 Status: OK.
 Std Error of Est: 0.008947
 Predicted MDL: 0.012373
 Predicted MQL: 0.041242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00095	.001	1
S1	5.0000	5.3792	.379	7.58	.50899	.003	1
S2	62.500	62.213	-.287	-.460	5.8254	.060	1
S3	125.00	122.97	-2.03	-1.62	11.513	.117	1
S4	250.00	241.02	-8.98	-3.59	22.559	.100	1
S5	500.00	488.52	-11.5	-2.30	45.729	.775	1
S6	800.00	822.52	22.5	2.82	76.578	.550	1

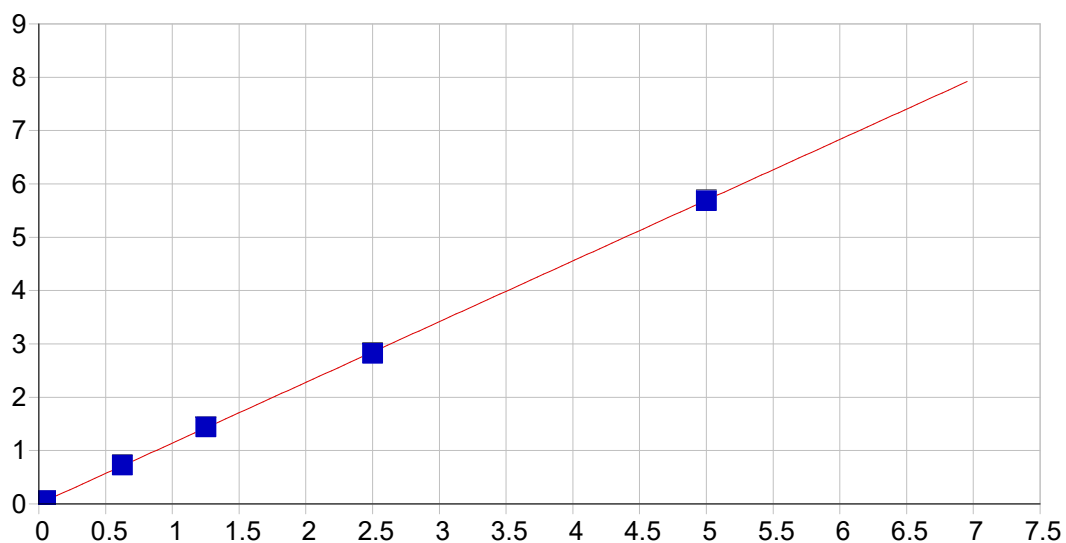


Cr 267.716 {126}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.205742 Y-int: 0.000000
 A2 (Curvature): -0.000402
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000644
 Predicted MQL: 0.002147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01099	.001	9.92	.00234	.000	1
S2	3.8750	3.9397	.065	1.67	.80539	.002	1
S3	7.7500	7.8018	.052	.668	1.5828	.001	1
S4	15.500	15.299	-.201	-1.30	3.0577	.005	1
S5	31.000	31.084	.084	.271	6.0150	.011	1

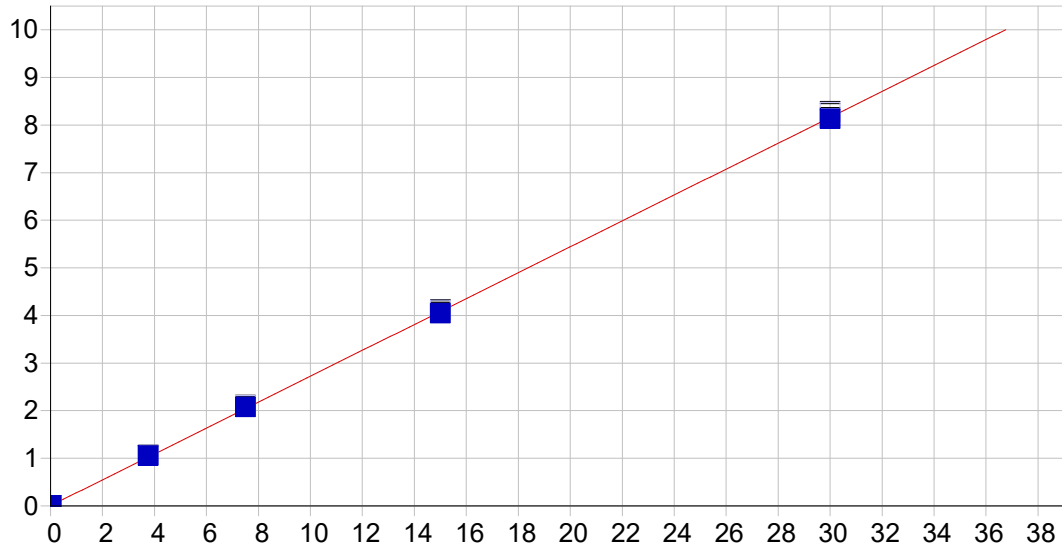


Co 228.616 {448}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000810 Re-Slope: 1.000000
 A1 (Gain): 1.138801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000300
 Predicted MDL: 0.000354
 Predicted MQL: 0.001182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00080	.000	1
S1	.05000	.05342	.003	6.83	.06184	.000	1
S2	.62500	.63813	.013	2.10	.72865	.000	1
S3	1.2500	1.2656	.016	1.25	1.4444	.003	1
S4	2.5000	2.4777	-.022	-.892	2.8269	.006	1
S5	5.0000	4.9901	-.010	-.197	5.6926	.010	1

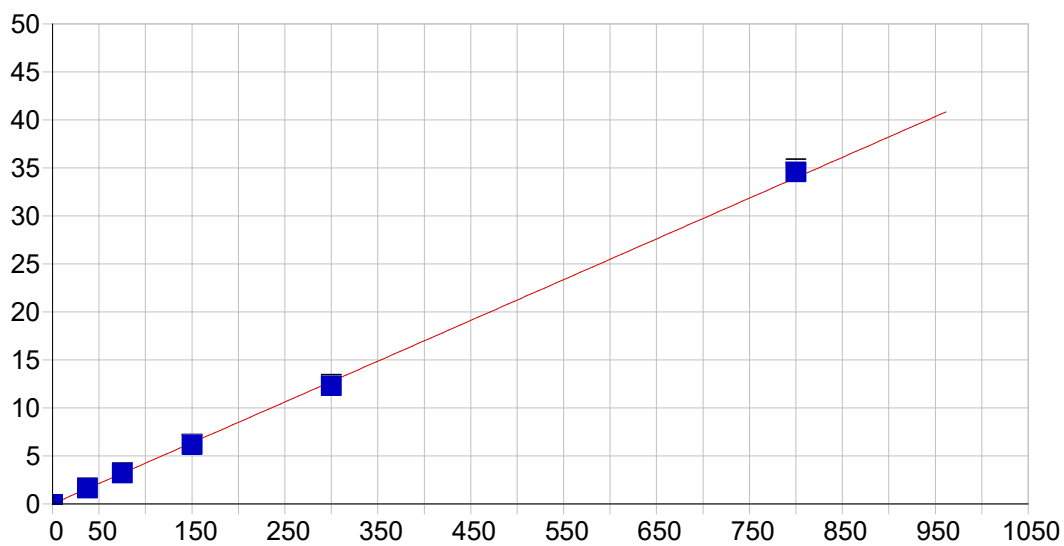


Cu 324.754 {104}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003947 Re-Slope: 1.000000
 A1 (Gain): 0.271964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.002824
 Predicted MQL: 0.009413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00395	.001	1
S1	.02500	.02159	-.003	-13.6	.01118	.001	1
S2	3.7500	3.8544	.104	2.78	1.0686	.003	1
S3	7.5000	7.6260	.126	1.68	2.1107	.007	1
S4	15.000	14.872	-.128	-.855	4.1139	.015	1
S5	30.000	29.902	-.098	-.327	8.2670	.023	1

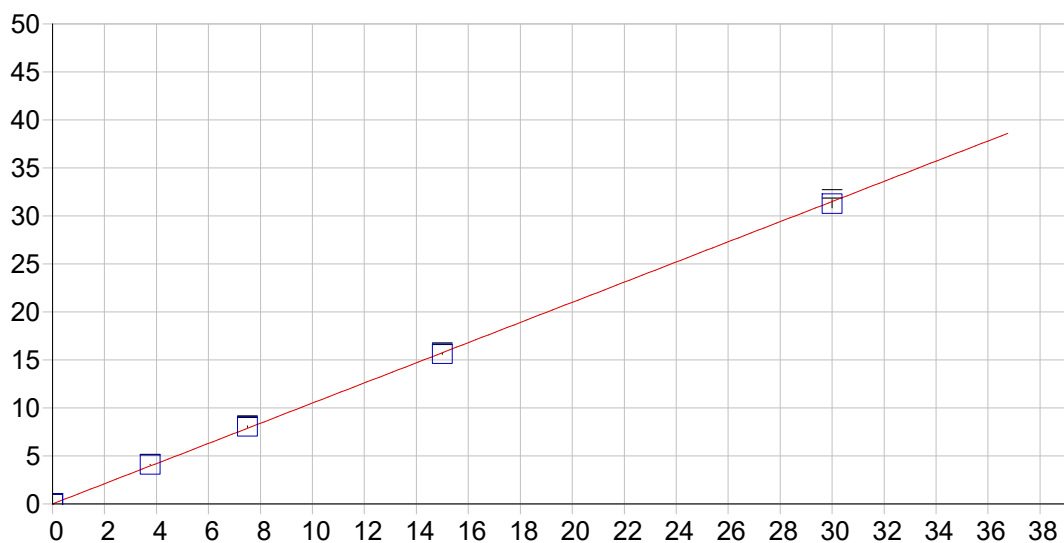


Fe 259.837 {130}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000638 Re-Slope: 1.000000
 A1 (Gain): 0.042470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000440
 Predicted MDL: 0.009532
 Predicted MQL: 0.031773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.000	1
S1	.10000	.11445	.014	14.4	.00567	.001	1
S2	37.500	38.373	.873	2.33	1.6337	.011	1
S3	75.000	75.280	.280	.374	3.2044	.026	1
S4	150.00	145.50	-4.50	-3.00	6.1932	.030	1
S5	300.00	289.47	-10.5	-3.51	12.321	.133	1
S6	800.00	813.88	13.9	1.73	34.609	.304	1

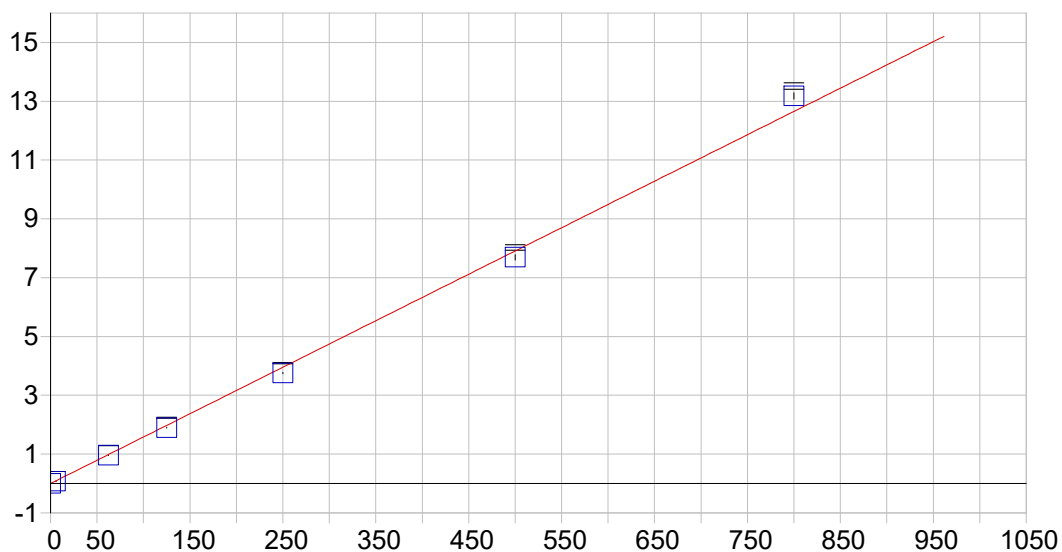


Mn 257.610 {131}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001363	Re-Slope:	1.000000
A1 (Gain):	1.049977	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000556		
Predicted MDL:	0.000410		
Predicted MQL:	0.001367		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00136	.000	1
S1	.01500	.01692	.002	12.8	.01913	.000	1
S2	3.7500	3.9010	.151	4.03	4.0973	.028	1
S3	7.5000	7.6694	.169	2.26	8.0541	.077	1
S4	15.000	14.898	-.102	-.683	15.643	.079	1
S5	30.000	29.780	-.220	-.733	31.270	.433	1

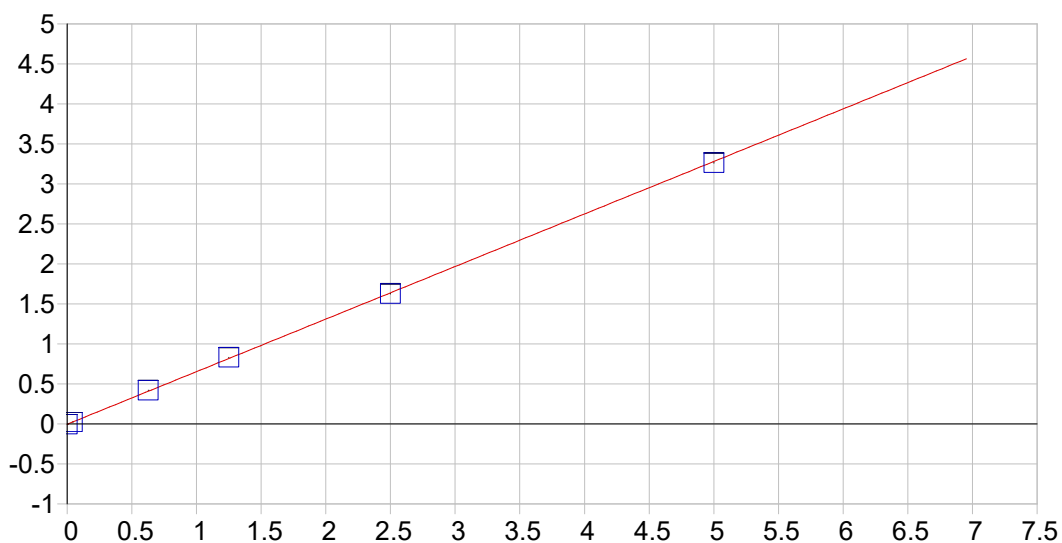


Mg 279.079 {121}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000556 Re-Slope: 1.000000
 A1 (Gain): 0.015819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999234 Status: OK.
 Std Error of Est: 0.002162
 Predicted MDL: 0.028576
 Predicted MQL: 0.095252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	-.00055	.000	1
S1	5.0000	5.1605	.161	3.21	.08108	.000	1
S2	62.500	60.340	-2.16	-3.46	.95395	.007	1
S3	125.00	120.07	-4.93	-3.95	1.8988	.015	1
S4	250.00	237.41	-12.6	-5.04	3.7549	.023	1
S5	500.00	486.24	-13.8	-2.75	7.6912	.094	1
S6	800.00	833.28	33.3	4.16	13.181	.113	1

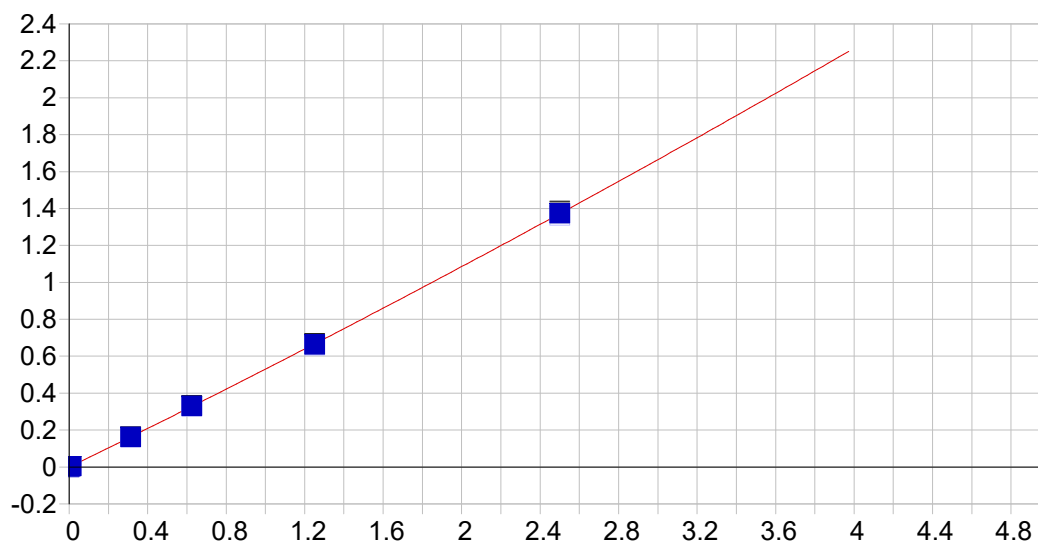


Ni 231.604 {446}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003498 Re-Slope: 1.000000
 A1 (Gain): 0.656881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000214
 Predicted MDL: 0.000627
 Predicted MQL: 0.002089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00350	.000	1
S1	.04000	.04458	.005	11.4	.02578	.000	1
S2	.62500	.64451	.020	3.12	.41987	.001	1
S3	1.2500	1.2711	.021	1.69	.83145	.002	1
S4	2.5000	2.4833	-.017	-.666	1.6278	.003	1
S5	5.0000	4.9715	-.029	-.570	3.2622	.004	1

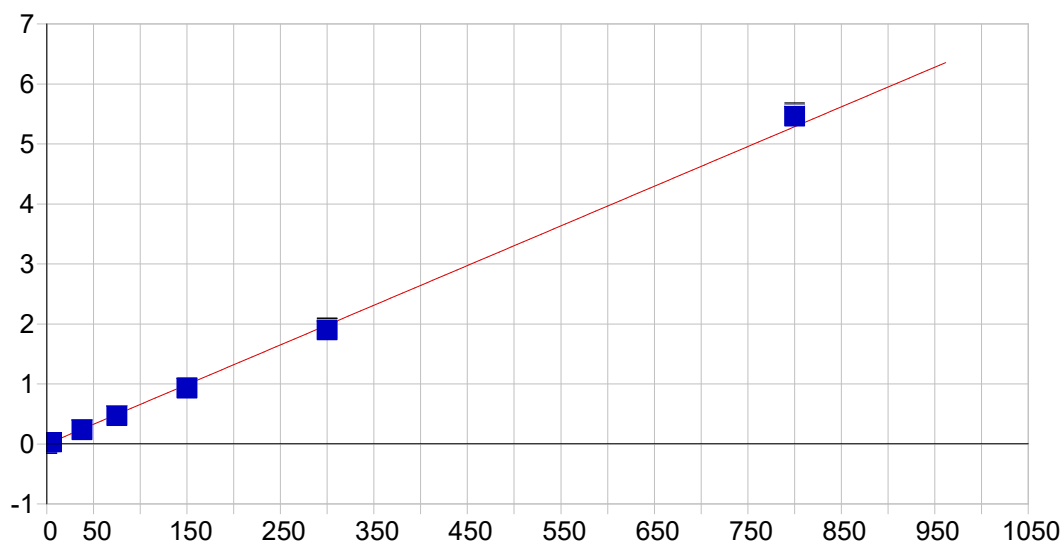


Ag 328.068 {103}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.001129	Re-Slope:	1.000000
A1 (Gain):	0.519074	Y-int:	0.000000
A2 (Curvature):	0.012064		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	Warning Positive Curvature
Std Error of Est:	0.000026		
Predicted MDL:	0.000488		
Predicted MQL:	0.001627		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00113	.000	1
S1	.01000	.01080	.001	8.00	.00444	.000	1
S2	.31250	.31166	-.001	-.268	.16043	.001	1
S3	.62500	.62884	.004	.615	.32728	.001	1
S4	1.2500	1.2443	-.006	-.457	.65787	.005	1
S5	2.5000	2.5019	.002	.076	1.3620	.014	1

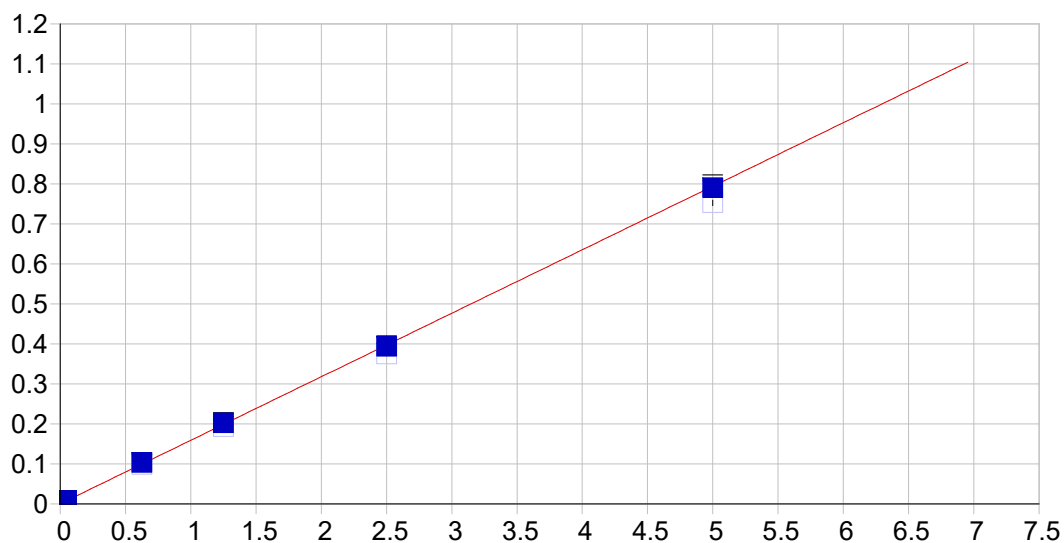


Na 818.326 { 41}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004301	Re-Slope:	1.000000
A1 (Gain):	0.006612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999211	Status:	OK.
Std Error of Est:	0.000816		
Predicted MDL:	0.304948		
Predicted MQL:	1.016493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00069	.001	.000	-.00430	.000	1
S1	5.0000	5.0945	.094	1.89	.02939	.000	1
S2	37.500	35.943	-1.56	-4.15	.23445	.003	1
S3	75.000	71.563	-3.44	-4.58	.47106	.003	1
S4	150.00	140.67	-9.33	-6.22	.93018	.006	1
S5	300.00	287.76	-12.2	-4.08	1.9071	.026	1
S6	800.00	826.47	26.5	3.31	5.4836	.034	1

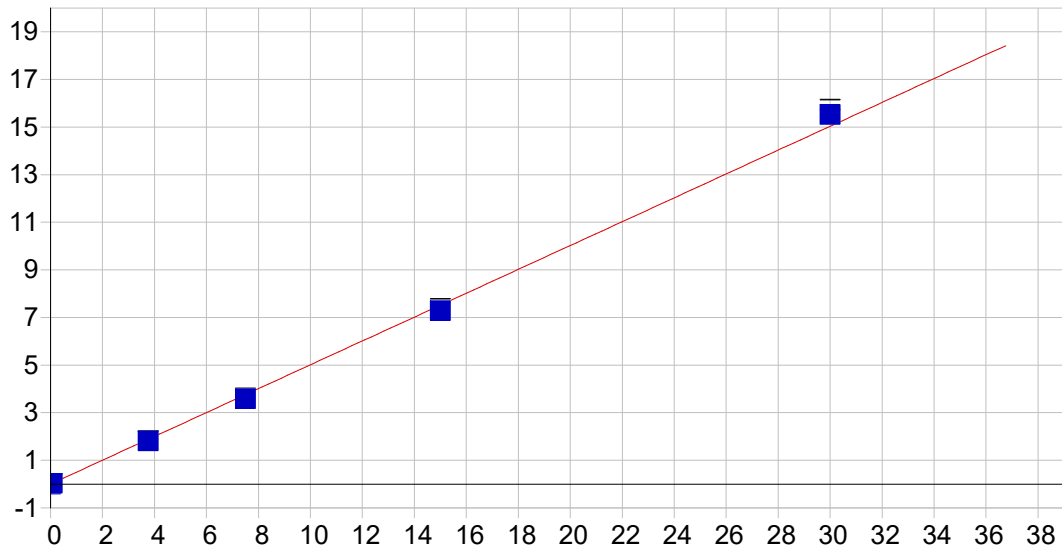


V 292.402 {115}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000314	Re-Slope:	1.000000
A1 (Gain):	0.158772	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.003298		
Predicted MQL:	0.010994		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00031	.000	1
S1	.05000	.05358	.004	7.15	.00880	.000	1
S2	.62500	.64637	.021	3.42	.09818	.001	1
S3	1.2500	1.2703	.020	1.62	.19249	.001	1
S4	2.5000	2.4779	-.022	-.884	.37471	.002	1
S5	5.0000	4.9767	-.023	-.467	.75241	.007	1

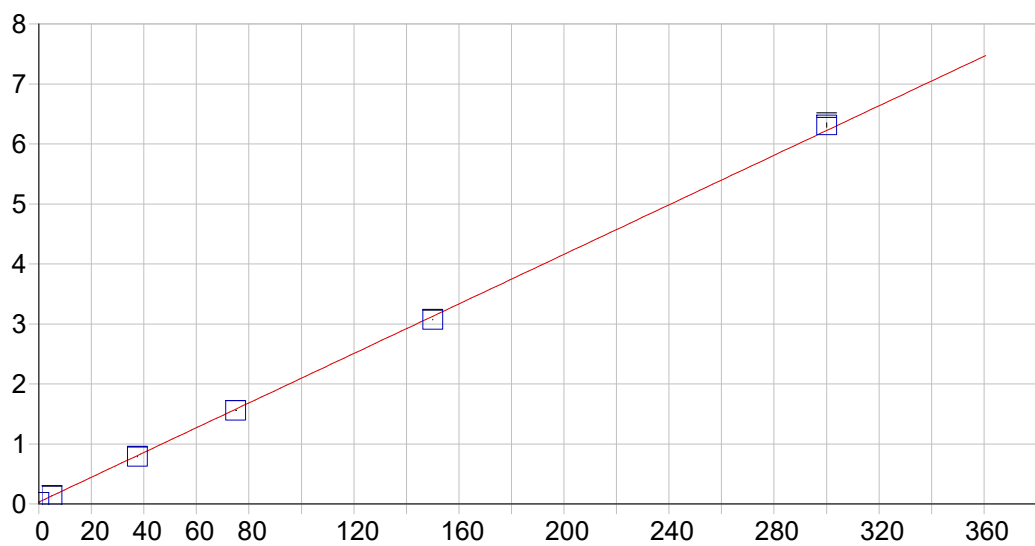


Zn 213.856 {158}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000389 Re-Slope: 1.000000
 A1 (Gain): 0.501121 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999401 Status: OK.
 Std Error of Est: 0.001237
 Predicted MDL: 0.001591
 Predicted MQL: 0.005302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.06000	.06214	.002	3.56	.03161	.001	1
S2	3.7500	3.6064	-.144	-3.83	1.8107	.009	1
S3	7.5000	7.1452	-.355	-4.73	3.5872	.025	1
S4	15.000	14.534	-.466	-3.11	7.2958	.084	1
S5	30.000	30.963	.963	3.21	15.541	.206	1

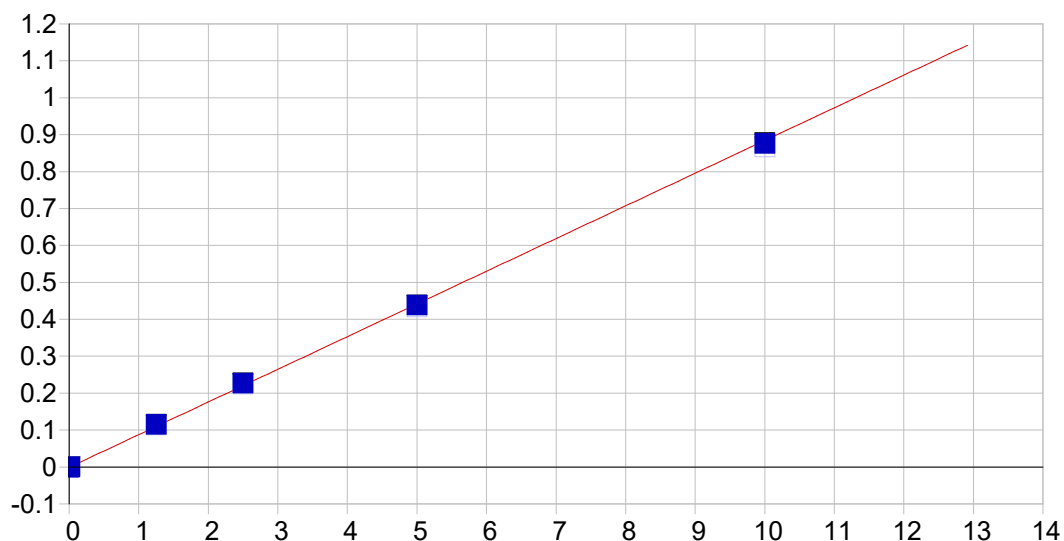


K 769.896 { 44 }

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031340 Re-Slope: 1.000000
 A1 (Gain): 0.020638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000686
 Predicted MDL: 0.091619
 Predicted MQL: 0.305396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.03134	.001	1
S1	5.0000	5.1334	.133	2.67	.13728	.002	1
S2	37.500	36.738	-.762	-2.03	.78954	.005	1
S3	75.000	73.877	-1.12	-1.50	1.5560	.001	1
S4	150.00	147.35	-2.65	-1.77	3.0723	.004	1
S5	300.00	304.41	4.41	1.47	6.3137	.037	1

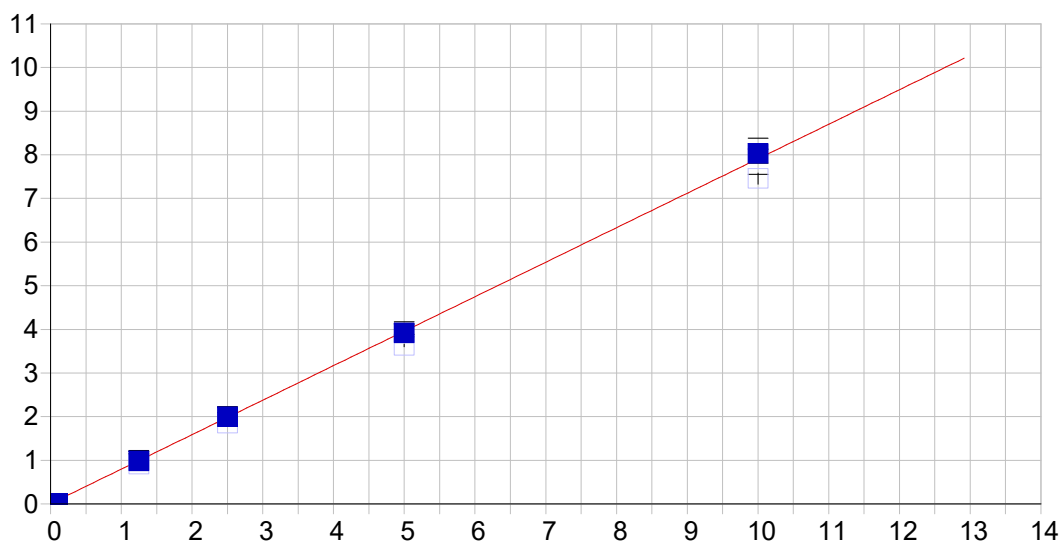


P 177.495 {490}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000975 Re-Slope: 1.000000
 A1 (Gain): 0.088523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002120
 Predicted MQL: 0.007068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.01000	.01344	.003	34.4	.00021	.000	1
S2	1.2500	1.3050	.055	4.40	.11330	.001	1
S3	2.5000	2.5728	.073	2.91	.22430	.000	1
S4	5.0000	4.9632	-.037	-.737	.43342	.000	1
S5	10.000	9.9056	-.094	-.944	.86598	.002	1

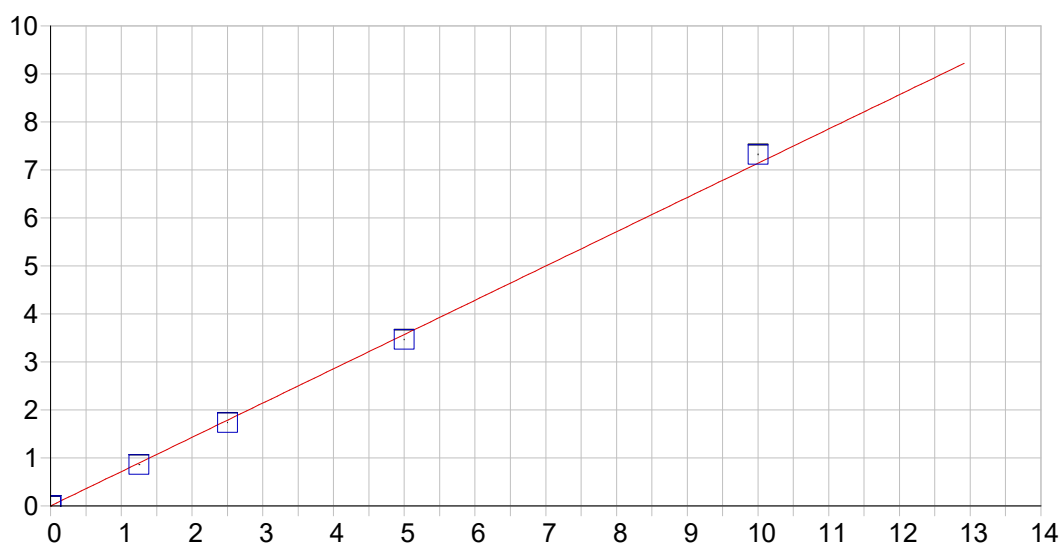


B 249.678 {135}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006207 Re-Slope: 1.000000
 A1 (Gain): 0.790393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997313 Status: OK.
 Std Error of Est: 0.002862
 Predicted MDL: 0.000894
 Predicted MQL: 0.002981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00628	.001	1
S1	.10000	.00810	-.092	-91.9	.01244	.000	1
S2	1.2500	1.2374	-.013	-1.01	.91251	.011	1
S3	2.5000	2.5119	.012	.477	1.8482	.011	1
S4	5.0000	4.9489	-.051	-1.02	3.6310	.027	1
S5	10.000	10.151	.151	1.51	7.4556	.127	1

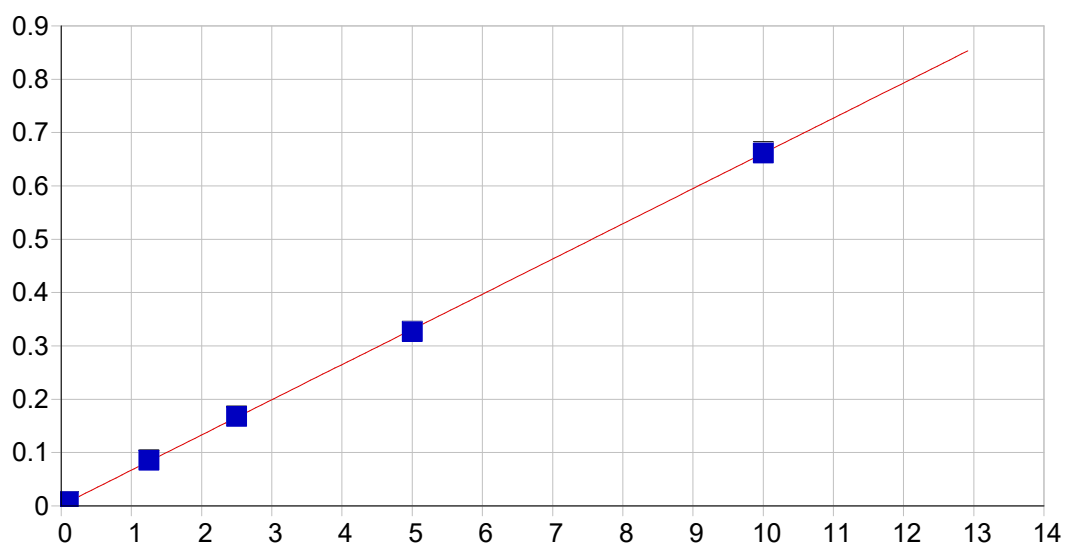


Mo 202.030 {467}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000925	Re-Slope:	1.000000
A1 (Gain):	0.713840	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999622	Status:	OK.
Std Error of Est:	0.000329		
Predicted MDL:	0.000450		
Predicted MQL:	0.001500		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.01000	.00972	-.000	-2.80	.00786	.000	1
S2	1.2500	1.2059	-.044	-3.53	.86174	.001	1
S3	2.5000	2.4309	-.069	-2.76	1.7362	.002	1
S4	5.0000	4.8565	-.144	-2.87	3.4677	.007	1
S5	10.000	10.257	.257	2.57	7.3228	.009	1

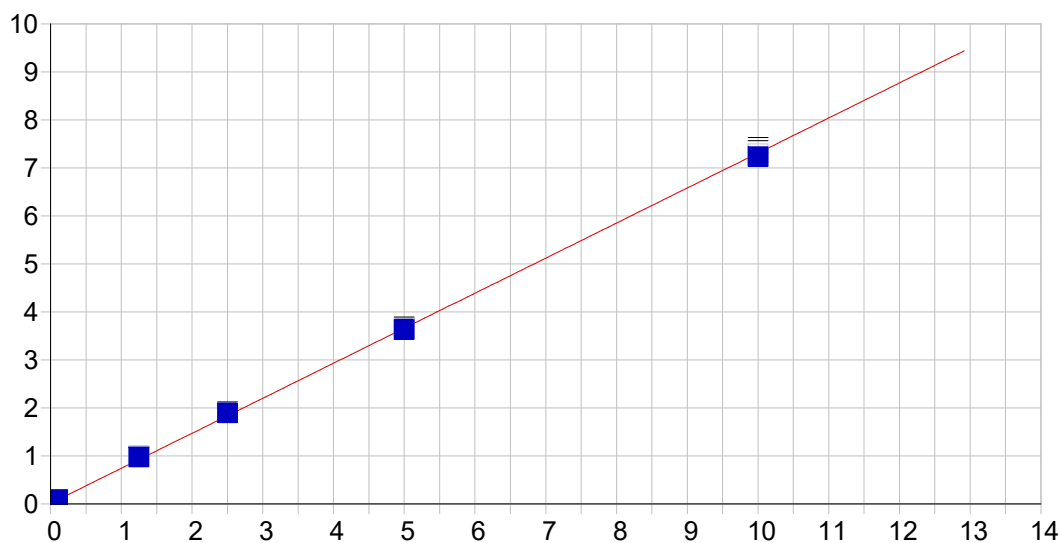


S 182.034 {485}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001012 Re-Slope: 1.000000
 A1 (Gain): 0.065995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.003411
 Predicted MQL: 0.011369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00101	.000	1
S1	.10000	.10602	.006	6.02	.00801	.000	1
S2	1.2500	1.2801	.030	2.41	.08566	.000	1
S3	2.5000	2.5245	.024	.979	.16796	.001	1
S4	5.0000	4.9345	-.065	-1.31	.32736	.000	1
S5	10.000	10.005	.005	.049	.66267	.002	1

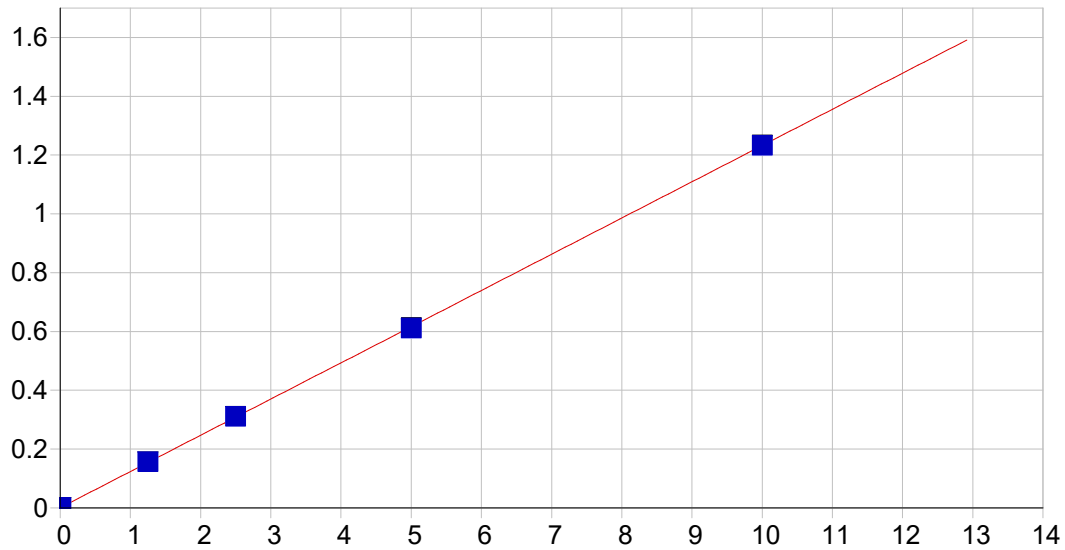


Si 251.611 {134}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011716 Re-Slope: 1.000000
 A1 (Gain): 0.729892 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000810
 Predicted MDL: 0.000984
 Predicted MQL: 0.003278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01171	.001	1
S1	.10000	.10046	.000	.460	.08530	.001	1
S2	1.2500	1.3204	.070	5.64	.98357	.009	1
S3	2.5000	2.5819	.082	3.28	1.9124	.008	1
S4	5.0000	4.9550	-.045	-.900	3.6606	.028	1
S5	10.000	9.8922	-.108	-1.08	7.2965	.128	1

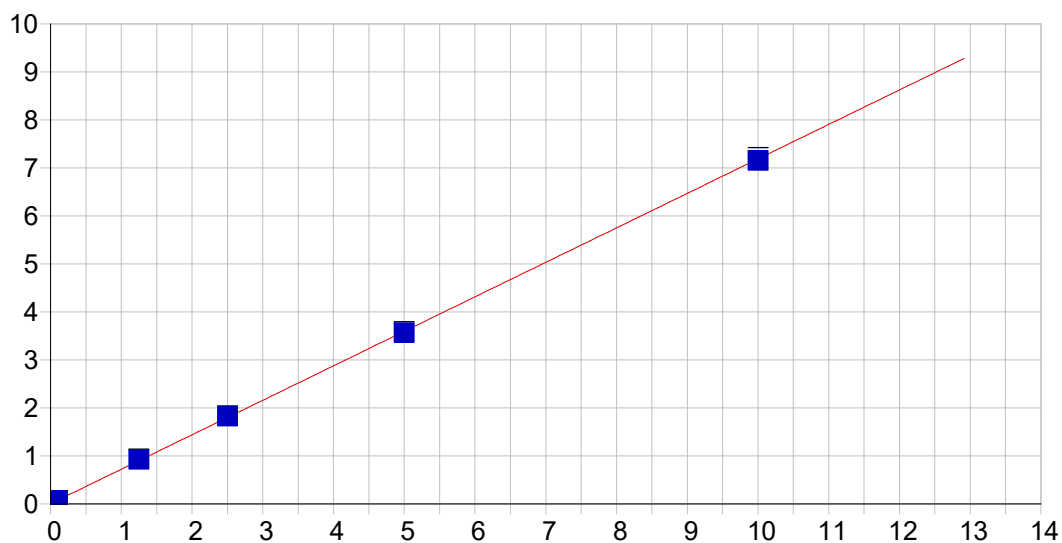


Sn 189.989 {478}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000624	Re-Slope:	1.000000
A1 (Gain):	0.123169	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.001568		
Predicted MQL:	0.005227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.00700	.00644	-.001	-8.00	.00139	.000	1
S2	1.2500	1.2688	.019	1.51	.15659	.000	1
S3	2.5000	2.5182	.018	.727	.31015	.001	1
S4	5.0000	4.9566	-.043	-.868	.60985	.001	1
S5	10.000	10.007	.007	.070	1.2306	.001	1

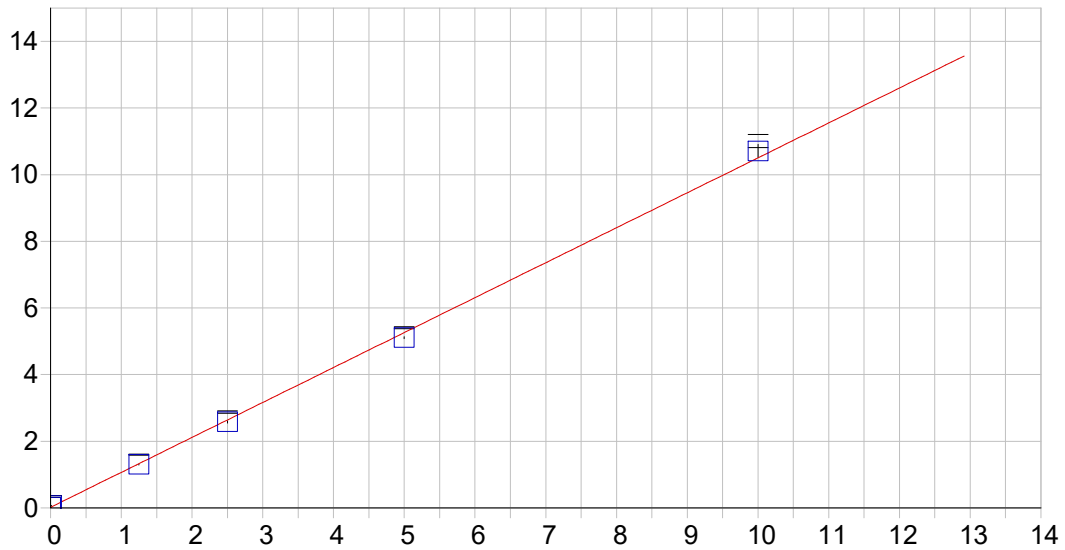


Ti 336.121 {100}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003540	Re-Slope:	1.000000
A1 (Gain):	0.718404	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000457		
Predicted MDL:	0.001205		
Predicted MQL:	0.004016		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00353	.000	1
S1	.10000	.10756	.008	7.56	.08079	.001	1
S2	1.2500	1.2846	.035	2.77	.92612	.007	1
S3	2.5000	2.5408	.041	1.63	1.8283	.005	1
S4	5.0000	4.9610	-.039	-.779	3.5663	.022	1
S5	10.000	9.9559	-.044	-.441	7.1534	.063	1

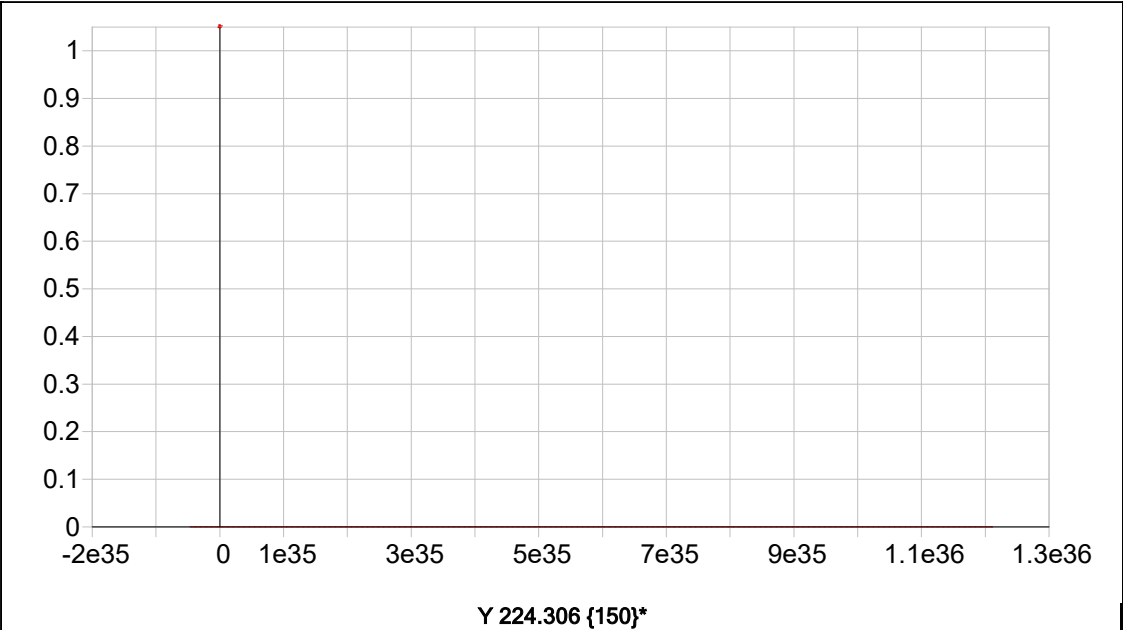


Li 670.784 { 50}

Date of Fit: 07/26/2019 12:34:57 Type of Fit: Linear Weighting: 1/Conc

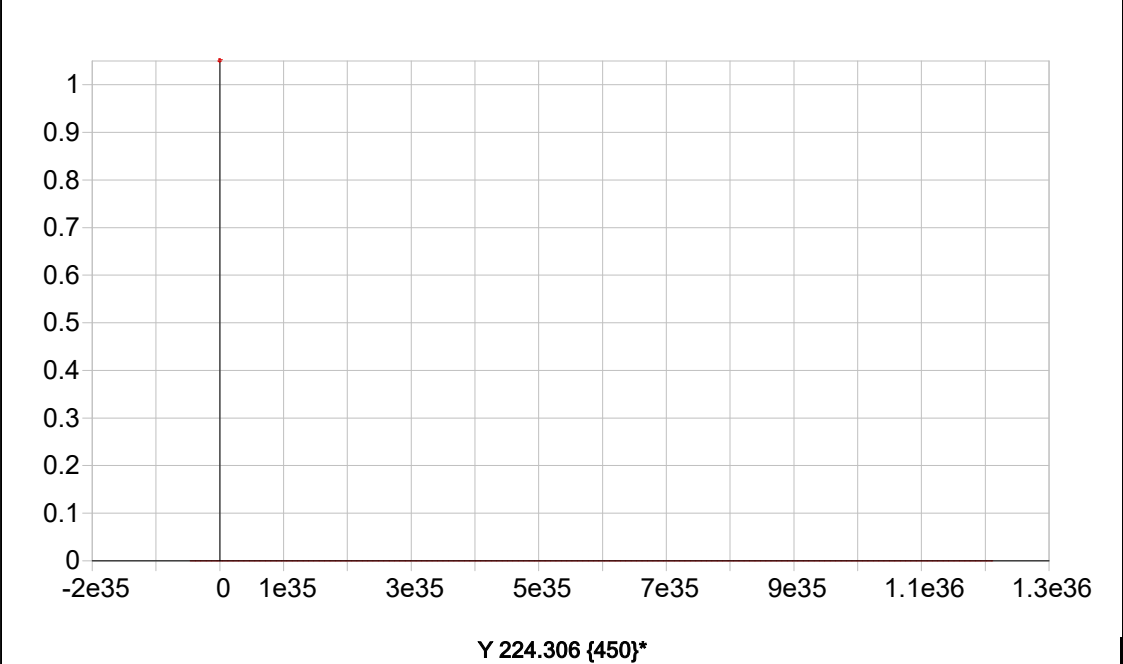
A0 (Offset): 0.018434 Re-Slope: 1.000000
 A1 (Gain): 1.048642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997586 Status: OK.
 Std Error of Est: 0.001499
 Predicted MDL: 0.002037
 Predicted MQL: 0.006789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01840	.001	1
S5	10.000	10.197	.197	1.97	10.711	.200	1
S4	5.0000	4.8517	-.148	-2.97	5.1061	.028	1
S3	2.5000	2.4415	-.058	-2.34	2.5787	.038	1
S2	1.2500	1.2251	-.025	-1.99	1.3031	.016	1
S1	.01500	.04979	.035	232.	.07065	.002	1

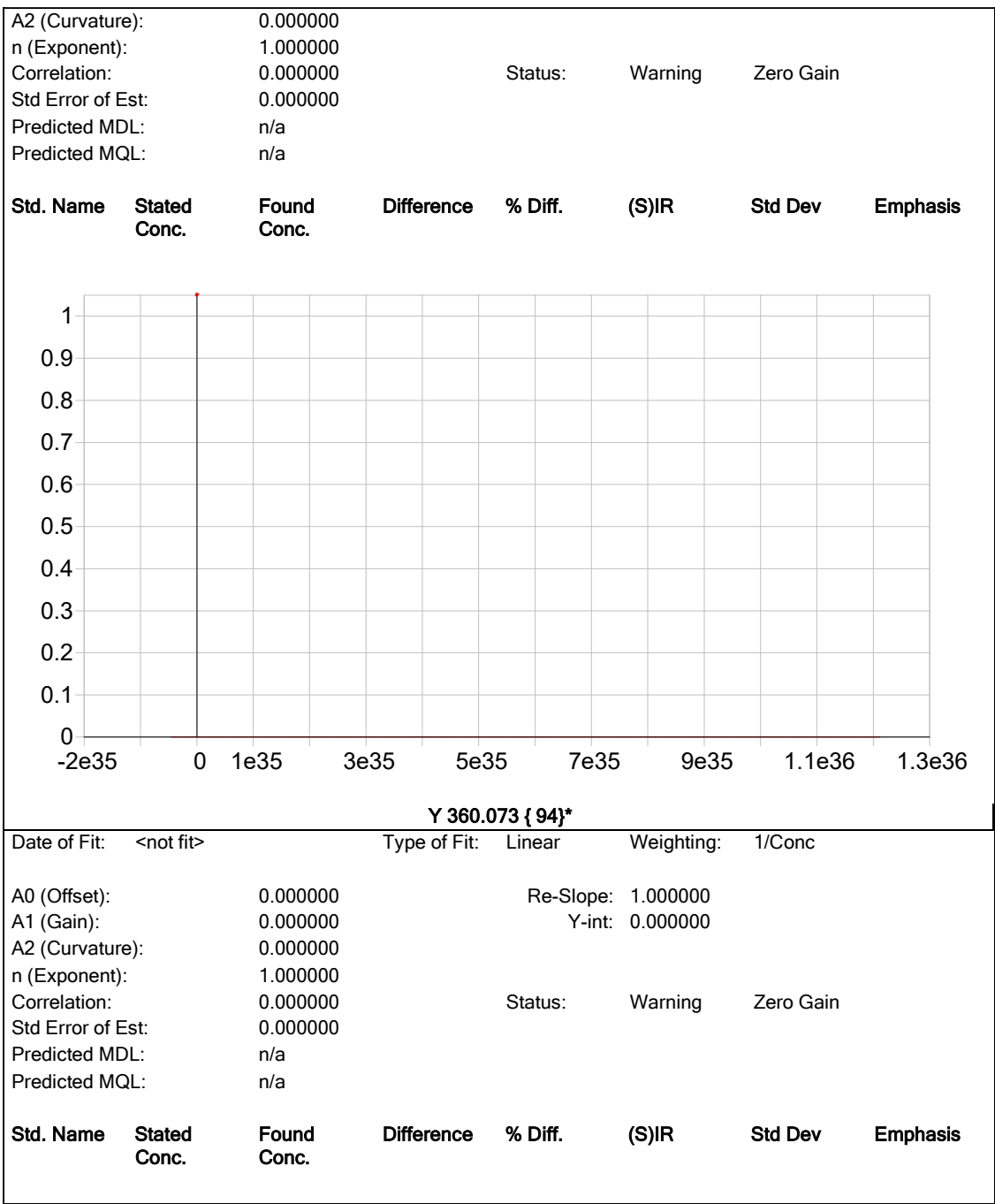


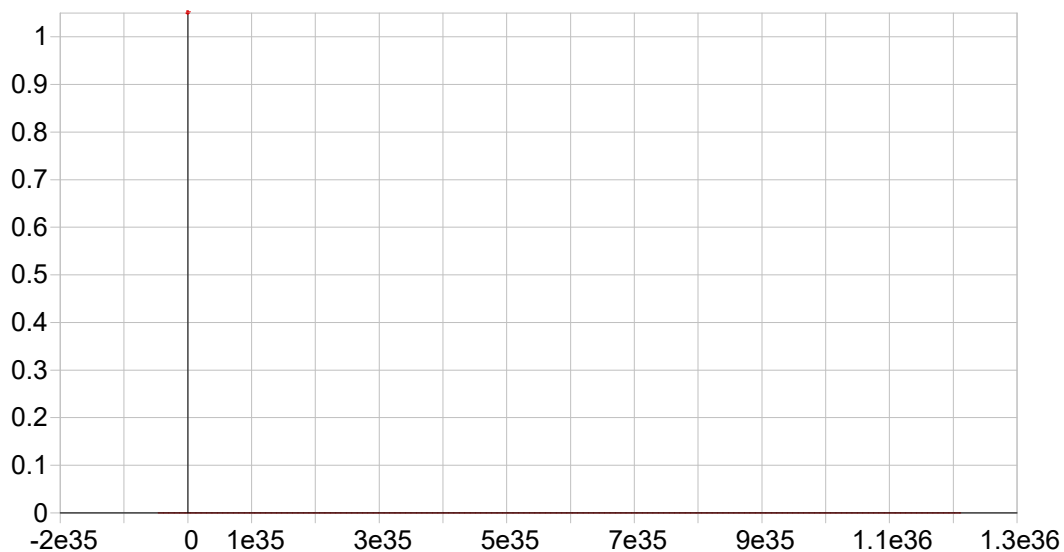
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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



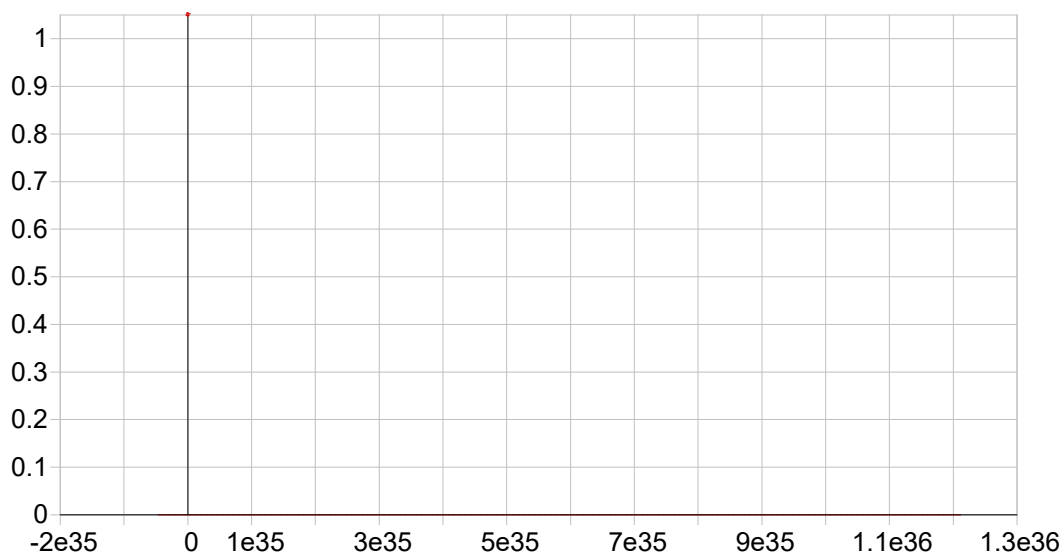


Y 371.030 { 91}*

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

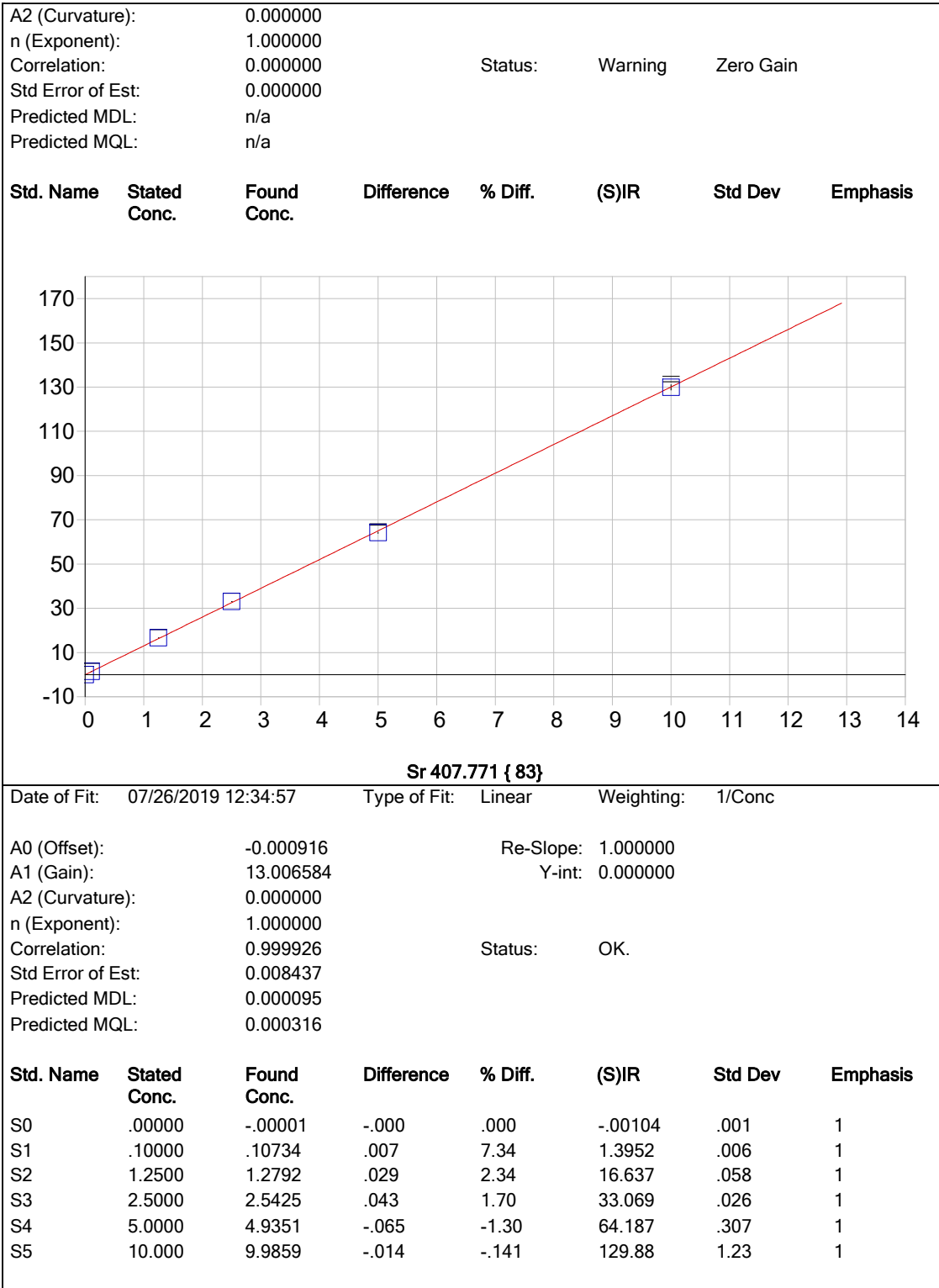
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

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



Sample Name: ICV Acquired: 07/26/2019 12:26:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9617254	.9834069	.9986928	.9548142	.9176011	2.345728
Stddev	.0045160	.0038409	.0033727	.0014333	.0044742	.020939
%RSD	.4695687	.3905742	.3377116	.1501179	.4875977	.8926592

#1	.9658840	.9799048	.9986950	.9564244	.9154597	2.369863
#2	.9569215	.9875147	.9953189	.9536775	.9145999	2.332396
#3	.9623706	.9828012	1.002064	.9543406	.9227435	2.334925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5205337	.5138873	.5383892	10.57197	.5232517	.5273027
Stddev	.0047532	.0035167	.0009644	.11086	.0017109	.0004526
%RSD	.9131380	.6843375	.1791197	1.048638	.3269809	.0858285

#1	.5259477	.5178687	.5373645	10.69318	.5232508	.5268503
#2	.5186073	.5112047	.5385240	10.54700	.5249631	.5277554
#3	.5170461	.5125885	.5392790	10.47572	.5215412	.5273024

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4914216	5.460230	.5276439	5.943542	.5371493	.4555867
Stddev	.0011750	.045032	.0026940	.006438	.0016693	.0025793
%RSD	.2391079	.8247299	.5105814	.1083147	.3107783	.5661440

#1	.4919455	5.512225	.5306642	5.949934	.5368588	.4585601
#2	.4900758	5.433716	.5267788	5.943634	.5356443	.4542482
#3	.4922436	5.434748	.5254886	5.937060	.5389448	.4539518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.682140	.5376642	.9676287	10.04103	F .0033578	5.234959
Stddev	.405599	.0043610	.0050910	.09096	.0011432	.053773
%RSD	4.189150	.8111025	.5261283	.9058901	34.04612	1.027190

#1	9.944655	.5402119	.9730720	10.14457	.0022884	5.296414
#2	9.214988	.5401520	.9668294	9.97399	.0045628	5.196552
#3	9.886778	.5326287	.9629847	10.00453	.0032223	5.211910

Sample Name: ICV Acquired: 07/26/2019 12:26:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878373	F .0099484	4.950541	5.224962	5.332069	F .0064695
Stddev	.009699	.0012829	.031169	.007253	.040551	.0020976
%RSD	.1988125	12.89552	.6295981	.1388080	.7605142	32.42316

#1	4.871133	.0113840	4.985957	5.231896	5.378803	.0086265
#2	4.874594	.0095471	4.927287	5.217428	5.311218	.0044367
#3	4.889393	.0089141	4.938377	5.225564	5.306186	.0063454

Elem	Sr4077
Units	ppm
Avg	F .0121862
Stddev	.0000784
%RSD	.6430413

#1	.0122556
#2	.0122017
#3	.0121012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.586	2165.268	28661.69	4957.337	2489.299
Stddev	5.317	5.354	120.86	34.564	3.171
%RSD	.3625227	.2472495	.4216667	.6972310	.1273992

#1	1464.580	2169.025	28605.85	4925.174	2489.759
#2	1462.565	2167.641	28578.86	4952.952	2492.215
#3	1472.614	2159.138	28800.37	4993.884	2485.923

Sample Name: S0 Acquired: 07/26/2019 11:58:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	-.00054	-.00123	-.00020	.00146	.00150	.00866	.00746	-.00352
Stddev	.00009	.00007	.00043	.00016	.00010	.00031	.00209	.00006
%RSD	15.851	5.2941	211.02	11.089	6.5725	3.5758	27.998	1.7674

#1	-.00045	-.00122	-.00047	.00148	.00138	.00885	.00871	-.00359
#2	-.00055	-.00118	.00029	.00162	.00156	.00882	.00505	-.00349
#3	-.00062	-.00131	-.00043	.00129	.00154	.00830	.00862	-.00348

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00039	.00095	.00008	.00080	.00395	.00064	.00136	-.00055
Stddev	.00044	.00122	.00005	.00044	.00080	.00022	.00014	.00041
%RSD	114.18	128.68	62.567	54.896	20.343	33.942	10.041	75.227

#1	-.00031	-.00003	.00006	.00037	.00307	.00070	.00138	-.00008
#2	-.00086	.00231	.00013	.00125	.00411	.00040	.00122	-.00085
#3	.00001	.00056	.00005	.00080	.00465	.00082	.00149	-.00072

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	-.00350	-.00113	-.00430	.00031	.00039	.03134	-.00098	.00628
Stddev	.00030	.00005	.00025	.00011	.00045	.00101	.00012	.00057
%RSD	8.5410	4.1300	5.8354	36.279	115.20	3.2241	12.766	9.0977

#1	-.00374	-.00108	-.00436	.00023	-.00012	.03238	-.00084	.00658
#2	-.00361	-.00115	-.00451	.00044	.00072	.03036	-.00107	.00562
#3	-.00317	-.00116	-.00402	.00026	.00057	.03128	-.00102	.00664

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	.00093	.00101	.01171	.00062	.00353	.01840	-.00104	
Stddev	.00020	.00021	.00070	.00004	.00033	.00062	.00066	
%RSD	21.306	20.288	5.9469	6.9653	9.4792	3.3465	63.631	

#1	.00089	.00085	.01091	.00066	.00384	.01859	-.00101	
#2	.00114	.00124	.01209	.00058	.00358	.01890	-.00040	
#3	.00075	.00095	.01213	.00063	.00317	.01771	-.00173	

Sample Name: S0 Acquired: 07/26/2019 11:58:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	1449.8	2121.9	28216.	4944.1	2391.0
Stddev	3.4	1.5	20.	19.1	4.6
%RSD	.23726	.07083	.07169	.38540	.19387
#1	1445.9	2120.5	28196.	4957.0	2394.0
#2	1451.4	2121.7	28236.	4953.1	2393.3
#3	1452.2	2123.5	28218.	4922.2	2385.7

Sample Name: S1 Acquired: 07/26/2019 12:02:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00034	.00096	.00304	.00665	.01309	.03018	1.0136	.03958
Stddev	.00027	.00024	.00052	.00025	.00023	.00081	.0083	.00034
%RSD	77.703	25.216	16.995	3.7493	1.7450	2.6886	.81392	.86269

#1	.00011	.00120	.00277	.00637	.01310	.03082	1.0047	.03919
#2	.00028	.00071	.00364	.00686	.01331	.02927	1.0153	.03973
#3	.00064	.00097	.00272	.00671	.01285	.03046	1.0209	.03983

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	.02337	.50899	.00234	.06184	.01118	.00567	.01913	.08108
Stddev	.00038	.00306	.00006	.00037	.00110	.00058	.00005	.00018
%RSD	1.6103	.60072	2.4816	.60501	9.8222	10.189	.26365	.22063

#1	.02320	.50546	.00241	.06144	.01188	.00634	.01914	.08113
#2	.02380	.51086	.00232	.06189	.00991	.00529	.01908	.08122
#3	.02311	.51065	.00230	.06219	.01174	.00540	.01918	.08088

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	.02578	.00444	.02939	.00880	.03161	.13728	.00021	.01244
Stddev	.00019	.00022	.00046	.00018	.00099	.00228	.00006	.00017
%RSD	.72803	4.9646	1.5694	2.0594	3.1464	1.6606	28.553	1.3766

#1	.02578	.00435	.02980	.00901	.03273	.13988	.00019	.01234
#2	.02597	.00469	.02889	.00873	.03128	.13637	.00028	.01235
#3	.02560	.00427	.02946	.00868	.03083	.13560	.00017	.01264

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	.00786	.00801	.08530	.00139	.08079	.07065	1.3952
Stddev	.00028	.00022	.00071	.00011	.00122	.00204	.0059
%RSD	3.5251	2.8027	.83140	8.1458	1.5151	2.8940	.42126

#1	.00760	.00775	.08503	.00127	.07952	.07204	1.3889
#2	.00783	.00817	.08477	.00149	.08196	.06830	1.3961
#3	.00815	.00810	.08610	.00142	.08090	.07162	1.4005

Sample Name: S1 Acquired: 07/26/2019 12:02:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1452.1	2139.0	28436.	4988.9	2441.9
Stddev	8.3	4.9	78.	30.8	4.6
%RSD	.57293	.22852	.27264	.61694	.19028
#1	1442.8	2134.5	28437.	5015.6	2437.5
#2	1458.8	2144.2	28358.	4955.2	2446.7
#3	1454.8	2138.4	28513.	4996.0	2441.4

Sample Name: S2 Acquired: 07/26/2019 12:06:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.10906	.11002	1.8255	.18905	.23943	4.0111	12.145	1.0372
Stddev	.00014	.00028	.0023	.00081	.00122	.0250	.104	.0116
%RSD	.12706	.25049	.12366	.42896	.50979	.62417	.85306	1.1168

#1	.10916	.11029	1.8238	.18880	.23825	4.0322	12.250	1.0500
#2	.10891	.11003	1.8248	.18839	.23933	4.0177	12.143	1.0275
#3	.10913	.10974	1.8281	.18996	.24069	3.9834	12.043	1.0341

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	2.7049	5.8254	.80539	.72865	1.0686	1.6337	4.0973	.95395
Stddev	.0048	.0595	.00209	.00030	.0033	.0115	.0284	.00664
%RSD	.17656	1.0219	.26001	.04065	.31253	.70212	.69231	.69650

#1	2.7058	5.8909	.80581	.72850	1.0703	1.6462	4.1293	.96162
#2	2.6997	5.8105	.80312	.72845	1.0707	1.6311	4.0872	.94986
#3	2.7091	5.7747	.80724	.72899	1.0647	1.6237	4.0753	.95037

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	.41987	.16043	.23445	.09818	1.8107	.78954	.11330	.91251
Stddev	.00082	.00107	.00346	.00058	.0093	.00482	.00107	.01087
%RSD	.19533	.66643	1.4748	.58904	.51302	.61082	.94228	1.1909

#1	.41961	.16075	.23485	.09883	1.8011	.78918	.11437	.92493
#2	.41921	.16130	.23769	.09772	1.8197	.79454	.11223	.90476
#3	.42078	.15924	.23081	.09799	1.8113	.78491	.11331	.90783

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	.86174	.08566	.98357	.15659	.92612	1.3031	16.637
Stddev	.00099	.00047	.00938	.00047	.00671	.0156	.058
%RSD	.11507	.55054	.95323	.30148	.72422	1.1964	.34572

#1	.86197	.08592	.99330	.15713	.93270	1.3211	16.657
#2	.86065	.08512	.97459	.15635	.92637	1.2952	16.682
#3	.86259	.08595	.98281	.15628	.91929	1.2931	16.572

Sample Name: S2 Acquired: 07/26/2019 12:06:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1412.7	2107.1	28419.	4989.6	2482.1
Stddev	1.3	1.3	71.	47.5	7.2
%RSD	.09385	.06170	.25155	.95294	.29100
#1	1412.2	2105.6	28450.	4936.1	2474.5
#2	1411.8	2107.8	28337.	5026.9	2482.9
#3	1414.3	2107.8	28470.	5005.8	2488.9

Sample Name: S3 Acquired: 07/26/2019 12:10:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.21971	.22559	3.6332	.38085	.48399	7.9883	24.270	2.0605
Stddev	.00050	.00049	.0066	.00138	.00068	.0322	.240	.0106
%RSD	.22759	.21810	.18262	.36182	.13947	.40349	.98760	.51414

#1	.22010	.22610	3.6263	.38221	.48346	7.9711	24.265	2.0668
#2	.21989	.22556	3.6337	.38090	.48376	8.0255	24.512	2.0665
#3	.21915	.22512	3.6395	.37945	.48475	7.9683	24.033	2.0483

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2582	11.513	1.5828	1.4444	2.1107	3.2044	8.0541	1.8988
Stddev	.0090	.117	.0012	.0027	.0066	.0261	.0775	.0149
%RSD	.17080	1.0140	.07559	.18751	.31154	.81353	.96199	.78563

#1	5.2523	11.520	1.5841	1.4416	2.1034	3.2047	8.0573	1.8954
#2	5.2537	11.625	1.5820	1.4445	2.1163	3.2304	8.1299	1.9150
#3	5.2685	11.392	1.5821	1.4470	2.1122	3.1782	7.9750	1.8858

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	.83145	.32728	.47106	.19249	3.5872	1.5560	.22430	1.8482
Stddev	.00208	.00140	.00293	.00101	.0249	.0006	.00043	.0114
%RSD	.24970	.42864	.62303	.52407	.69500	.03674	.19063	.61526

#1	.82937	.32768	.47016	.19244	3.5678	1.5567	.22473	1.8508
#2	.83145	.32844	.47434	.19352	3.6153	1.5557	.22428	1.8580
#3	.83352	.32572	.46868	.19151	3.5784	1.5557	.22388	1.8357

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	1.7362	.16796	1.9124	.31015	1.8283	2.5787	33.069	
Stddev	.0025	.00056	.0083	.00083	.0052	.0380	.026	
%RSD	.14238	.33145	.43298	.26895	.28370	1.4726	.07849	

#1	1.7390	.16853	1.9183	.31106	1.8258	2.5810	33.039	
#2	1.7344	.16794	1.9158	.30996	1.8342	2.6155	33.083	
#3	1.7352	.16742	1.9029	.30942	1.8248	2.5397	33.085	

Sample Name: S3 Acquired: 07/26/2019 12:10:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1380.3	2054.5	28267.	4949.2	2473.9
Stddev	13.1	3.7	149.	40.4	1.4
%RSD	.94844	.18181	.52788	.81656	.05641
#1	1386.0	2050.3	28307.	4956.3	2473.0
#2	1365.3	2057.3	28101.	4905.7	2475.5
#3	1389.5	2055.9	28391.	4985.6	2473.3

Sample Name: S4 Acquired: 07/26/2019 12:14:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.44076	.45242	7.2790	.76203	.97869	15.904	47.710	3.9739
Stddev	.00159	.00115	.0153	.00065	.00142	.078	.222	.0305
%RSD	.36085	.25387	.20973	.08522	.14510	.49257	.46568	.76736

#1	.44149	.45122	7.2817	.76266	.97989	15.813	47.482	3.9961
#2	.43894	.45351	7.2927	.76136	.97712	15.950	47.925	3.9863
#3	.44186	.45252	7.2625	.76207	.97906	15.948	47.725	3.9391

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.056	22.559	3.0577	2.8269	4.1139	6.1932	15.643	3.7549
Stddev	.024	.100	.0051	.0061	.0151	.0301	.079	.0229
%RSD	.24335	.44157	.16540	.21627	.36643	.48530	.50452	.60965

#1	10.056	22.450	3.0523	2.8263	4.0966	6.1640	15.557	3.7296
#2	10.081	22.645	3.0584	2.8333	4.1239	6.2241	15.712	3.7742
#3	10.032	22.582	3.0623	2.8212	4.1214	6.1914	15.660	3.7610

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	1.6278	.65787	.93018	.37471	7.2958	3.0723	.43342	3.6310
Stddev	.0031	.00472	.00615	.00175	.0841	.0042	.00020	.0267
%RSD	.18844	.71715	.66128	.46623	1.1527	.13769	.04685	.73477

#1	1.6275	.65251	.92311	.37271	7.2061	3.0755	.43351	3.6273
#2	1.6309	.66139	.93431	.37594	7.3085	3.0675	.43319	3.6593
#3	1.6248	.65972	.93313	.37548	7.3728	3.0739	.43356	3.6063

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	3.4677	.32736	3.6606	.60985	3.5663	5.1061	64.187
Stddev	.0074	.00044	.0283	.00142	.0219	.0278	.307
%RSD	.21328	.13504	.77163	.23348	.61521	.54378	.47885

#1	3.4737	.32708	3.6743	.60890	3.5410	5.0784	63.968
#2	3.4594	.32787	3.6795	.61148	3.5801	5.1339	64.055
#3	3.4699	.32712	3.6282	.60916	3.5779	5.1061	64.539

Sample Name: S4 Acquired: 07/26/2019 12:14:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1311.8	1981.8	27972.	4939.6	2451.2
Stddev	4.7	9.4	101.	24.0	6.7
%RSD	.35718	.47340	.36049	.48522	.27330
#1	1312.2	1972.6	28075.	4918.4	2443.5
#2	1316.3	1991.3	27969.	4934.7	2454.4
#3	1306.9	1981.5	27873.	4965.6	2455.6

Sample Name: S5 Acquired: 07/26/2019 12:18:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.92655	.93795	14.951	1.5925	2.0963	32.858	96.338	7.9902
Stddev	.00147	.00211	.027	.0015	.0047	.315	1.285	.1528
%RSD	.15895	.22475	.18153	.09718	.22268	.95964	1.3343	1.9119

#1	.92491	.93960	14.920	1.5936	2.0941	32.896	96.602	7.9863
#2	.92775	.93558	14.968	1.5931	2.1017	33.153	97.471	8.1448
#3	.92700	.93867	14.966	1.5907	2.0932	32.525	94.942	7.8394

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	19.641	45.729	6.0150	5.6926	8.2670	12.321	31.270	7.6912
Stddev	.004	.775	.0114	.0103	.0231	.133	.433	.0936
%RSD	.02079	1.6938	.18966	.17998	.27980	1.0822	1.3845	1.2166

#1	19.642	45.880	6.0231	5.6822	8.2510	12.298	31.295	7.6822
#2	19.636	46.418	6.0020	5.6930	8.2935	12.464	31.690	7.7889
#3	19.644	44.891	6.0199	5.7027	8.2566	12.201	30.825	7.6024

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	3.2622	1.3620	1.9071	.75241	15.541	6.3137	.86598	7.4556
Stddev	.0042	.0137	.0260	.00694	.206	.0370	.00216	.1275
%RSD	.12799	1.0046	1.3611	.92284	1.3273	.58558	.24904	1.7096

#1	3.2574	1.3727	1.9176	.75323	15.434	6.3203	.86755	7.4792
#2	3.2648	1.3466	1.9262	.75891	15.410	6.3469	.86352	7.5696
#3	3.2644	1.3666	1.8775	.74510	15.779	6.2739	.86685	7.3180

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3228	.66267	7.2965	1.2306	7.1534	10.711	129.88
Stddev	.0092	.00154	.1279	.0013	.0631	.200	1.23
%RSD	.12589	.23173	1.7528	.10485	.88224	1.8678	.94740

#1	7.3216	.66441	7.2965	1.2314	7.1594	10.759	128.89
#2	7.3325	.66151	7.4244	1.2291	7.2133	10.883	129.49
#3	7.3142	.66210	7.1686	1.2313	7.0876	10.492	131.26

Sample Name: S5 Acquired: 07/26/2019 12:18:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1180.6	1845.4	27363.	4766.5	2408.6
Stddev	12.2	4.1	339.	58.8	1.7
%RSD	1.0303	.22002	1.2396	1.2333	.07260
#1	1182.4	1844.1	27137.	4747.9	2408.8
#2	1191.8	1842.2	27753.	4719.2	2406.8
#3	1167.7	1850.0	27199.	4832.3	2410.3

Sample Name: S6 Acquired: 07/26/2019 12:22:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: IR Corr. Factor: 1.000000
User: BIN 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	91.141	76.578	34.609	13.181	5.4836
Stddev	.808	.550	.304	.113	.0336
%RSD	.88694	.71801	.87829	.85745	.61239

#1	90.217	75.946	34.258	13.050	5.4487
#2	91.489	76.948	34.793	13.247	5.5157
#3	91.717	76.840	34.776	13.246	5.4865

Int. Std.	Y_3710
Units	Cts/S
Avg	4699.9
Stddev	25.0
%RSD	.53287

#1	4708.2
#2	4719.8
#3	4671.8

Sample Name: ICV Acquired: 07/26/2019 12:26:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9617254	.9834069	.9986928	.9548142	.9176011	2.345728
Stddev	.0045160	.0038409	.0033727	.0014333	.0044742	.020939
%RSD	.4695687	.3905742	.3377116	.1501179	.4875977	.8926592

#1	.9658840	.9799048	.9986950	.9564244	.9154597	2.369863
#2	.9569215	.9875147	.9953189	.9536775	.9145999	2.332396
#3	.9623706	.9828012	1.002064	.9543406	.9227435	2.334925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5205337	.5138873	.5383892	10.57197	.5232517	.5273027
Stddev	.0047532	.0035167	.0009644	.11086	.0017109	.0004526
%RSD	.9131380	.6843375	.1791197	1.048638	.3269809	.0858285

#1	.5259477	.5178687	.5373645	10.69318	.5232508	.5268503
#2	.5186073	.5112047	.5385240	10.54700	.5249631	.5277554
#3	.5170461	.5125885	.5392790	10.47572	.5215412	.5273024

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4914216	5.460230	.5276439	5.943542	.5371493	.4555867
Stddev	.0011750	.045032	.0026940	.006438	.0016693	.0025793
%RSD	.2391079	.8247299	.5105814	.1083147	.3107783	.5661440

#1	.4919455	5.512225	.5306642	5.949934	.5368588	.4585601
#2	.4900758	5.433716	.5267788	5.943634	.5356443	.4542482
#3	.4922436	5.434748	.5254886	5.937060	.5389448	.4539518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.682140	.5376642	.9676287	10.04103	F .0033578	5.234959
Stddev	.405599	.0043610	.0050910	.09096	.0011432	.053773
%RSD	4.189150	.8111025	.5261283	.9058901	34.04612	1.027190

#1	9.944655	.5402119	.9730720	10.14457	.0022884	5.296414
#2	9.214988	.5401520	.9668294	9.97399	.0045628	5.196552
#3	9.886778	.5326287	.9629847	10.00453	.0032223	5.211910

Sample Name: ICV Acquired: 07/26/2019 12:26:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878373	F .0099484	4.950541	5.224962	5.332069	F .0064695
Stddev	.009699	.0012829	.031169	.007253	.040551	.0020976
%RSD	.1988125	12.89552	.6295981	.1388080	.7605142	32.42316

#1	4.871133	.0113840	4.985957	5.231896	5.378803	.0086265
#2	4.874594	.0095471	4.927287	5.217428	5.311218	.0044367
#3	4.889393	.0089141	4.938377	5.225564	5.306186	.0063454

Elem	Sr4077
Units	ppm
Avg	F .0121862
Stddev	.0000784
%RSD	.6430413

#1	.0122556
#2	.0122017
#3	.0121012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.586	2165.268	28661.69	4957.337	2489.299
Stddev	5.317	5.354	120.86	34.564	3.171
%RSD	.3625227	.2472495	.4216667	.6972310	.1273992

#1	1464.580	2169.025	28605.85	4925.174	2489.759
#2	1462.565	2167.641	28578.86	4952.952	2492.215
#3	1472.614	2159.138	28800.37	4993.884	2485.923

Sample Name: ICB Acquired: 07/26/2019 12:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0004403	.0003974	.0018586	-.000907	.0002385	-.000373	.0005713
Stddev	.0019342	.0030966	.0015504	.002417	.0012417	.018524	.0004364
%RSD	439.2529	779.1664	83.41784	266.4038	520.5679	4959.519	76.38856

#1	-.000737	.0035837	.0001185	-.003697	-.000635	.017495	.0003288
#2	-.000615	-.002601	.0030931	.000568	.001660	.000874	.0003100
#3	.002673	.000210	.0023642	.000407	-.000310	-.019489	.0010752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000086	-.003790	-.000918	-.000112	.0056525	.0147071
Stddev	.000029	.000117	.012013	.000236	.000284	.0021591	.0020059
%RSD	108.4274	135.4518	316.9883	25.71041	252.1494	38.19792	13.63904

#1	-.000059	.000023	-.004105	-.001169	-.000414	.0045807	.0166227
#2	-.000003	-.000072	-.015642	-.000700	.000149	.0042389	.0126217
#3	-.000018	-.000210	.008378	-.000886	-.000072	.0081378	.0148770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	.0128667	-.000157	.0000690	-.364763	.0003026	.0023364
Stddev	.0004074	.0297440	.000183	.0002377	.196070	.0016928	.0010968
%RSD	4798.334	231.1708	116.7875	344.6545	53.75287	559.3700	46.94650

#1	-.000071	.0294385	-.000361	.0001203	-.244492	-.001041	.0031949
#2	-.000353	.0306332	-.000007	-.000190	-.591015	-.000255	.0027135
#3	.000450	-.021472	-.000102	.000277	-.258781	.002204	.0011007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489984	.0009427	.0129121	.0008737	-.004648	.0018167	.0004014
Stddev	.0501257	.0004571	.0005889	.0006065	.003232	.0005063	.0014396
%RSD	102.3007	48.48989	4.560764	69.42089	69.53593	27.87091	358.6647

#1	.0768530	.0014696	.0135829	.0002311	-.007197	.0023947	.0018260
#2	-.008868	.0006522	.0124800	.0014362	-.005736	.0014514	-.001053
#3	.079011	.0007064	.0126735	.0009537	-.001013	.0016040	.000431

Sample Name: ICB Acquired: 07/26/2019 12:30:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008854	.0025735	-.000067
Stddev	.0008199	.0008838	.000091
%RSD	92.60025	34.34413	136.2554

#1	.0017923	.0026698	-.000021
#2	.0006675	.0016454	-.000171
#3	.0001965	.0034052	-.000008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.968	2141.919	28010.29	4860.191	2415.115
Stddev	5.921	1.756	32.41	63.362	4.351
%RSD	.4120340	.0819991	.1157054	1.303696	.1801511

#1	1432.311	2140.373	28041.67	4790.285	2410.133
#2	1443.631	2141.555	28012.25	4913.842	2418.170
#3	1434.962	2143.829	27976.94	4876.448	2417.042

Sample Name: ICSA Acquired: 07/26/2019 12:35:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000842	.0021821	-.001642	.0062737	.0018688	235.7430
Stddev	.000756	.0020153	.000746	.0011446	.0005005	1.1385
%RSD	89.81903	92.35656	45.41913	18.24419	26.78044	.4829392

#1	.000019	.0035396	-.002501	.0072926	.0023082	234.5040
#2	-.001148	-.000134	-.001170	.0064931	.0013240	236.7430
#3	-.001397	.003140	-.001254	.0050352	.0019740	235.9819

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062371	.0011065	-.000830	256.8221	.0520589	.0002803
Stddev	.0005535	.0000090	.000103	2.0407	.0004440	.0003813
%RSD	8.874589	.8160582	12.44260	.7946130	.8528538	136.0291

#1	.0056109	.0011125	-.000713	254.6143	.0517389	.0006356
#2	.0064394	.0011108	-.000867	258.6394	.0525658	.0003276
#3	.0066610	.0010961	-.000909	257.2126	.0518720	-.000122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010432	103.5146	.0158727	259.2785	.0038389	-.000123
Stddev	.0009176	.5949	.0000840	2.1943	.0010916	.000062
%RSD	87.96287	.5747089	.5289715	.8463251	28.43498	50.29652

#1	.0010666	102.8722	.0158314	256.7715	.0049468	-.000104
#2	.0001140	104.0465	.0158174	260.8505	.0027643	-.000073
#3	.0019488	103.6251	.0159694	260.2134	.0038057	-.000192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.497171	.0030232	.0023282	-.128374	.0088941	.0033668
Stddev	.238284	.0011765	.0012676	.073871	.0004319	.0016401
%RSD	47.92806	38.91436	54.44540	57.54353	4.855535	48.71288

#1	-.771180	.0028077	.0022252	-.159179	.0084509	.0046929
#2	-.381816	.0019695	.0011152	-.044086	.0089177	.0015329
#3	-.338517	.0042926	.0036441	-.181857	.0093136	.0038746

Sample Name: ICSA Acquired: 07/26/2019 12:35:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002065	F .0089615	F -.004755	-.003690	F -.001508	W .0043341
Stddev	.0002042	.0030093	.000692	.000135	.001167	.0007029
%RSD	98.88803	33.58028	14.56228	3.666332	77.36871	16.21818

#1	.0004219	.0085132	-.004079	-.003792	-.000740	.0048010
#2	.0001820	.0121698	-.005463	-.003740	-.000933	.0046756
#3	.0000157	.0062015	-.004723	-.003536	-.002850	.0035257

Elem	Sr4077
Units	ppm
Avg	F .1039957
Stddev	.0005615
%RSD	.5399667

#1	.1046424
#2	.1037128
#3	.1036319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.370	2075.220	27610.91	4818.996	2424.807
Stddev	5.324	1.627	97.76	35.717	.507
%RSD	.3823702	.0784190	.3540500	.7411788	.0209294

#1	1386.230	2075.107	27561.07	4857.575	2424.635
#2	1395.188	2073.651	27548.13	4787.079	2425.378
#3	1395.694	2076.900	27723.55	4812.334	2424.407

Sample Name: ICSAB Acquired: 07/26/2019 12:39:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950623	.1061814	.0454314	.0555760	.6009401	235.3207
Stddev	.0053970	.0030028	.0033539	.0012464	.0132171	1.2992
%RSD	5.677360	2.828030	7.382248	2.242653	2.199397	.5521066

#1	.0896741	.1030748	.0416645	.0545557	.5874557	235.5980
#2	.1004681	.1090684	.0480935	.0552071	.6014921	233.9052
#3	.0950446	.1064010	.0465363	.0569652	.6138725	236.4589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080695	.5020154	1.029796	258.4959	.5431201	.5207862
Stddev	.0039682	.0062648	.019617	2.5651	.0017382	.0099948
%RSD	.7810366	1.247928	1.904975	.9923046	.3200317	1.919179

#1	.5083828	.4959852	1.008842	259.3999	.5420576	.5097654
#2	.5039539	.5015701	1.032819	255.6012	.5421767	.5233296
#3	.5118718	.5084910	1.047726	260.4865	.5451259	.5292635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4537233	104.1726	.5087456	260.8535	1.053007	.2037694
Stddev	.0044895	.5963	.0059631	1.6246	.020537	.0008215
%RSD	.9894703	.5724581	1.172114	.6227926	1.950315	.4031680

#1	.4567727	104.4170	.5092105	261.5016	1.030465	.2042020
#2	.4485681	103.4928	.5025637	259.0049	1.057900	.2028219
#3	.4558292	104.6079	.5144627	262.0540	1.070655	.2042842

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.598762	.5013049	.9151657	-.095120	F .0107056	.0002706
Stddev	.081359	.0046708	.0147967	.058485	.0006752	.0010495
%RSD	13.58780	.9317368	1.616832	61.48613	6.306530	387.8416

#1	-.556279	.4980869	.9317612	-.080756	.0110415	.0014693
#2	-.692569	.4991657	.9033487	-.045154	.0111468	-.000174
#3	-.547440	.5066623	.9103873	-.159449	.0099284	-.000483

Sample Name: ICSAB Acquired: 07/26/2019 12:39:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002308	F .0064714	F -.002155	-.002612	F -.002245	W -.000760
Stddev	.0002583	.0038142	.000655	.001672	.000456	.000934
%RSD	111.9138	58.93924	30.39574	63.98232	20.31405	122.9004
#1	.0005285	.0083203	-.001501	-.001273	-.001811	.000317
#2	.0000670	.0020851	-.002153	-.002079	-.002720	-.001341
#3	.0000968	.0090087	-.002811	-.004486	-.002204	-.001256

Elem	Sr4077
Units	ppm
Avg	F .1040201
Stddev	.0002159
%RSD	.2075820
#1	.1038011
#2	.1040264
#3	.1042328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.767	2065.615	27633.26	4813.717	2423.104
Stddev	14.645	5.419	220.52	30.430	.823
%RSD	1.053015	.2623438	.7980093	.6321421	.0339826
#1	1376.136	2068.955	27387.12	4825.694	2423.469
#2	1405.426	2068.527	27812.80	4836.337	2423.682
#3	1390.738	2059.362	27699.86	4779.122	2422.161

Sample Name: CCV031 Acquired: 07/26/2019 12:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789810	5.048020	24.84097	4.824671	4.901650	399.2219	10.19641
Stddev	.000579	.008710	.05681	.005252	.007873	1.5363	.03096
%RSD	.0120835	.1725429	.2287088	.1088633	.1606174	.3848290	.3036681

#1	4.790113	5.037992	24.77537	4.821228	4.899953	399.8097	10.21322
#2	4.790174	5.052374	24.87469	4.822068	4.894765	397.4784	10.16068
#3	4.789142	5.053695	24.87284	4.830716	4.910234	400.3775	10.21534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5066165	2.399367	408.1039	15.03239	2.502497	15.03290	416.5530
Stddev	.0026959	.005760	1.5456	.03334	.005974	.01275	1.1003
%RSD	.5321398	.2400587	.3787284	.2217781	.2387226	.0848055	.2641479

#1	.5079385	2.392777	408.0095	15.03793	2.495619	15.03837	416.3260
#2	.5083962	2.401881	406.6077	14.99663	2.506390	15.04200	415.5838
#3	.5035147	2.403442	409.6946	15.06261	2.505482	15.01833	417.7491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16399	405.9708	2.496177	1.288477	408.1431	2.530051	14.57464
Stddev	.07492	1.5881	.004955	.013240	1.2777	.016435	.18714
%RSD	.4940574	.3911785	.1984890	1.027551	.3130455	.6495970	1.284013

#1	15.14612	405.6383	2.490654	1.279455	407.6464	2.532592	14.46088
#2	15.09963	404.5754	2.500233	1.282300	407.1883	2.512493	14.47242
#3	15.24623	407.6989	2.497643	1.303677	409.5945	2.545067	14.79063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.9789	4.985096	5.061951	4.850179	4.962428	5.036209	4.970511
Stddev	.3169	.005426	.009107	.003926	.008908	.020737	.016359
%RSD	.2071499	.1088512	.1799185	.0809541	.1795063	.4117604	.3291265

#1	153.2217	4.990291	5.057474	4.850372	4.956274	5.037922	4.952189
#2	153.0945	4.979464	5.072431	4.846160	4.958367	5.056037	4.975689
#3	152.6204	4.985532	5.055949	4.854006	4.972643	5.014669	4.983654

Sample Name: CCV031 Acquired: 07/26/2019 12:43:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.025265	5.146583	5.024395
Stddev	.018476	.026811	.077803
%RSD	.3676699	.5209461	1.548496

#1	5.015953	5.145970	4.972429
#2	5.013298	5.120084	4.986911
#3	5.046545	5.173695	5.113843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.010	1956.559	27200.30	4709.350	2426.019
Stddev	12.772	2.714	293.30	15.846	6.113
%RSD	1.008049	.1387082	1.078301	.3364739	.2519807

#1	1274.435	1958.321	27318.36	4713.730	2431.525
#2	1274.333	1953.434	27416.17	4722.545	2419.441
#3	1252.262	1957.923	26866.36	4691.775	2427.091

Sample Name: PB121681BL Acquired: 07/26/2019 12:52:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW681 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000970	.0019923	-.001069	.0000989	-.000458	-.002309	.0006557
Stddev	.002811	.0019374	.001496	.0038717	.000940	.007383	.0005745
%RSD	289.7658	97.24148	139.9387	3913.446	205.4298	319.7890	87.61484

#1	-.000150	.0031390	-.002072	-.002714	.000470	-.006739	.0000782
#2	.001339	-.000245	.000650	.004515	-.001410	-.006401	.0012272
#3	-.004100	.003083	-.001786	-.001503	-.000433	.006214	.0006617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000024	.0051983	.0001740	-.000248	.0011752	.0159435
Stddev	.000045	.000044	.0048374	.0008477	.000368	.0016132	.0092575
%RSD	233.7696	183.9735	93.05739	487.3369	148.0440	137.2705	58.06419

#1	-.000004	-.000009	.0090847	-.000034	-.000215	-.000258	.0127169
#2	-.000070	.000011	-.000219	.001106	.000101	.000862	.0087311
#3	.000016	-.000073	.006730	-.000551	-.000631	.002922	.0263825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000683	.0382474	.0003436	.0000261	-.564732	-.000190	-.000200
Stddev	.0000946	.0054697	.0000937	.0003145	.203483	.001912	.001303
%RSD	138.4745	14.30090	27.26757	1205.579	36.03171	1005.378	651.9031

#1	.0001470	.0325664	.0002869	-.000297	-.676522	.001924	-.000120
#2	.0000945	.0386978	.0002921	.000332	-.687814	-.001797	.001062
#3	-.000037	.0434780	.0004517	.000043	-.329861	-.000697	-.001541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1261861	.0014069	.0030914	-.000377	-.003563	-.003498	-.000380
Stddev	.0839685	.0015761	.0010193	.000169	.002050	.000937	.000533
%RSD	66.54339	112.0276	32.97303	44.67459	57.53909	26.78589	140.2820

#1	.1368213	.0016203	.0025621	-.000188	-.005267	-.002894	.000216
#2	.0374067	.0028653	.0042664	-.000431	-.004134	-.003022	-.000811
#3	.2043304	-.000265	.0024455	-.000512	-.001288	-.004577	-.000546

Sample Name: PB121681BL Acquired: 07/26/2019 12:52:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW681 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011239	-.002129	-.000057
Stddev	.0006250	.003092	.000051
%RSD	55.61044	145.2622	88.62812

#1	.0011885	.000402	-.000116
#2	.0017142	-.005575	-.000027
#3	.0004691	-.001213	-.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.296	2108.768	27959.73	4843.327	2386.430
Stddev	2.479	4.025	56.42	20.170	4.005
%RSD	.1720843	.1908868	.2018073	.4164438	.1678249

#1	1441.331	2112.920	27939.58	4859.550	2389.276
#2	1437.468	2104.882	28023.46	4820.744	2381.850
#3	1442.089	2108.503	27916.14	4849.688	2388.164

Sample Name: CCB031 Acquired: 07/26/2019 12:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018851	.0011439	.0035479	.0024214	-.000963	.0251094	.0004843
Stddev	.0017182	.0005265	.0018329	.0004934	.001384	.0070234	.0005482
%RSD	91.14486	46.03021	51.66197	20.37689	143.6580	27.97112	113.1842

#1	.0032497	.0005872	.0055555	.0021753	.000632	.0212589	.0010735
#2	-.000044	.0012106	.0019638	.0029894	-.001844	.0208533	-.000011
#3	.002450	.0016339	.0031244	.0020994	-.001678	.0332159	.000390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000026	-.000003	.0252342	.0000311	-.000125	.0071487	.0443195
Stddev	.0000505	.000037	.0049713	.0003728	.000214	.0012209	.0047275
%RSD	1966.647	1461.701	19.70044	1198.511	171.2563	17.07903	10.66679

#1	-.000014	.000004	.0243377	.0001050	.000012	.0059366	.0486064
#2	-.000038	-.000043	.0207722	-.000373	-.000371	.0071312	.0392493
#3	.000059	.000031	.0305927	.000361	-.000015	.0083783	.0451028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006898	.0501653	-.000205	.0000706	-.040685	.0040458	.0004676
Stddev	.0002433	.0424584	.000356	.0002263	.116854	.0033593	.0016471
%RSD	35.27032	84.63684	173.2447	320.7173	287.2199	83.03206	352.2321

#1	.0005385	.0981599	-.000449	-.000101	.091024	.0075458	.0020600
#2	.0005605	.0348344	-.000371	-.000014	-.131926	.0037440	-.001229
#3	.0009704	.0175018	.000203	.000327	-.081151	.0008476	.000572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1936168	.0015579	.0101241	.0005802	-.002460	-.002236	.0003348
Stddev	.0434209	.0033315	.0001929	.0002553	.001497	.000974	.0006194
%RSD	22.42621	213.8495	1.905656	44.01183	60.83987	43.57061	185.0193

#1	.2220011	-.001054	.0099246	.0007027	-.003308	-.001940	.0010500
#2	.1436318	.000418	.0103097	.0002867	-.003342	-.001444	-.000027
#3	.2152174	.005310	.0101382	.0007511	-.000732	-.003324	-.000019

Sample Name: CCB031 Acquired: 07/26/2019 12:47:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011825	.0044355	.0001906
Stddev	.0014070	.0016188	.0001028
%RSD	118.9914	36.49559	53.92747

#1	-.000362	.0035105	.0003000
#2	.002391	.0063046	.0001757
#3	.001519	.0034913	.0000961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.470	2117.681	28090.81	4870.210	2396.859
Stddev	12.428	3.236	81.55	22.533	1.486
%RSD	.8603809	.1527941	.2902955	.4626616	.0619961

#1	1458.801	2114.227	28120.18	4848.033	2395.174
#2	1436.658	2118.172	27998.64	4893.082	2397.422
#3	1437.950	2120.643	28153.60	4869.517	2397.982

Sample Name: PB121681BS Acquired: 07/26/2019 12:56:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS681 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219309	.0521418	.0227049	.0739684	.1261068	.4069171
Stddev	.0018858	.0023148	.0015929	.0013190	.0005850	.0064938
%RSD	8.598797	4.439455	7.015445	1.783139	.4638748	1.595860

#1	.0225789	.0520171	.0215197	.0754765	.1260357	.3994188
#2	.0234071	.0545165	.0220794	.0733983	.1255607	.4106233
#3	.0198065	.0498919	.0245155	.0730303	.1267241	.4107091

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4477186	.0112243	.0116280	11.58504	.0233647	.1117854
Stddev	.0061963	.0001682	.0000938	.11801	.0003166	.0002739
%RSD	1.383981	1.498581	.8066996	1.018648	1.354982	.2450360

#1	.4466352	.0110853	.0116647	11.58278	.0237124	.1120550
#2	.4543852	.0114112	.0115214	11.70416	.0232886	.1115074
#3	.4421354	.0111762	.0116978	11.46817	.0230931	.1117938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488398	.2387751	.0359606	10.97384	.0928061	.0228717
Stddev	.0032419	.0051914	.0002173	.04511	.0002343	.0002754
%RSD	6.637848	2.174159	.6043632	.4110319	.2525085	1.204230

#1	.0479288	.2346624	.0361948	10.95573	.0930409	.0231447
#2	.0524398	.2446083	.0359215	11.02518	.0925723	.0225939
#3	.0461509	.2370545	.0357654	10.94060	.0928051	.0228765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54832	.1177038	.1258940	10.68851	.0250408	F .0219913
Stddev	.31491	.0023558	.0011301	.05992	.0023531	.0015713
%RSD	2.985425	2.001456	.8976929	.5605882	9.397152	7.145287

#1	10.40972	.1198387	.1267786	10.67663	.0259798	.0204600
#2	10.90876	.1180964	.1246208	10.75348	.0267795	.0235999
#3	10.32648	.1151764	.1262825	10.63542	.0223632	.0219141

Sample Name: PB121681BS Acquired: 07/26/2019 12:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS681 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211816	.2166061	.2110437	.0132045	.2285944	F .1101151
Stddev	.0005532	.0023253	.0041441	.0009911	.0006513	.0024960
%RSD	2.611631	1.073533	1.963611	7.505965	.2849095	2.266695

#1	.0205436	.2174131	.2097879	.0123856	.2285823	.1123220
#2	.0214728	.2139848	.2156704	.0129215	.2292516	.1106170
#3	.0215283	.2184204	.2076727	.0143063	.2279492	.1074063

Elem	Sr4077
Units	ppm
Avg	.2246463
Stddev	.0004824
%RSD	.2147587

#1	.2240989
#2	.2248306
#3	.2250094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.197	2131.462	28017.74	4945.474	2465.454
Stddev	12.044	1.469	201.46	72.616	9.212
%RSD	.8374086	.0689342	.7190461	1.468338	.3736450

#1	1427.969	2131.488	27795.84	4972.221	2461.588
#2	1451.471	2132.918	28189.15	4863.278	2475.968
#3	1435.149	2129.980	28068.23	5000.923	2458.804

Sample Name: PB121684BL Acquired: 07/26/2019 13:00:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW684 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004126	-.000145	.0009292	-.000946	.0006436	-.000402	.0000938
Stddev	.003272	.002248	.0017499	.000239	.0007468	.009333	.0001964
%RSD	79.30818	1547.716	188.3293	25.30043	116.0312	2324.019	209.3980

#1	-.007904	-.002452	.0004868	-.000685	.0014381	.009355	-.000074
#2	-.002241	-.000023	.0028578	-.000997	.0005367	-.009244	.000045
#3	-.002232	.002039	-.000557	-.001156	-.000044	-.001315	.000310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000027	.0032075	-.000704	.0000795	-.001580	.0135696
Stddev	.000016	.000075	.0149931	.000280	.0000538	.001060	.0083270
%RSD	21.53686	283.9162	467.4363	39.80841	67.62566	67.07891	61.36490

#1	-.000080	-.000114	-.013046	-.000413	.0001327	-.000377	.0042494
#2	-.000057	.000015	.016497	-.000973	.0000252	-.001988	.0161830
#3	-.000088	.000018	.006172	-.000727	.0000806	-.002375	.0202765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000266	.0230891	-.000093	.0000277	-.389450	.0008886	-.000499
Stddev	.000165	.0353663	.000789	.0003486	.060938	.0012363	.000700
%RSD	62.07475	153.1735	846.8630	1259.904	15.64728	139.1277	140.2130

#1	-.000202	-.017101	.000691	-.000074	-.432586	-.000272	-.000224
#2	-.000142	.049458	-.000085	-.000259	-.416026	.002189	.000021
#3	-.000453	.036910	-.000886	.000416	-.319737	.000749	-.001295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710922	.0007679	-.001468	-.000641	-.006550	-.003592	-.000884
Stddev	.0911463	.0022110	.000564	.000231	.000980	.000546	.000753
%RSD	128.2087	287.9313	38.45320	36.08948	14.95495	15.20375	85.19100

#1	.1719398	-.001785	-.001455	-.000741	-.007423	-.003163	-.001014
#2	-.005408	.002009	-.002038	-.000806	-.005490	-.003406	-.001564
#3	.046744	.002080	-.000910	-.000377	-.006737	-.004207	-.000074

Sample Name: PB121684BL Acquired: 07/26/2019 13:00:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW684 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000459	-.002569	-.000037
Stddev	.001286	.000801	.000111
%RSD	280.3184	31.16941	296.6555

#1	-.001510	-.002238	.000090
#2	.000976	-.003483	-.000114
#3	-.000843	-.001987	-.000088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.334	2114.081	27947.59	4908.941	2390.472
Stddev	1.819	7.027	136.79	27.460	7.466
%RSD	.1265325	.3323845	.4894485	.5593829	.3123382

#1	1439.138	2105.968	28084.22	4888.152	2382.244
#2	1437.363	2118.280	27947.90	4940.069	2396.815
#3	1435.501	2117.994	27810.64	4898.601	2392.357

Sample Name: PB121684BS Acquired: 07/26/2019 13:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS684 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200133	.0514425	.0233394	.0747709	.1257990	.4123011
Stddev	.0027881	.0021402	.0004685	.0017509	.0016011	.0050422
%RSD	13.93138	4.160291	2.007538	2.341734	1.272715	1.222948

#1	.0180704	.0502737	.0231453	.0738235	.1240634	.4173041
#2	.0187616	.0539126	.0238738	.0767914	.1261153	.4072206
#3	.0232080	.0501414	.0229991	.0736977	.1272183	.4123786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4485800	.0116014	.0114716	11.58331	.0246778	.1114867
Stddev	.0008039	.0001428	.0000721	.03539	.0003836	.0003159
%RSD	.1792150	1.230745	.6285394	.3055599	1.554231	.2833868

#1	.4493533	.0117450	.0114496	11.62330	.0250117	.1111896
#2	.4477486	.0114594	.0115521	11.55601	.0242589	.1114520
#3	.4486382	.0115998	.0114130	11.57063	.0247628	.1118186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488239	.2533082	.0358663	11.01006	.0935814	.0228161
Stddev	.0021030	.0166320	.0003515	.07325	.0007177	.0003852
%RSD	4.307265	6.565899	.9798794	.6653290	.7669605	1.688299

#1	.0465073	.2537248	.0355327	11.07934	.0930349	.0227602
#2	.0493519	.2364719	.0358331	11.01744	.0943942	.0232261
#3	.0506126	.2697280	.0362333	10.93339	.0933150	.0224618

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70339	.1162147	.1294911	10.82280	.0252557	F .0207440
Stddev	.27137	.0021805	.0022346	.05051	.0018729	.0003093
%RSD	2.535350	1.876233	1.725659	.4667172	7.415854	1.490873

#1	10.51149	.1175947	.1291567	10.81025	.0231329	.0209335
#2	10.58481	.1173484	.1318740	10.87841	.0266750	.0203871
#3	11.01386	.1137009	.1274426	10.77975	.0259592	.0209114

Sample Name: PB121684BS Acquired: 07/26/2019 13:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS684 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208850	.2154306	.2129534	.0131030	.2269805	F .1096189
Stddev	.0000758	.0020600	.0024796	.0003434	.0002630	.0031582
%RSD	.3627794	.9562213	1.164405	2.620789	.1158620	2.881104

#1	.0208077	.2139752	.2157476	.0132886	.2272705	.1107646
#2	.0209592	.2177877	.2110149	.0127067	.2267576	.1120444
#3	.0208882	.2145288	.2120978	.0133136	.2269135	.1060477

Elem	Sr4077
Units	ppm
Avg	.2250215
Stddev	.0001444
%RSD	.0641924

#1	.2249911
#2	.2248946
#3	.2251787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.484	2132.423	28280.84	4890.422	2458.396
Stddev	19.439	.351	289.84	18.197	1.060
%RSD	1.337386	.0164788	1.024876	.3720985	.0431043

#1	1472.024	2132.066	28577.73	4871.430	2459.535
#2	1433.257	2132.433	27998.59	4892.134	2457.439
#3	1455.172	2132.769	28266.20	4907.703	2458.214

Sample Name: PB121693BL Acquired: 07/26/2019 13:08:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS693 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001530	-.000489	.0004241	-.001382	.0005076	-.001329	.0003217
Stddev	.002295	.000581	.0023211	.000872	.0006809	.011400	.0002313
%RSD	149.9828	118.9988	547.2338	63.05842	134.1559	857.5999	71.89562

#1	.000558	.000164	.0026756	-.001129	.0012888	-.009358	.0004119
#2	-.001162	-.000950	-.001961	-.000666	.0001937	-.006349	.0000589
#3	-.003988	-.000680	.000558	-.002353	.0000402	.011719	.0004943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000026	-.008701	-.000834	-.000128	-.002530	.0083002
Stddev	.000034	.000061	.004239	.000039	.000218	.002274	.0006501
%RSD	71.77265	230.0496	48.72299	4.650279	170.4833	89.88301	7.832284

#1	-.000046	-.000083	-.009531	-.000871	-.000338	-.004750	.0084211
#2	-.000081	-.000035	-.004108	-.000836	-.000144	-.002633	.0075981
#3	-.000014	.000038	-.012464	-.000794	.000098	-.000206	.0088813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	.0152859	.0004326	-.000172	-.312811	.0011869	.0014566
Stddev	.000202	.0295304	.0007256	.000226	.458159	.0014078	.0012709
%RSD	284.6579	193.1869	167.7253	130.9421	146.4649	118.6081	87.25213

#1	.000158	-.007955	.0007393	-.000145	-.776781	.0028121	.0022818
#2	-.000221	.005298	-.000396	-.000410	-.300961	.0004049	-.000007
#3	-.000150	.048515	.000955	.000039	.139307	.0003437	.002095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543492	.0005265	-.003533	-.000676	-.006054	-.003846	-.001559
Stddev	.0565711	.0017200	.000469	.000197	.004374	.000577	.002385
%RSD	104.0882	326.6767	13.26923	29.14601	72.24566	14.99742	152.9707

#1	.1033939	.0021887	-.004042	-.000801	-.004294	-.003301	.001179
#2	-.007540	-.001246	-.003119	-.000779	-.002835	-.004450	-.003178
#3	.067193	.000637	-.003437	-.000449	-.011034	-.003786	-.002678

Sample Name: PB121693BL Acquired: 07/26/2019 13:08:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS693 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009913	-.002308	-.000033
Stddev	.0006605	.002545	.000044
%RSD	66.63133	110.2454	134.9242

#1	.0002619	.000105	.000002
#2	.0011630	-.004967	-.000082
#3	.0015491	-.002063	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.772	2101.665	27844.28	4827.403	2382.507
Stddev	5.686	6.850	252.71	36.982	6.913
%RSD	.3979895	.3259426	.9075806	.7660889	.2901762

#1	1434.100	2094.973	28132.90	4788.699	2383.858
#2	1429.431	2108.663	27662.73	4862.382	2388.646
#3	1422.785	2101.359	27737.21	4831.127	2375.018

Sample Name: PB121693BS Acquired: 07/26/2019 13:12:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS693 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206614	.0513736	.0239590	.0714682	.1245608	.4122241
Stddev	.0020228	.0013083	.0020643	.0003701	.0016889	.0076213
%RSD	9.790362	2.546577	8.616132	.5178512	1.355893	1.848824

#1	.0192542	.0498973	.0218976	.0718939	.1255598	.4182813
#2	.0197504	.0523893	.0239530	.0712879	.1226108	.4036668
#3	.0229795	.0518342	.0260263	.0712228	.1255118	.4147241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4455130	.0112082	.0113755	11.48564	.0232337	.1099343
Stddev	.0022581	.0000982	.0001278	.06754	.0004184	.0001115
%RSD	.5068541	.8760417	1.123618	.5880236	1.800958	.1014499

#1	.4479081	.0113083	.0115141	11.53280	.0237138	.1098058
#2	.4434229	.0111121	.0113503	11.40827	.0229463	.1100069
#3	.4452080	.0112043	.0112622	11.51586	.0230411	.1099900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458856	.2470290	.0358470	10.86513	.0915441	.0225454
Stddev	.0012328	.0160881	.0005879	.07379	.0004402	.0004682
%RSD	2.686600	6.512650	1.639882	.6791115	.4808514	2.076804

#1	.0446189	.2589209	.0363573	10.84512	.0919774	.0226008
#2	.0459565	.2287233	.0352042	10.80341	.0910973	.0229834
#3	.0470814	.2534429	.0359797	10.94686	.0915575	.0220519

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25923	.1161149	.1245444	10.58681	.0258684	F .0186453
Stddev	.22479	.0023584	.0010587	.05430	.0019078	.0003668
%RSD	2.191146	2.031105	.8500717	.5129248	7.375051	1.967054

#1	10.47869	.1184195	.1237254	10.57936	.0245175	.0185513
#2	10.02945	.1137062	.1257399	10.53662	.0280509	.0183347
#3	10.26954	.1162191	.1241680	10.64446	.0250369	.0190499

Sample Name: PB121693BS Acquired: 07/26/2019 13:12:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS693 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204918	.2093327	.2104593	F .1070677	.2255644	F .1096256
Stddev	.0003817	.0019269	.0017261	.0007759	.0017747	.0037113
%RSD	1.862946	.9204873	.8201531	.7246330	.7867733	3.385425

#1	.0207753	.2071517	.2116526	.1062014	.2268768	.1098684
#2	.0206424	.2108044	.2084801	.1073032	.2235452	.1057989
#3	.0200577	.2100420	.2112452	.1076985	.2262712	.1132096

Elem	Sr4077
Units	ppm
Avg	.2197944
Stddev	.0004766
%RSD	.2168307

#1	.2192835
#2	.2198727
#3	.2202269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1441.551	2134.626	27951.31	4871.240	2456.511
Stddev	9.814	1.503	160.68	48.801	7.168
%RSD	.6808055	.0704285	.5748483	1.001827	.2917873

#1	1432.570	2134.342	27777.16	4830.377	2451.869
#2	1452.026	2136.251	28093.80	4925.276	2464.766
#3	1440.056	2133.285	27982.97	4858.068	2452.897

Sample Name: PB121714BS Acquired: 07/26/2019 13:21:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS714 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210182	.0514421	.0234378	.0720436	.1276958	.4050329
Stddev	.0032328	.0050356	.0018069	.0014145	.0021810	.0028335
%RSD	15.38117	9.788921	7.709139	1.963407	1.707927	.6995784

#1	.0217692	.0571099	.0252903	.0726701	.1295647	.4054139
#2	.0238095	.0474836	.0216804	.0730367	.1252995	.4076567
#3	.0174760	.0497329	.0233426	.0704240	.1282231	.4020282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4428538	.0111784	.0114100	11.36018	.0240200	.1102633
Stddev	.0021596	.0000650	.0000879	.07476	.0002215	.0005102
%RSD	.4876571	.5809937	.7703756	.6580842	.9222921	.4627587

#1	.4423468	.0112373	.0113256	11.31505	.0240883	.1105374
#2	.4452218	.0111891	.0114035	11.44648	.0237723	.1096746
#3	.4409928	.0111087	.0115010	11.31902	.0241993	.1105779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477162	.2496843	.0357868	10.92416	.0925210	.0225323
Stddev	.0019579	.0094645	.0003383	.02687	.0004389	.0004476
%RSD	4.103311	3.790578	.9454372	.2459896	.4743307	1.986525

#1	.0475851	.2413844	.0359115	10.89599	.0921311	.0220753
#2	.0458271	.2599914	.0360451	10.94951	.0924356	.0229699
#3	.0497364	.2476772	.0354038	10.92698	.0929962	.0225516

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77551	.1167133	.1232298	10.54514	F .0261705	F .0168738
Stddev	.12681	.0016383	.0030779	.08915	.0015912	.0012497
%RSD	1.176794	1.403673	2.497723	.8454021	6.080000	7.405918

#1	10.72683	.1152577	.1219571	10.64772	.0243708	.0178694
#2	10.68025	.1184875	.1267399	10.48642	.0273908	.0154715
#3	10.91944	.1163948	.1209922	10.50127	.0267498	.0172807

Sample Name: PB121714BS Acquired: 07/26/2019 13:21:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS714 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207967	.2057479	.2090832	.0128824	.2249948	F .1088847
Stddev	.0005270	.0025760	.0021245	.0016376	.0026613	.0011708
%RSD	2.534138	1.251996	1.016084	12.71229	1.182806	1.075244

#1	.0202302	.2074916	.2113826	.0131241	.2219223	.1088947
#2	.0208874	.2027892	.2086736	.0143857	.2265784	.1100504
#3	.0212724	.2069630	.2071933	.0111373	.2264836	.1077089

Elem	Sr4077
Units	ppm
Avg	.2214537
Stddev	.0002367
%RSD	.1068714

#1	.2216684
#2	.2211999
#3	.2214929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.923	2124.315	28169.28	4912.366	2453.950
Stddev	9.781	5.111	271.36	26.563	6.864
%RSD	.6778855	.2405802	.9633296	.5407455	.2797198

#1	1452.400	2122.162	28441.00	4892.634	2449.023
#2	1432.863	2130.149	27898.27	4901.894	2461.790
#3	1443.507	2120.632	28168.58	4942.569	2451.037

Sample Name: PB121714BL Acquired: 07/26/2019 13:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW714 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001431	.0001356	.0010643	.0000467	.0015148	.0036278	-.000703
Stddev	.001242	.0033638	.0017167	.0010567	.0015963	.0110021	.000245
%RSD	86.78058	2481.025	161.3023	2261.031	105.3795	303.2720	34.80171

#1	-.001991	-.003498	.0026755	.0009756	.0009610	-.003799	-.000421
#2	-.002295	.003142	-.000741	-.001103	.0002692	-.001585	-.000852
#3	-.000008	.000763	.001259	.000268	.0033143	.016267	-.000837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	.0000094	-.007790	-.000438	-.000384	.0001389	.0049488
Stddev	.000026	.0000828	.004883	.000763	.000353	.0018685	.0078503
%RSD	30.72647	876.4838	62.68388	174.0968	92.05652	1345.333	158.6325

#1	-.000072	-.000007	-.013423	-.001309	-.000784	-.000706	-.003141
#2	-.000068	.000099	-.005181	.000110	-.000252	-.001158	.012535
#3	-.000114	-.000064	-.004765	-.000115	-.000115	.002281	.005453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	.0355214	-.000745	.0000022	.1312558	.0048591	-.000037
Stddev	.000534	.0114937	.000384	.0002390	.2281025	.0005985	.002228
%RSD	194.1742	32.35727	51.56191	11137.76	173.7848	12.31678	6105.727

#1	-.000242	.0449104	-.001104	-.000142	.1359879	.0054757	.000231
#2	-.000825	.0227034	-.000790	.000278	.3569554	.0048209	-.002387
#3	.000242	.0389503	-.000340	-.000129	-.099176	.0042806	.002046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198213	.0014385	-.003801	-.000546	-.004968	-.005019	-.000559
Stddev	.135817	.0009239	.000763	.000091	.000876	.000340	.000337
%RSD	68.52101	64.22724	20.06544	16.74240	17.62812	6.768961	60.31670

#1	-.047812	.0004118	-.004255	-.000443	-.004150	-.004628	-.000715
#2	-.311897	.0022030	-.004227	-.000618	-.004863	-.005235	-.000790
#3	-.234929	.0017007	-.002920	-.000576	-.005892	-.005195	-.000172

Sample Name: PB121714BL Acquired: 07/26/2019 13:17:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW714 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007182	-.003157	-.000070
Stddev	.0017911	.001514	.000038
%RSD	249.3810	47.95732	55.08817

#1	.0015075	-.001925	-.000033
#2	.0019791	-.002699	-.000109
#3	-.001332	-.004847	-.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.909	2109.551	28030.95	4879.639	2383.561
Stddev	14.398	5.384	105.67	35.915	4.370
%RSD	1.000642	.2552044	.3769880	.7360115	.1833556

#1	1443.720	2110.341	28068.40	4845.020	2380.875
#2	1422.721	2114.495	27911.65	4877.175	2388.604
#3	1450.285	2103.816	28112.80	4916.722	2381.205

Sample Name: K3864-22 Acquired: 07/26/2019 13:25:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52W3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034461	.0052886	.0033790	-.002995	-.004563	-.000865	.0002129
Stddev	.0016456	.0011678	.0014642	.000656	.001313	.001767	.0003086
%RSD	47.75215	22.08044	43.33349	21.90226	28.76199	204.3338	144.9649

#1	.0044454	.0060128	.0018228	-.002361	-.005651	-.001096	-.000104
#2	.0015468	.0059115	.0035847	-.003671	-.003105	-.002506	.000512
#3	.0043462	.0039415	.0047295	-.002953	-.004934	.001007	.000231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000591	.0000456	.0021988	-.001267	-.000187	-.002253	-.013354
Stddev	.0000523	.0001548	.0134553	.000539	.000107	.001107	.004122
%RSD	88.52727	339.1760	611.9402	42.50440	57.15439	49.11614	30.86824

#1	.0001058	-.000132	-.010259	-.001639	-.000305	-.002045	-.016005
#2	.0000025	.000149	.000387	-.000650	-.000162	-.003450	-.015453
#3	.0000691	.000121	.016468	-.001513	-.000095	-.001266	-.008605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000485	.0226945	.0003079	-.000076	.0608426	.0000490	.0013341
Stddev	.000488	.0083423	.0003511	.000201	.1858664	.0031568	.0010455
%RSD	100.5708	36.75917	114.0358	265.8044	305.4871	6446.319	78.36636

#1	-.000272	.0173976	.0000818	-.000116	.2049749	-.002163	.0016919
#2	-.001043	.0323107	.0007123	-.000253	.1264926	.003664	.0001567
#3	-.000140	.0183750	.0001295	.000143	-.148940	-.001354	.0021539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.940317	.0052680	-.008064	-.001152	.0045068	-.000333	-.000474
Stddev	.047439	.0006232	.000337	.000288	.0002809	.001210	.003069
%RSD	5.044956	11.82954	4.184711	25.03796	6.231818	363.4848	647.8161

#1	-.885577	.0059773	-.007966	-.001035	.0041935	-.001369	-.003997
#2	-.969435	.0048084	-.007787	-.001481	.0047361	.000997	.001625
#3	-.965940	.0050183	-.008440	-.000940	.0045908	-.000626	.000950

Sample Name: K3864-22 Acquired: 07/26/2019 13:25:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52W3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000076	-.007770	.0000065
Stddev	.001390	.001506	.0000534
%RSD	1824.558	19.38484	817.7691

#1	-.001301	-.007371	-.000051
#2	.001435	-.009435	.000016
#3	-.000363	-.006503	.000054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.843	2232.407	29414.10	5145.588	2459.220
Stddev	8.565	4.957	231.98	24.613	11.198
%RSD	.5562560	.2220376	.7886798	.4783342	.4553602

#1	1537.328	2236.618	29637.36	5172.994	2465.033
#2	1549.384	2233.660	29174.29	5125.368	2466.318
#3	1532.817	2226.944	29430.64	5138.402	2446.311

Sample Name: K3876-09 Acquired: 07/26/2019 13:29:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001638	.0035664	.0032286	-.000463	-.002832	.0153665	.0166603
Stddev	.0021100	.0018435	.0011254	.001334	.001533	.0035679	.0001881
%RSD	1288.524	51.68980	34.85853	288.3006	54.13623	23.21903	1.128989

#1	.0000533	.0022825	.0043921	-.001990	-.002404	.0179289	.0165827
#2	-.001889	.0056788	.0031482	.000129	-.004535	.0112914	.0165235
#3	.002327	.0027380	.0021455	.000473	-.001559	.0168792	.0168748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000149	.0000775	3.735322	-.000574	-.000242	-.000511	.0695371
Stddev	.0000159	.0000601	.019021	.000394	.000279	.001205	.0035225
%RSD	106.5127	77.52597	.5092236	68.63024	114.9761	235.7283	5.065630

#1	.0000323	.0001412	3.713629	-.000453	-.000042	.000860	.0686737
#2	.0000010	.0000694	3.743194	-.000255	-.000560	-.000992	.0665266
#3	.0000116	.0000218	3.749144	-.001013	-.000124	-.001402	.0734111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122202	.8563146	.0010505	-.000187	124.0995	.0026182	.0160288
Stddev	.0004943	.0276698	.0004244	.000251	.2984	.0029968	.0007876
%RSD	4.045190	3.231269	40.40185	134.2639	.2404142	114.4610	4.913868

#1	.0127665	.8783837	.0013939	-.000005	123.8414	.0006093	.0151199
#2	.0118039	.8652885	.0005760	-.000474	124.0309	.0060628	.0165092
#3	.0120901	.8252717	.0011815	-.000083	124.4261	.0011826	.0164575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5693446	.0073739	.0132281	.0002076	4.880041	6.716797	-.000104
Stddev	.0844503	.0001580	.0001733	.0002347	.019563	.031612	.001425
%RSD	14.83289	2.142834	1.310075	113.0119	.4008709	.4706455	1368.109

#1	.5661585	.0074048	.0133429	-.000037	4.872973	6.751297	-.000042
#2	.4865324	.0075141	.0130288	.000431	4.864995	6.689219	.001289
#3	.6553428	.0072026	.0133126	.000228	4.902155	6.709875	-.001559

Sample Name: K3876-09 Acquired: 07/26/2019 13:29:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010906	-.007059	.0257729
Stddev	.0002840	.001878	.0001960
%RSD	26.03645	26.59690	.7606198

#1	.0011036	-.009196	.0256777
#2	.0013679	-.005672	.0259984
#3	.0008004	-.006310	.0256426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.405	2229.862	29272.93	5078.631	2571.926
Stddev	11.369	.305	280.69	35.088	1.772
%RSD	.7552075	.0136734	.9588842	.6908933	.0689162

#1	1514.733	2230.193	29512.35	5078.608	2570.075
#2	1508.740	2229.593	29342.42	5113.730	2572.094
#3	1492.741	2229.799	28964.01	5043.554	2573.608

Sample Name: K3876-11 Acquired: 07/26/2019 13:37:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J3S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424570	.0558601	.0234882	.0527762	.1003802	1.936973	2.204327
Stddev	.0012132	.0009273	.0004784	.0019350	.0010230	.023816	.032132
%RSD	2.857556	1.659981	2.036659	3.666507	1.019157	1.229542	1.457686

#1	.0415736	.0567738	.0240365	.0505434	.0992366	1.915828	2.179099
#2	.0419570	.0549199	.0232720	.0538188	.1006956	1.932317	2.193380
#3	.0438403	.0558864	.0231561	.0539663	.1012085	1.962773	2.240502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565084	.0563091	3.842518	.2178177	.5509723	.2298237	1.196889
Stddev	.0015492	.0002013	.060126	.0009755	.0010811	.0064054	.030854
%RSD	2.741616	.3574662	1.564749	.4478557	.1962256	2.787089	2.577866

#1	.0553701	.0563520	3.805973	.2166940	.5507648	.2239070	1.166052
#2	.0558824	.0564856	3.809669	.2184465	.5521422	.2289383	1.196856
#3	.0582727	.0560899	3.911913	.2183127	.5500099	.2366257	1.227760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5673825	.8339983	.5566891	.0547327	126.2221	.5590316	.5265232
Stddev	.0094971	.0094322	.0021126	.0005925	1.8668	.0078356	.0015423
%RSD	1.673853	1.130967	.3794996	1.082530	1.479002	1.401631	.2929197

#1	.5586709	.8448597	.5562660	.0554119	124.4007	.5527323	.5282805
#2	.5659697	.8292675	.5589813	.0544646	126.1345	.5565567	.5258944
#3	.5775069	.8278677	.5548200	.0543217	128.1312	.5678058	.5253946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6398689	.0068844	.0142907	-.000678	4.926927	6.873848	.1154631
Stddev	.1095911	.0010431	.0007947	.000364	.016876	.184931	.0014292
%RSD	17.12711	15.15169	5.560590	53.64500	.3425282	2.690358	1.237818

#1	.5814588	.0077881	.0135806	-.000580	4.908082	6.726210	.1163578
#2	.5718557	.0057429	.0141426	-.000373	4.940645	6.814056	.1138148
#3	.7662923	.0071220	.0151490	-.001081	4.932054	7.081278	.1162168

Sample Name: K3876-11 Acquired: 07/26/2019 13:37:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000430	-.008068	.0261817
Stddev	.000472	.001597	.0001780
%RSD	109.7945	19.79266	.6799021

#1	-.000298	-.008619	.0259771
#2	-.000038	-.006269	.0263006
#3	-.000953	-.009318	.0262675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.975	2197.335	28983.66	4992.647	2549.072
Stddev	18.189	5.540	425.65	82.946	7.304
%RSD	1.218310	.2521366	1.468574	1.661369	.2865264

#1	1474.469	2203.054	28546.71	5053.965	2553.829
#2	1493.625	2191.993	29007.22	5025.708	2540.663
#3	1510.829	2196.956	29397.03	4898.269	2552.725

Sample Name: K3876-10 Acquired: 07/26/2019 13:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001576	.0037416	.0024508	-.000200	-.000907	.0105503	.0172715
Stddev	.001367	.0032279	.0008837	.001970	.001635	.0103375	.0001404
%RSD	86.71450	86.27122	36.05756	987.6733	180.3004	97.98350	.8130002

#1	-.000790	.0023274	.0031621	.001730	-.002471	.0083835	.0173826
#2	-.003154	.0074352	.0027287	-.002208	-.001043	.0014679	.0173182
#3	-.000784	.0014621	.0014615	-.000121	.000792	.0217995	.0171137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000490	.0000933	3.799347	-.000149	-.000353	.0009676	.0625124
Stddev	.0000392	.0000205	.039589	.000580	.000331	.0028510	.0021908
%RSD	79.91161	21.96207	1.042008	388.9660	93.84532	294.6489	3.504653

#1	.0000695	.0000735	3.753806	-.000642	.000026	.0038497	.0604152
#2	.0000736	.0001144	3.825556	.000490	-.000587	-.001851	.0623357
#3	.0000039	.0000920	3.818680	-.000295	-.000498	.000904	.0647862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126356	.8473340	.0010256	-.000174	126.1966	.0019962	.0174455
Stddev	.0001660	.0458738	.0003853	.000319	.4817	.0013564	.0017719
%RSD	1.314077	5.413895	37.57137	182.9800	.3817128	67.94784	10.15669

#1	.0125672	.7954806	.0005935	.000151	125.9093	.0017800	.0160953
#2	.0125147	.8638891	.0013337	-.000188	126.7527	.0007608	.0167894
#3	.0128250	.8826322	.0011495	-.000487	125.9277	.0034476	.0194519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5398594	.0073224	.0131394	-.000070	4.893294	6.813588	-.000723
Stddev	.0697555	.0017719	.0005231	.000170	.007648	.055495	.001133
%RSD	12.92105	24.19817	3.981245	243.0186	.1562957	.8144795	156.7168

#1	.5680866	.0068091	.0125886	.000107	4.902036	6.764483	-.000436
#2	.5910775	.0058639	.0136295	-.000233	4.890009	6.802486	.000239
#3	.4604140	.0092943	.0132000	-.000085	4.887838	6.873795	-.001971

Sample Name: K3876-10 Acquired: 07/26/2019 13:33:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007968	-.009872	.0260346
Stddev	.0012293	.001185	.0001403
%RSD	154.2895	12.00851	.5389609

#1	.0010221	-.008504	.0259613
#2	.0018979	-.010514	.0261964
#3	-.000530	-.010597	.0259462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.047	2221.817	29203.90	5012.627	2577.321
Stddev	4.712	4.134	119.80	30.441	8.802
%RSD	.3132698	.1860453	.4102295	.6072950	.3415224

#1	1507.360	2221.261	29102.40	5036.568	2567.302
#2	1498.653	2226.200	29336.05	5022.945	2583.809
#3	1506.128	2217.990	29173.24	4978.368	2580.853

Sample Name: K3876-09LX5 Acquired: 07/26/2019 13:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007686	-.001812	.0018523	.0000116	.0013200	.0026204	.0026327
Stddev	.0026296	.002547	.0013911	.0016502	.0019474	.0095813	.0003472
%RSD	342.1384	140.5586	75.09918	14253.91	147.5294	365.6391	13.18901

#1	.0032656	.000975	.0031992	.0010682	.0000595	-.004552	.0027323
#2	-.001976	-.004019	.0019369	-.001890	.0003375	-.001089	.0029192
#3	.001016	-.002392	.0004209	.000857	.0035628	.013502	.0022465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.000019	.7414175	.0032264	-.000186	.0016718	.0414531
Stddev	.000032	.000017	.0155615	.0002895	.000117	.0026098	.0050296
%RSD	32.64567	91.39652	2.098879	8.973467	62.91169	156.1058	12.13318

#1	-.000064	-.000038	.7247710	.0035522	-.000126	.0014334	.0454846
#2	-.000128	-.000004	.7555998	.0029988	-.000321	.0043926	.0358170
#3	-.000099	-.000015	.7438818	.0031282	-.000112	-.000811	.0430577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021826	.1865285	.0023444	.0002468	24.38114	.0026904	.0051172
Stddev	.0001508	.0113077	.0004073	.0003421	.16096	.0020650	.0007562
%RSD	6.907411	6.062188	17.37395	138.6041	.6601769	76.75375	14.77693

#1	.0021867	.1755638	.0025325	-.000034	24.19785	.0018218	.0048721
#2	.0023313	.1981505	.0026237	.000628	24.49944	.0012016	.0045141
#3	.0020299	.1858712	.0018770	.000147	24.44612	.0050478	.0059656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018843	.0033196	-.002427	.0003665	.9469661	1.273079	-.000818
Stddev	.0460558	.0019449	.000851	.0000989	.0086624	.014395	.000631
%RSD	2444.238	58.58638	35.04317	26.99664	.9147547	1.130705	77.21329

#1	.0516666	.0034958	-.001834	.0002524	.9437247	1.256472	-.001435
#2	-.039206	.0012927	-.002045	.0004294	.9403918	1.281988	-.000845
#3	-.006807	.0051704	-.003402	.0004176	.9567817	1.280778	-.000173

Sample Name: K3876-09LX5 Acquired: 07/26/2019 13:41:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007604	-.000099	.0050869
Stddev	.0009531	.000951	.0000499
%RSD	125.3419	960.3837	.9807638

#1	-.000071	.000987	.0051313
#2	.001801	-.000501	.0050329
#3	.000551	-.000784	.0050966

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.470	2094.845	27696.86	4898.006	2429.745
Stddev	8.975	2.526	174.48	57.113	6.443
%RSD	.6340630	.1205618	.6299603	1.166049	.2651560

#1	1409.676	2092.709	27506.26	4960.108	2427.446
#2	1410.926	2097.632	27735.63	4847.734	2437.022
#3	1425.808	2094.193	27848.70	4886.175	2424.767

Sample Name: K3924-01 Acquired: 07/26/2019 13:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603580	.0056936	.3739609	.0063667	.0009622	57.56607	.2617456
Stddev	.0015992	.0009561	.0013450	.0017275	.0028359	.16334	.0006383
%RSD	2.649594	16.79298	.3596623	27.13280	294.7186	.2837435	.2438710

#1	.0616304	.0063618	.3746121	.0082704	.0004952	57.37886	.2611060
#2	.0585628	.0045984	.3724142	.0059309	.0040027	57.67954	.2623827
#3	.0608808	.0061206	.3748563	.0048989	-.001611	57.63980	.2617480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038220	.0018804	10.81887	.2371542	.0274004	.2064642	74.86811
Stddev	.0000479	.0000069	.06457	.0007472	.0000473	.0012332	.25481
%RSD	1.253467	.3679672	.5968297	.3150812	.1727867	.5972762	.3403401

#1	.0037676	.0018867	10.74895	.2379865	.0273714	.2077710	74.57626
#2	.0038579	.0018815	10.87626	.2365411	.0273747	.2053211	75.04637
#3	.0038405	.0018730	10.83138	.2369349	.0274550	.2063005	74.98169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6325144	20.96336	.1343344	.0005887	3.329913	.1564015	.6605634
Stddev	.0032284	.05094	.0004932	.0001066	.310151	.0043969	.0027617
%RSD	.5104117	.2429750	.3671321	18.10918	9.314091	2.811298	.4180899

#1	.6305348	20.90841	.1338854	.0006129	3.245382	.1514123	.6618023
#2	.6307685	21.00899	.1342555	.0004721	3.070790	.1597107	.6573991
#3	.6362398	20.97269	.1348622	.0006812	3.673566	.1580815	.6624888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.857336	4.141890	.0167522	.0050466	6.171682	2.617014	.0129158
Stddev	.049998	.010991	.0009288	.0004902	.027327	.014901	.0017695
%RSD	1.296167	.2653515	5.544014	9.713997	.4427880	.5693725	13.70053

#1	3.908371	4.130840	.0157120	.0054343	6.150526	2.622309	.0109237
#2	3.808445	4.142011	.0170464	.0044956	6.161983	2.600189	.0143053
#3	3.855190	4.152820	.0174983	.0052100	6.202536	2.628544	.0135185

Sample Name: K3924-01 Acquired: 07/26/2019 13:45:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.845561	.0967619	.0828632
Stddev	.005659	.0007460	.0001212
%RSD	.1988680	.7709504	.1463159

#1	2.839908	.0964707	.0827236
#2	2.851226	.0962053	.0829244
#3	2.845551	.0976095	.0829416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.382	2251.410	30132.90	5255.748	2490.628
Stddev	10.824	3.982	100.11	19.727	2.964
%RSD	.7035898	.1768793	.3322161	.3753362	.1190072

#1	1549.880	2249.201	30104.29	5272.229	2488.755
#2	1528.391	2249.021	30050.22	5233.890	2494.045
#3	1536.874	2256.007	30244.20	5261.123	2489.083

Sample Name: K3924-02 Acquired: 07/26/2019 13:49:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625729	.0003943	.3766274	.0083515	.0006828	58.17322	.2654251
Stddev	.0008122	.0019844	.0038757	.0012455	.0009872	.54262	.0032355
%RSD	1.297949	503.3038	1.029064	14.91371	144.5792	.9327684	1.218973

#1	.0621591	-.001601	.3748140	.0079737	.0001883	58.79170	.2691541
#2	.0620510	.000417	.3810774	.0073387	.0000406	57.95086	.2633631
#3	.0635086	.002367	.3739908	.0097422	.0018196	57.77709	.2637581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038580	.0018409	11.03395	.2370314	.0270743	.2082443	76.10338
Stddev	.0001549	.0000692	.21210	.0007883	.0001429	.0023717	.89458
%RSD	4.016037	3.759716	1.922288	.3325872	.5277364	1.138905	1.175486

#1	.0040105	.0019020	11.27731	.2369435	.0272279	.2061496	77.12378
#2	.0037008	.0018550	10.93614	.2362907	.0269453	.2108195	75.73239
#3	.0038627	.0017658	10.88839	.2378600	.0270497	.2077638	75.45398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6454969	21.29644	.1344270	.0005405	3.100484	.1558950	.6689783
Stddev	.0102617	.25414	.0004125	.0001536	.205244	.0016020	.0067300
%RSD	1.589734	1.193328	.3068753	28.41723	6.619756	1.027627	1.006008

#1	.6570859	21.57094	.1345296	.0006305	3.068860	.1572896	.6623740
#2	.6418411	21.24904	.1347786	.0003632	3.319705	.1562502	.6758273
#3	.6375637	21.06934	.1339729	.0006278	2.912887	.1541452	.6687336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.758660	4.168350	.0173557	.0054157	6.199522	2.674242	.0113511
Stddev	.083849	.019210	.0004396	.0001151	.020454	.035670	.0008686
%RSD	2.230811	.4608575	2.532851	2.125734	.3299313	1.333817	7.651898

#1	3.755502	4.190052	.0178249	.0054406	6.220942	2.714726	.0103652
#2	3.844042	4.153526	.0169534	.0052901	6.180194	2.647435	.0120032
#3	3.676434	4.161472	.0172888	.0055163	6.197429	2.660564	.0116850

Sample Name: K3924-02 Acquired: 07/26/2019 13:49:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.878079	.0983035	.0830919
Stddev	.022509	.0025959	.0001157
%RSD	.7820999	2.640744	.1392492

#1	2.903122	.1012509	.0829637
#2	2.871583	.0963569	.0831885
#3	2.859531	.0973026	.0831236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1524.162	2241.876	29865.06	5208.181	2482.090
Stddev	10.769	4.280	229.65	55.275	4.533
%RSD	.7065383	.1909075	.7689559	1.061318	.1826432

#1	1536.446	2239.559	30023.45	5144.872	2484.945
#2	1516.350	2239.255	29601.68	5232.813	2476.863
#3	1519.689	2246.815	29970.06	5246.858	2484.463

Sample Name: K3876-02 Acquired: 07/26/2019 14:05:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009509	.0002041	.0040397	.0002889	-.001839	.0004455	.0424042
Stddev	.0024859	.0032508	.0015555	.0016348	.000433	.0054337	.0003397
%RSD	261.4289	1592.584	38.50571	565.9555	23.52822	1219.768	.8010962

#1	.0036275	-.002859	.0024818	-.000093	-.001348	.0043482	.0427200
#2	.0005104	.003615	.0040446	.002081	-.002164	-.005761	.0420448
#3	-.001285	-.000143	.0055928	-.001121	-.002006	.002749	.0424479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	-.000041	40.42435	.0031945	-.000926	.0058890	.3154763
Stddev	.0000292	.000071	.59795	.0002738	.000082	.0035106	.0070972
%RSD	191.9347	171.3444	1.479173	8.570309	8.816753	59.61234	2.249692

#1	-.000009	-.000082	40.66546	.0032899	-.000964	.0098453	.3204708
#2	.000007	-.000082	39.74350	.0034079	-.000983	.0046760	.3186058
#3	.000048	.000040	40.86410	.0028858	-.000833	.0031458	.3073521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5040317	7.472013	.0039606	.0000783	153.0814	.0017498	.0054924
Stddev	.0073185	.073362	.0006654	.0002274	1.4365	.0029484	.0004156
%RSD	1.451997	.9818183	16.80090	290.5670	.9384079	168.5045	7.567263

#1	.5073645	7.518557	.0031974	.0000095	153.4718	.0037771	.0053901
#2	.4956400	7.387445	.0042653	.0003322	151.4900	-.001633	.0059496
#3	.5090907	7.510036	.0044191	-.000107	154.2824	.003105	.0051375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.971130	.0079460	.0653308	-.000378	6.478151	8.235604	-.001988
Stddev	.035658	.0006625	.0009635	.000087	.036069	.169360	.001836
%RSD	.8979228	8.338021	1.474818	23.05500	.5567718	2.056432	92.34721

#1	4.010827	.0086415	.0662569	-.000472	6.444428	8.279182	-.002851
#2	3.960750	.0073223	.0643338	-.000300	6.473847	8.048714	.000120
#3	3.941815	.0078743	.0654017	-.000363	6.516179	8.378916	-.003234

Sample Name: K3876-02 Acquired: 07/26/2019 14:05:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000121	.0560859	.2305613
Stddev	.001117	.0014826	.0002525
%RSD	925.9713	2.643477	.1095034

#1	.000910	.0557392	.2308158
#2	.000036	.0548074	.2303110
#3	-.001307	.0577112	.2305571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.862	2193.328	29047.57	5004.042	2550.286
Stddev	7.686	4.268	105.31	73.389	2.834
%RSD	.5148362	.1945922	.3625582	1.466596	.1111282

#1	1497.001	2191.854	29041.65	4997.743	2547.499
#2	1483.994	2198.138	28945.34	5080.378	2553.165
#3	1497.592	2189.992	29155.72	4934.006	2550.193

Sample Name: K3876-01 Acquired: 07/26/2019 14:01:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009683	.0027923	.0054391	-.000794	-.003639	.0169651	.0476220
Stddev	.0016836	.0017494	.0022320	.001337	.001126	.0063891	.0002929
%RSD	173.8783	62.64919	41.03584	168.3299	30.93294	37.66053	.6150069

#1	.0006681	.0046655	.0072550	-.002201	-.004394	.0229143	.0474925
#2	-.000545	.0025104	.0061150	-.000642	-.002345	.0102121	.0479573
#3	.002782	.0012010	.0029473	.000460	-.004178	.0177690	.0474161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0000044	30.80544	.0017391	-.000392	.0034801	1.215456
Stddev	.000020	.0001364	.19621	.0003075	.000105	.0026733	.016454
%RSD	385.9694	3103.668	.6369225	17.68015	26.86896	76.81767	1.353731

#1	-.000024	-.000061	30.59564	.0020325	-.000498	.0007109	1.224445
#2	.000015	.000161	30.98440	.0017656	-.000388	.0036834	1.196466
#3	-.000007	-.000087	30.83627	.0014193	-.000288	.0060459	1.225458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232926	4.368796	.0032247	.0001988	185.4534	-.000997	.0070623
Stddev	.006850	.035773	.0003458	.0005872	.9376	.003192	.0016387
%RSD	.5555564	.8188248	10.72506	295.3747	.5055884	320.1943	23.20337

#1	1.225915	4.339466	.0034487	-.000114	184.5695	.001094	.0051837
#2	1.233260	4.408651	.0028264	.000876	186.4368	.000586	.0078050
#3	1.239602	4.358272	.0033989	-.000166	185.3540	-.004671	.0081981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.513278	.0084822	.0804015	-.000888	4.055557	8.001544	-.000679
Stddev	.033986	.0020856	.0009675	.000137	.018055	.070372	.001262
%RSD	.9673537	24.58829	1.203345	15.43619	.4451874	.8794852	185.8101

#1	3.523826	.0085925	.0805373	-.000931	4.059871	8.010858	-.000944
#2	3.540739	.0105105	.0793733	-.000998	4.035736	7.926978	.000694
#3	3.475269	.0063436	.0812940	-.000735	4.071064	8.066795	-.001787

Sample Name: K3876-01 Acquired: 07/26/2019 14:01:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004525	.0051178	.1785965
Stddev	.0009933	.0010680	.0005755
%RSD	219.5278	20.86859	.3222289

#1	.0006245	.0043042	.1779642
#2	-.000616	.0063272	.1787358
#3	.001349	.0047220	.1790896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.245	2213.495	29150.43	4962.529	2578.532
Stddev	17.480	2.255	250.60	33.926	4.478
%RSD	1.162809	.1018809	.8596650	.6836399	.1736686

#1	1519.807	2212.528	29274.87	4998.419	2578.104
#2	1484.973	2211.885	28861.97	4958.182	2574.283
#3	1504.955	2216.073	29314.44	4930.986	2583.209

Sample Name: K3876-03 Acquired: 07/26/2019 14:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363056	.0005037	.0039121	.0013076	-.004097	.0122170	.0943181
Stddev	.0015727	.0036402	.0026124	.0007999	.001941	.0101328	.0004450
%RSD	4.331858	722.6963	66.77696	61.17659	47.36157	82.94043	.4717938

#1	.0369841	.0046486	.0052693	.0018688	-.003734	.0005610	.0944449
#2	.0374251	-.000964	.0009005	.0016623	-.002364	.0171636	.0946858
#3	.0345075	-.002174	.0055666	.0003916	-.006194	.0189264	.0938234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000204	-.000183	42.37442	.0017776	.0044497	-.001538	16.72390
Stddev	.0000660	.000086	.34201	.0002795	.0001734	.000886	.11874
%RSD	323.4264	47.14850	.8071164	15.72552	3.896952	57.58642	.7100081

#1	-.000018	-.000219	42.27248	.0016190	.0044206	-.002328	16.77261
#2	-.000017	-.000085	42.75581	.0021004	.0046358	-.000580	16.81053
#3	.000097	-.000246	42.09496	.0016135	.0042927	-.001706	16.58855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.978774	10.19761	.0024232	.0004781	133.3332	.0066943	.0058176
Stddev	.027804	.09078	.0006931	.0004682	.9523	.0009063	.0002648
%RSD	.6988143	.8901753	28.60106	97.93224	.7142022	13.53857	4.550745

#1	3.989910	10.24543	.0032059	.0002604	134.0686	.0056878	.0056961
#2	3.999285	10.25449	.0021763	.0010155	133.6735	.0074457	.0061213
#3	3.947128	10.09292	.0018874	.0001583	132.2576	.0069493	.0056355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.949023	.0510747	.0106894	-.001394	.6004718	5.846388	-.000960
Stddev	.051938	.0015509	.0008747	.000373	.0070719	.079425	.000796
%RSD	1.761187	3.036459	8.182401	26.73842	1.177720	1.358530	82.90274

#1	2.954731	.0493322	.0109848	-.001201	.5937895	5.890705	-.001031
#2	2.894467	.0523037	.0113780	-.001824	.6078776	5.893766	-.000131
#3	2.997871	.0515882	.0097053	-.001158	.5997483	5.754693	-.001718

Sample Name: K3876-03 Acquired: 07/26/2019 14:09:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000842	-.000111	.2655545
Stddev	.000571	.000218	.0005700
%RSD	67.82235	195.9807	.2146604

#1	-.000187	.000064	.2661112
#2	-.001105	-.000355	.2655802
#3	-.001234	-.000042	.2649720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.645	2186.711	29063.47	5013.009	2541.024
Stddev	23.234	4.604	123.33	24.777	6.836
%RSD	1.561764	.2105599	.4243398	.4942508	.2690271

#1	1507.799	2190.921	28986.67	5009.283	2546.084
#2	1492.902	2187.419	29205.72	4990.307	2543.741
#3	1462.233	2181.794	28998.00	5039.438	2533.248

Sample Name: CCV032 Acquired: 07/26/2019 14:13:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866330	5.012475	24.96346	4.980035	5.055821	401.2196	10.19317
Stddev	.018044	.018309	.02930	.011289	.018220	11.9774	.33228
%RSD	.3707985	.3652736	.1173649	.2266885	.3603674	2.985250	3.259850

#1	4.868425	4.996452	24.95493	4.971370	5.043960	409.8806	10.36481
#2	4.847329	5.008542	24.93936	4.975934	5.046702	406.2270	10.40452
#3	4.883235	5.032431	24.99607	4.992801	5.076799	387.5511	9.81016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997632	2.420197	407.6852	15.12467	2.523041	14.90471	416.9071
Stddev	.0132651	.006253	12.5828	.08010	.006048	.48363	13.1265
%RSD	2.654280	.2583704	3.086395	.5295888	.2397278	3.244810	3.148553

#1	.5099411	2.416466	413.8415	15.21654	2.520029	15.19483	424.5931
#2	.5045875	2.416709	416.0044	15.06945	2.519090	15.17290	424.3778
#3	.4847611	2.427416	393.2096	15.08802	2.530004	14.34641	401.7504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15166	406.3295	2.515816	1.324177	408.9630	2.542778	14.95020
Stddev	.47981	11.9960	.006853	.003290	12.4130	.070221	.03836
%RSD	3.166689	2.952294	.2724085	.2484470	3.035228	2.761590	.2566176

#1	15.42588	412.5035	2.510060	1.323738	414.2617	2.575662	14.99217
#2	15.43147	413.9811	2.513990	1.327664	417.8473	2.590523	14.94149
#3	14.59764	392.5040	2.523397	1.321128	394.7800	2.462149	14.91694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.7583	5.001355	5.029043	4.936874	5.013696	4.961868	4.969114
Stddev	3.9819	.015413	.134334	.016641	.021842	.133252	.009700
%RSD	2.641226	.3081852	2.671155	.3370855	.4356432	2.685531	.1952142

#1	152.9514	4.987041	5.128100	4.926563	5.015658	5.058862	4.962085
#2	153.1614	4.999351	5.082889	4.927987	4.990939	5.016813	4.965076
#3	146.1620	5.017672	4.876140	4.956072	5.034491	4.809929	4.980181

Sample Name: CCV032 Acquired: 07/26/2019 14:13:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.022286	5.228628	5.033529
Stddev	.147500	.166148	.144308
%RSD	2.936904	3.177659	2.866933

#1	5.083369	5.297891	5.165285
#2	5.129431	5.348939	5.055998
#3	4.854057	5.039054	4.879305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.469	1901.010	26391.29	4693.756	2389.412
Stddev	2.366	3.705	71.50	123.630	2.591
%RSD	.1940027	.1948893	.2709082	2.633921	.1084509

#1	1217.089	1901.080	26331.17	4605.567	2388.251
#2	1221.820	1904.680	26372.36	4640.633	2392.381
#3	1219.499	1897.271	26470.35	4835.069	2387.605

Sample Name: CCB032 Acquired: 07/26/2019 14:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001511	.0001231	.0014513	.0005525	.0001439	.0198679	-.000166
Stddev	.001438	.0011323	.0021468	.0024242	.0003625	.0068614	.000482
%RSD	95.16470	920.0003	147.9237	438.7708	251.9089	34.53520	289.5609

#1	-.002685	.0000381	.0027524	-.001879	.0004563	.0173418	-.000715
#2	-.001941	.0012954	-.001027	.002969	.0002288	.0146276	.000028
#3	.000093	-.000964	.002628	.000567	-.000254	.0276342	.000188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	-.000046	.0110166	.0003232	-.000096	.0069242	.0268847
Stddev	.000040	.000119	.0115437	.0002861	.000183	.0011210	.0089115
%RSD	42.12543	256.8738	104.7850	88.52041	191.6915	16.18906	33.14716

#1	-.000054	.000089	.0229528	.0000403	-.000272	.0057700	.0354324
#2	-.000096	-.000132	-.000090	.0006123	-.000109	.0080087	.0275727
#3	-.000134	-.000095	.010187	.0003169	.000094	.0069940	.0176492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008114	.0198841	-.000083	.0002873	.0766719	.0014303	.0010056
Stddev	.0002433	.0302211	.000140	.0002412	.1437882	.0014344	.0016299
%RSD	29.98096	151.9863	169.2458	83.97429	187.5372	100.2884	162.0784

#1	.0008087	.0348087	-.000081	.0000463	-.060989	-.000213	.0028835
#2	.0010560	.0397396	-.000224	.0005288	.225890	.002075	-.000042
#3	.0005695	-.014896	.000056	.0002867	.065115	.002429	.000175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005619	.0027239	.0054986	.0002752	-.004845	-.003370	.0002802
Stddev	.121322	.0029265	.0004802	.0002330	.002339	.000132	.0006951
%RSD	2159.223	107.4371	8.732406	84.65470	48.28731	3.923237	248.1042

#1	.085830	.0061031	.0058784	.0000744	-.004575	-.003513	.0010804
#2	.040564	.0010477	.0056586	.0005307	-.002652	-.003346	-.000065
#3	-.143250	.0010210	.0049589	.0002207	-.007307	-.003252	-.000175

Sample Name: CCB032 Acquired: 07/26/2019 14:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019465	.0057356	.0002430
Stddev	.0008154	.0020773	.0000400
%RSD	41.88914	36.21780	16.48134

#1	.0015269	.0076546	.0002504
#2	.0014264	.0060224	.0001997
#3	.0028862	.0035298	.0002788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.222	2090.120	27565.99	4838.847	2371.673
Stddev	4.896	3.422	60.27	34.472	4.222
%RSD	.3452083	.1637299	.2186267	.7124040	.1780306

#1	1416.717	2086.175	27544.74	4836.443	2366.820
#2	1423.694	2091.900	27519.24	4874.459	2374.507
#3	1414.256	2092.286	27634.01	4805.641	2373.691

Sample Name: K3876-05 Acquired: 07/26/2019 14:25:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016661	.0036839	.0027128	-.004156	-.002560	.0105941	.0723991
Stddev	.0009039	.0004062	.0014430	.000928	.001446	.0013239	.0004650
%RSD	54.25270	11.02729	53.18998	22.34007	56.50072	12.49617	.6423026

#1	.0022449	.0036405	.0021831	-.005213	-.002498	.0092909	.0719003
#2	.0021289	.0041100	.0016096	-.003781	-.001145	.0105538	.0728207
#3	.0006245	.0033010	.0043458	-.003474	-.004036	.0119377	.0724762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000568	.0000776	20.87982	.0006227	-.000408	.0013375	.2836509
Stddev	.0000233	.0001182	.09865	.0003417	.000100	.0009470	.0031729
%RSD	41.07293	152.4479	.4724603	54.87514	24.61938	70.80493	1.118604

#1	.0000837	.0000234	20.83100	.0007425	-.000426	.0002732	.2867457
#2	.0000459	.0002132	20.99336	.0002372	-.000299	.0016521	.2804052
#3	.0000410	-.000004	20.81509	.0008884	-.000497	.0020871	.2838016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1588180	2.637095	.0025381	.0004560	256.2002	.0035142	.0164937
Stddev	.0019045	.027841	.0006381	.0003869	1.5931	.0011698	.0036845
%RSD	1.199162	1.055752	25.13869	84.83861	.6218180	33.28669	22.33901

#1	.1572561	2.632997	.0025767	.0008827	255.2867	.0022918	.0206639
#2	.1609396	2.611530	.0031560	.0003570	258.0398	.0046231	.0151383
#3	.1582583	2.666758	.0018817	.0001282	255.2742	.0036276	.0136788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.385998	.0101913	.0160440	-.000170	5.452891	6.789863	-.001588
Stddev	.010171	.0018852	.0014044	.000247	.025368	.162913	.000261
%RSD	.4262777	18.49788	8.753435	144.8799	.4652290	2.399352	16.45896

#1	2.374620	.0080282	.0176196	.000110	5.434233	6.975823	-.001415
#2	2.389169	.0110618	.0155884	-.000264	5.442665	6.721476	-.001460
#3	2.394206	.0114840	.0149240	-.000357	5.481777	6.672291	-.001889

Sample Name: K3876-05 Acquired: 07/26/2019 14:25:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017571	-.004413	.1248857
Stddev	.0011586	.003047	.0008329
%RSD	65.93569	69.04734	.6669150

#1	.0028314	-.001490	.1252750
#2	.0005295	-.007570	.1254527
#3	.0019104	-.004178	.1239295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.447	2216.358	26466.83	5000.051	2583.343
Stddev	214.695	2.091	4299.46	12.214	3.437
%RSD	15.67748	.0943634	16.24469	.2442808	.1330496

#1	1121.547	2218.656	21503.42	5003.653	2586.859
#2	1495.172	2214.566	28855.22	4986.441	2579.991
#3	1491.623	2215.853	29041.85	5010.059	2583.180

Sample Name: K3876-06 Acquired: 07/26/2019 14:29:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634893	.0012851	.0176454	.0021776	-.001311	2.343990	.0529799
Stddev	.0032471	.0037666	.0020683	.0017345	.000110	.015802	.0006119
%RSD	5.114453	293.0961	11.72148	79.65438	8.355353	.6741339	1.155058

#1	.0608294	.0010495	.0155742	.0019222	-.001189	2.336456	.0526715
#2	.0671078	-.002358	.0197108	.0040257	-.001344	2.362149	.0536847
#3	.0625307	.005164	.0176512	.0005849	-.001401	2.333366	.0525835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008261	-.000315	23.82270	.0759059	.0024866	.1019392	44.59669
Stddev	.0000302	.000084	.29271	.0012347	.0002231	.0015344	.35904
%RSD	3.651817	26.73099	1.228698	1.626633	8.972362	1.505192	.8050840

#1	.0007914	-.000393	23.65101	.0750042	.0023677	.1018013	44.26441
#2	.0008401	-.000326	24.16068	.0754005	.0027440	.1004785	44.97755
#3	.0008467	-.000226	23.65641	.0773132	.0023481	.1035379	44.54812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.700199	2.527649	.0078280	.0011583	17.50568	.0048499	.0214084
Stddev	.016807	.022555	.0005121	.0004078	.09004	.0014373	.0009004
%RSD	.9885294	.8923471	6.542207	35.20465	.5143729	29.63624	4.205794

#1	1.687821	2.527778	.0074470	.0009359	17.42005	.0064113	.0214206
#2	1.719333	2.550139	.0084102	.0016290	17.59957	.0035819	.0205020
#3	1.693445	2.505029	.0076268	.0009101	17.49742	.0045564	.0223027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.84798	.2789396	.5471879	-.000836	16.50798	8.326888	.0121862
Stddev	.03037	.0025673	.0069069	.000624	.06180	.108215	.0007834
%RSD	.1916152	.9203651	1.262252	74.69821	.3743759	1.299587	6.428668

#1	15.81899	.2807568	.5401602	-.001170	16.53461	8.220493	.0115909
#2	15.87956	.2760027	.5539673	-.001222	16.43733	8.436836	.0130737
#3	15.84539	.2800593	.5474363	-.000115	16.55200	8.323335	.0118940

Sample Name: K3876-06 Acquired: 07/26/2019 14:29:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0211589	-.006758	.1376973
Stddev	.0017366	.000280	.0004760
%RSD	8.207370	4.143935	.3456754

#1	.0193586	-.007077	.1371526
#2	.0228239	-.006553	.1379058
#3	.0212942	-.006643	.1380335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.106	2194.066	29096.42	5082.587	2504.552
Stddev	16.657	4.671	223.06	26.548	5.764
%RSD	1.108942	.2128953	.7666232	.5223391	.2301382

#1	1484.534	2199.411	28952.77	5106.170	2508.744
#2	1517.666	2190.765	29353.39	5053.834	2506.932
#3	1504.118	2192.022	28983.10	5087.758	2497.979

Sample Name: K3876-07 Acquired: 07/26/2019 14:34:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197759	.0005453	.0039454	-.000278	-.002669	.0351643	.0472385
Stddev	.0016361	.0021121	.0005252	.000396	.000980	.0049536	.0002185
%RSD	8.272922	387.3308	13.31024	142.7940	36.71848	14.08685	.4625139

#1	.0215508	-.001542	.0033733	-.000111	-.002090	.0368373	.0474903
#2	.0183281	.002682	.0040576	.000008	-.003801	.0390648	.0471266
#3	.0194488	.000496	.0044055	-.000730	-.002117	.0295909	.0470986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000292	.0000320	18.68611	.0007904	.0037096	.0025456	1.437049
Stddev	.0000151	.0000057	.16615	.0004068	.0002418	.0003473	.012731
%RSD	51.80802	17.85558	.8891836	51.46477	6.517184	13.64455	.8859407

#1	.0000363	.0000272	18.63340	.0003424	.0037799	.0027998	1.426674
#2	.0000119	.0000383	18.55270	.0008923	.0039084	.0021498	1.433217
#3	.0000396	.0000306	18.87222	.0011366	.0034405	.0026870	1.451256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5970178	1.987680	.0128503	.0002648	214.8453	.0040386	.0081929
Stddev	.0064469	.023363	.0004135	.0004505	.6700	.0018986	.0010467
%RSD	1.079859	1.175404	3.218152	170.0845	.3118382	47.01046	12.77531

#1	.5974015	2.012330	.0126953	.0006300	214.5686	.0045817	.0074716
#2	.5903875	1.965861	.0133190	.0004030	214.3580	.0056065	.0077137
#3	.6032643	1.984849	.0125367	-.000239	215.6093	.0019277	.0093933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.671883	.0172450	.0599043	-.000347	8.135864	7.335711	-.001218
Stddev	.020201	.0012129	.0007468	.000052	.025705	.135560	.001316
%RSD	.5501484	7.033403	1.246729	14.95651	.3159433	1.847940	108.0455

#1	3.693437	.0167342	.0598885	-.000344	8.165457	7.277405	-.000478
#2	3.668827	.0163711	.0591654	-.000297	8.119090	7.239060	-.002738
#3	3.653384	.0186298	.0606589	-.000401	8.123044	7.490669	-.000438

Sample Name: K3876-07 Acquired: 07/26/2019 14:34:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009185	-.009133	.1173783
Stddev	.0003012	.002396	.0000757
%RSD	32.79046	26.23922	.0645326

#1	.0006025	-.006659	.1174235
#2	.0012023	-.009296	.1172909
#3	.0009508	-.011443	.1174206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.902	2205.030	28924.20	5015.607	2565.249
Stddev	24.607	2.390	249.13	28.579	3.174
%RSD	1.652671	.1083796	.8613176	.5697987	.1237119

#1	1478.497	2207.292	28893.35	5017.252	2561.646
#2	1471.206	2205.266	28691.94	5043.328	2566.467
#3	1517.001	2202.530	29187.32	4986.241	2567.632

Sample Name: K3876-08 Acquired: 07/26/2019 14:38:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185056	.0008722	.0041943	-.001949	-.003802	.0654684	.0402546
Stddev	.0010078	.0017805	.0007749	.001108	.002937	.0090477	.0008572
%RSD	5.446024	204.1381	18.47511	56.84354	77.23584	13.81988	2.129515

#1	.0195012	-.000731	.0048468	-.002214	-.001208	.0551478	.0400574
#2	.0174860	.000560	.0043984	-.000732	-.006990	.0720336	.0411932
#3	.0185297	.002788	.0033378	-.002900	-.003208	.0692238	.0395131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000673	-.000102	23.34179	.0013843	.0006822	-.000392	4.752875
Stddev	.0001079	.000087	.06939	.0000983	.0001849	.002215	.007322
%RSD	160.4632	85.47613	.2972945	7.103445	27.10208	564.6344	.1540517

#1	.0000021	-.000120	23.27290	.0012710	.0006386	-.002759	4.744426
#2	.0001919	-.000178	23.41168	.0014352	.0008850	-.000049	4.757354
#3	.0000078	-.000007	23.34080	.0014468	.0005230	.001631	4.756846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.373958	2.684615	.0080562	.0001707	133.5617	.0021763	.0070785
Stddev	.003819	.022346	.0004289	.0000665	.4416	.0021486	.0013735
%RSD	.2779446	.8323669	5.324104	38.93332	.3306466	98.72635	19.40346

#1	1.372366	2.697704	.0079051	.0002094	133.0794	.0003905	.0068509
#2	1.378315	2.658813	.0077233	.0000940	133.9463	.0015777	.0058331
#3	1.371192	2.697327	.0085402	.0002088	133.6593	.0045607	.0085516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.390471	.0106328	.2101872	-.000631	10.49060	8.251630	-.000829
Stddev	.051623	.0002022	.0014969	.000416	.02984	.057635	.000817
%RSD	1.175803	1.901183	.7121687	65.92213	.2844679	.6984710	98.46295

#1	4.438980	.0104216	.2094595	-.001068	10.47286	8.292859	-.000787
#2	4.396219	.0106523	.2091933	-.000239	10.47388	8.185772	-.000035
#3	4.336214	.0108244	.2119088	-.000586	10.52505	8.276259	-.001666

Sample Name: K3876-08 Acquired: 07/26/2019 14:38:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005018	-.005730	.1473751
Stddev	.0010038	.000980	.0001162
%RSD	200.0391	17.10214	.0788422

#1	.0016404	-.005050	.1473421
#2	-.000255	-.006853	.1475042
#3	.000121	-.005288	.1472789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.355	2195.029	28945.68	5032.201	2548.859
Stddev	4.626	4.845	164.78	37.195	2.738
%RSD	.3114364	.2207245	.5692586	.7391450	.1074110

#1	1487.906	2200.477	29081.08	5006.011	2551.157
#2	1480.015	2191.205	28993.75	5074.776	2549.589
#3	1488.144	2193.403	28762.22	5015.816	2545.830

Sample Name: K3876-12 Acquired: 07/26/2019 14:42:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014256	.0016486	.0042454	-.000999	-.004241	.0157189	.1024722
Stddev	.0006557	.0007641	.0013648	.000222	.000962	.0058551	.0013186
%RSD	45.99467	46.35098	32.14705	22.25975	22.67893	37.24878	1.286792

#1	.0016944	.0020947	.0053540	-.001169	-.004601	.0223581	.1023225
#2	.0006782	.0020848	.0046610	-.001080	-.004970	.0135053	.1038593
#3	.0019042	.0007663	.0027211	-.000747	-.003151	.0112933	.1012349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000530	.0001168	22.93214	.0001215	-.000429	.0021606	.0519352
Stddev	.0000515	.0000887	.27530	.0003144	.000032	.0011819	.0089187
%RSD	97.35346	75.87668	1.200493	258.8877	7.529971	54.70323	17.17266

#1	.0000316	.0000146	22.85298	-.000232	-.000466	.0017674	.0471236
#2	.0000155	.0001640	23.23834	.000371	-.000410	.0012255	.0622264
#3	.0001117	.0001719	22.70508	.000225	-.000411	.0034891	.0464557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1187993	2.894424	.0032301	.0001427	303.9242	.0018706	.0183485
Stddev	.0017437	.029004	.0004966	.0003873	2.5369	.0016556	.0002393
%RSD	1.467728	1.002063	15.37447	271.3966	.8347140	88.51044	1.304133

#1	.1189168	2.873304	.0030062	.0003215	303.0945	.0037643	.0185885
#2	.1204812	2.927494	.0028849	-.000302	306.7721	.0011506	.0181100
#3	.1169999	2.882475	.0037992	.000408	301.9061	.0006968	.0183470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.966575	.0094800	.0232839	-.000921	6.467424	6.714992	-.000802
Stddev	.085118	.0009454	.0004071	.000287	.014312	.016377	.001687
%RSD	2.869238	9.972292	1.748354	31.20152	.2212969	.2438835	210.3592

#1	2.870724	.0104394	.0231247	-.000955	6.465033	6.697894	-.002219
#2	2.995670	.0085493	.0229804	-.001191	6.454458	6.730536	.001064
#3	3.033330	.0094513	.0237465	-.000619	6.482781	6.716547	-.001251

Sample Name: K3876-12 Acquired: 07/26/2019 14:42:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007072	-.004756	.1406140
Stddev	.0005238	.002343	.0001153
%RSD	74.06591	49.26454	.0819787

#1	.0001422	-.003778	.1406714
#2	.0008028	-.007430	.1406893
#3	.0011765	-.003061	.1404813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.829	2200.293	28874.54	5025.555	2574.993
Stddev	15.542	5.366	168.85	29.046	3.277
%RSD	1.055993	.2438925	.5847583	.5779567	.1272529

#1	1481.694	2196.389	28820.00	5049.157	2571.884
#2	1453.913	2206.412	28739.71	4993.118	2574.681
#3	1479.880	2198.079	29063.92	5034.390	2578.415

Sample Name: K3924-04 Acquired: 07/26/2019 14:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1856900	.0048953	.0933008	.0075669	-.005109	89.63618	.4492081
Stddev	.0006075	.0012093	.0006133	.0020880	.000909	.57589	.0051292
%RSD	.3271765	24.70219	.6573517	27.59352	17.78286	.6424741	1.141841

#1	.1862724	.0061179	.0925929	.0057506	-.004744	90.19727	.4535782
#2	.1857376	.0036999	.0936369	.0071019	-.004440	89.04656	.4435610
#3	.1850601	.0048681	.0936725	.0098481	-.006143	89.66472	.4504850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057138	.0017059	12.01200	.7576574	.0844270	1.385194	164.6575
Stddev	.0000506	.0000595	.20131	.0030622	.0009738	.006131	1.4817
%RSD	.8864358	3.488183	1.675937	.4041712	1.153402	.4426375	.8998758

#1	.0057001	.0016765	12.21235	.7552779	.0835332	1.392044	165.8254
#2	.0056715	.0016668	11.80973	.7611122	.0854648	1.380218	162.9907
#3	.0057699	.0017744	12.01391	.7565819	.0842830	1.383322	165.1565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.177546	53.49926	.3518868	.0042573	3.951994	.2122087	.9549838
Stddev	.050708	.50619	.0006107	.0001781	.051365	.0035573	.0076989
%RSD	1.213815	.9461538	.1735565	4.184028	1.299731	1.676321	.8061842

#1	4.223707	53.86049	.3513328	.0041962	3.944358	.2154187	.9549559
#2	4.123270	52.92070	.3525417	.0041177	4.006750	.2083842	.9626966
#3	4.185663	53.71658	.3517860	.0044579	3.904874	.2128232	.9472988

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38400	3.679751	.0197184	.0043140	2.032659	1.912463	.0509762
Stddev	.02545	.013349	.0015561	.0002707	.006525	.024143	.0037639
%RSD	.2235635	.3627803	7.891610	6.274786	.3210310	1.262385	7.383693

#1	11.40930	3.672946	.0179363	.0046079	2.034859	1.930780	.0508595
#2	11.35840	3.695132	.0208082	.0040749	2.037800	1.885105	.0472720
#3	11.38431	3.671177	.0204106	.0042593	2.025317	1.921503	.0547972

Sample Name: K3924-04 Acquired: 07/26/2019 14:46:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.475943	.3768718	.0599102
Stddev	.036085	.0059875	.0002274
%RSD	.6589662	1.588729	.3795049

#1	5.512627	.3815647	.0600994
#2	5.440490	.3701285	.0596580
#3	5.474714	.3789222	.0599733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.527	2271.458	30475.03	5360.417	2448.724
Stddev	12.056	2.863	349.39	50.654	4.752
%RSD	.7816021	.1260382	1.146472	.9449719	.1940676

#1	1545.774	2269.439	30580.52	5314.424	2447.023
#2	1529.179	2274.734	30085.05	5414.708	2445.057
#3	1552.627	2270.200	30759.52	5352.118	2454.093

Sample Name: K3925-01 Acquired: 07/26/2019 14:50:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	.0000905	.0033353	.0003218	-.004610	.0214338	.0167126
Stddev	.003489	.0021792	.0010960	.0015933	.000575	.0087436	.0006277
%RSD	2635.737	2407.756	32.85930	495.0656	12.48132	40.79348	3.755915

#1	.002756	.0023074	.0042745	.0006464	-.005231	.0297952	.0172353
#2	.000855	.0000131	.0036004	.0017279	-.004095	.0123525	.0168861
#3	-.004008	-.002049	.0021311	-.001409	-.004503	.0221538	.0160164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000216	.0000683	3.766972	-.000201	-.000478	.0021148	.0730853
Stddev	.0000190	.0000304	.090042	.000086	.000269	.0027725	.0057466
%RSD	87.92362	44.53810	2.390307	42.60439	56.32202	131.1040	7.862862

#1	.0000374	.0000742	3.870511	-.000102	-.000613	.0051042	.0768018
#2	.0000269	.0000954	3.706997	-.000254	-.000168	.0016121	.0664664
#3	.0000005	.0000354	3.723407	-.000247	-.000653	-.000372	.0759878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120839	.8341536	.0012584	.0003642	124.4811	.0015691	.0202462
Stddev	.0003264	.0145993	.0004512	.0004601	2.2246	.0023675	.0003067
%RSD	2.701244	1.750190	35.85528	126.3266	1.787061	150.8878	1.514801

#1	.0120712	.8509988	.0008215	-.000016	126.8776	.0004546	.0200175
#2	.0117640	.8262944	.0012312	.000234	122.4820	.0042881	.0205947
#3	.0124165	.8251676	.0017227	.000876	124.0838	-.000036	.0201263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134948	.0086999	.0130578	-.000790	4.937133	6.666301	-.000074
Stddev	.0917288	.0020424	.0005864	.000512	.015668	.144447	.002094
%RSD	17.86363	23.47644	4.491090	64.80531	.3173470	2.166817	2848.409

#1	.5744912	.0109536	.0137347	-.000273	4.953936	6.824678	.000250
#2	.4080048	.0081745	.0127031	-.000800	4.922925	6.541810	-.002310
#3	.5579882	.0069714	.0127356	-.001297	4.934537	6.632415	.001840

Sample Name: K3925-01 Acquired: 07/26/2019 14:50:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006697	-.006712	.0258895
Stddev	.0009539	.001627	.0005892
%RSD	142.4201	24.23762	2.275816

#1	.0004968	-.008590	.0265627
#2	.0016982	-.005767	.0256380
#3	-.000186	-.005778	.0254678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.312	2201.289	29125.33	5012.588	2546.091
Stddev	9.028	7.120	202.24	101.208	8.854
%RSD	.6041618	.3234327	.6943713	2.019081	.3477379

#1	1498.761	2206.319	29329.72	4895.742	2546.454
#2	1483.923	2193.142	28925.32	5069.197	2537.062
#3	1500.252	2204.405	29120.95	5072.826	2554.758

Sample Name: K3925-02 Acquired: 07/26/2019 14:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016153	.0022623	.0025982	.0013206	-.003380	.0185225	.0170753
Stddev	.0042583	.0037557	.0011408	.0012832	.001050	.0166991	.0021334
%RSD	263.6254	166.0135	43.90451	97.16385	31.05602	90.15567	12.49422

#1	.0065323	.0033361	.0013333	-.000074	-.002536	.0129747	.0177892
#2	-.000817	-.001913	.0029128	.001585	-.004556	.0372894	.0187602
#3	-.000869	.005364	.0035488	.002451	-.003048	.0053034	.0146765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000111	.0000951	3.940610	-.000637	-.000142	.0005733	.0669568
Stddev	.0000085	.0000435	.291749	.000839	.000255	.0010240	.0028666
%RSD	76.55075	45.72053	7.403643	131.7877	179.7320	178.6035	4.281332

#1	.0000114	.0000774	3.873577	-.000031	-.000351	-.000083	.0702213
#2	.0000194	.0001445	4.260042	-.001594	.000143	.001753	.0657993
#3	.0000024	.0000632	3.688213	-.000284	-.000218	.000050	.0648500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123879	.8793030	.0012896	.0003766	131.0404	.0013357	.0195241
Stddev	.0007692	.0587926	.0003815	.0001971	9.0769	.0019233	.0011168
%RSD	6.209239	6.686276	29.58309	52.34162	6.926816	143.9899	5.719923

#1	.0121666	.8754011	.0009579	.0001493	129.2646	.0017604	.0183991
#2	.0132434	.9399495	.0012044	.0004792	140.8741	.0030111	.0206325
#3	.0117535	.8225586	.0017065	.0005012	122.9827	-.000764	.0195408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6178645	.0091903	.0146754	-.000530	4.941975	6.991975	.0001125
Stddev	.0189615	.0014762	.0009390	.000713	.017222	.458700	.0004326
%RSD	3.068880	16.06301	6.398779	134.5869	.3484797	6.560379	384.6162

#1	.5973238	.0083574	.0143959	.000100	4.940595	6.943483	-.000147
#2	.6346997	.0108948	.0157224	-.001304	4.925485	7.472995	-.000128
#3	.6215701	.0083187	.0139078	-.000386	4.959846	6.559448	.000612

Sample Name: K3925-02 Acquired: 07/26/2019 14:54:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012627	-.005119	.0274130
Stddev	.0015123	.003328	.0020350
%RSD	119.7631	65.01957	7.423625

#1	-.000471	-.008904	.0269311
#2	.002313	-.003802	.0296457
#3	.001945	-.002651	.0256621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.457	2195.947	28990.93	4795.431	2545.956
Stddev	16.372	3.763	221.89	284.802	4.963
%RSD	1.096278	.1713790	.7653741	5.939030	.1949190

#1	1505.585	2195.622	29043.86	4857.510	2542.049
#2	1499.953	2192.357	29181.57	4484.709	2544.279
#3	1474.834	2199.863	28747.37	5044.072	2551.540

Sample Name: K3925-01LX5 Acquired: 07/26/2019 15:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	.0001202	.0018811	-.001278	-.000636	.0144412	.0025720
Stddev	.001252	.0035611	.0003809	.001995	.003738	.0042597	.0002760
%RSD	2320.440	2962.920	20.25153	156.1201	588.0595	29.49726	10.73144

#1	.000447	-.003020	.0019618	-.002999	-.002246	.0102550	.0025240
#2	-.001479	-.000608	.0014662	-.001742	-.003298	.0187709	.0023231
#3	.000870	.003989	.0022152	.000908	.003637	.0142976	.0028689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000057	-.000000	.7498954	-.001026	-.000279	.0030511	.0086797
Stddev	.000039	.000082	.0203854	.000518	.000031	.0030611	.0018174
%RSD	68.92242	16e6	2.718436	50.51996	10.96896	100.3283	20.93913

#1	-.000092	.000091	.7300081	-.001181	-.000244	.0063785	.0085998
#2	-.000014	-.000065	.7707449	-.001448	-.000291	.0024201	.0105357
#3	-.000065	-.000026	.7489332	-.000448	-.000301	.0003547	.0069035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019779	.1708195	-.000009	.0003915	24.98411	.0013712	.0040400
Stddev	.0001377	.0060297	.000121	.0002741	.26282	.0046022	.0011142
%RSD	6.960203	3.529850	1330.476	69.99404	1.051942	335.6219	27.58047

#1	.0018801	.1642896	-.000102	.0001037	25.16506	.0061853	.0030479
#2	.0019183	.1761765	.000128	.0006493	25.10462	-.002985	.0038264
#3	.0021353	.1719925	-.000054	.0004217	24.68265	.000913	.0052455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640371	.0038320	-.002728	-.000794	.9863036	1.291338	-.000834
Stddev	.1330081	.0016161	.000427	.000236	.0027878	.016259	.000603
%RSD	207.7048	42.17473	15.66661	29.67657	.2826487	1.259060	72.30497

#1	.1167670	.0055258	-.002239	-.000528	.9839381	1.273501	-.000242
#2	-.087251	.0023067	-.003032	-.000877	.9855956	1.305329	-.000813
#3	.162595	.0036635	-.002913	-.000978	.9893772	1.295185	-.001448

Sample Name: K3925-01LX5 Acquired: 07/26/2019 15:02:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004953	.0013868	.0052158
Stddev	.0003604	.0028119	.0000569
%RSD	72.75205	202.7595	1.090203

#1	.0004098	-.000177	.0051558
#2	.0001855	-.000295	.0052689
#3	.0008908	.004633	.0052227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.948	2091.150	27657.94	4921.272	2423.686
Stddev	12.563	6.317	120.32	54.711	6.558
%RSD	.8872473	.3020849	.4350112	1.111728	.2705847

#1	1408.976	2096.281	27594.59	4981.539	2431.185
#2	1430.451	2084.094	27796.69	4907.546	2420.849
#3	1408.417	2093.074	27582.54	4874.731	2419.024

Sample Name: K3925-04 Acquired: 07/26/2019 15:06:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027013	.0014818	.0025153	-.001740	-.005173	.0350220	.1005364
Stddev	.0013500	.0006401	.0008823	.001923	.001445	.0109964	.0009757
%RSD	49.97412	43.19858	35.07766	110.5411	27.92859	31.39851	.9705460

#1	.0042450	.0007493	.0034582	-.001238	-.004997	.0423466	.1007918
#2	.0021172	.0019339	.0023783	-.000118	-.003824	.0223773	.1013590
#3	.0017418	.0017622	.0017096	-.003864	-.006697	.0403420	.0994583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	.0001593	22.59274	-.000105	-.000256	.0012745	.1856160
Stddev	.0000572	.0000459	.26799	.000369	.000120	.0023376	.0016656
%RSD	98.21093	28.82065	1.186177	349.4842	46.75101	183.4145	.8973397

#1	.0001230	.0001822	22.56332	-.000169	-.000140	.0022050	.1872299
#2	.0000369	.0001064	22.87422	-.000438	-.000250	-.001385	.1839031
#3	.0000147	.0001892	22.34067	.000291	-.000378	.003004	.1857150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239282	2.791481	.0040782	.0002550	298.2306	.0031114	.0179237
Stddev	.0012212	.029719	.0003368	.0001566	3.2693	.0008256	.0009009
%RSD	.9854160	1.064638	8.258215	61.43369	1.096228	26.53528	5.026293

#1	.1230791	2.805686	.0044423	.0003144	297.7220	.0035058	.0176425
#2	.1253277	2.811433	.0037778	.0000773	301.7243	.0021625	.0171970
#3	.1233777	2.757325	.0040145	.0003732	295.2454	.0036658	.0189317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.944858	.0123432	.0202796	-.000650	6.434496	6.622448	-.002780
Stddev	.041694	.0010793	.0002406	.000189	.024459	.069665	.000889
%RSD	1.415825	8.744211	1.186356	29.07950	.3801297	1.051959	31.97580

#1	2.987778	.0122770	.0203809	-.000459	6.422272	6.684489	-.002028
#2	2.942285	.0134540	.0204529	-.000837	6.462658	6.635773	-.003761
#3	2.904509	.0112985	.0200049	-.000655	6.418559	6.547083	-.002552

Sample Name: K3925-04 Acquired: 07/26/2019 15:06:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014348	-.004935	.1391392
Stddev	.0000858	.000242	.0002297
%RSD	5.981886	4.894769	.1651185

#1	.0013495	-.004858	.1390691
#2	.0014338	-.004742	.1389527
#3	.0015211	-.005206	.1393959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.773	2207.269	28965.39	5057.339	2584.972
Stddev	7.154	5.870	55.43	45.749	5.197
%RSD	.4795416	.2659458	.1913597	.9046085	.2010369

#1	1499.473	2214.034	29029.35	5024.563	2588.619
#2	1490.515	2204.255	28935.52	5037.850	2587.275
#3	1485.332	2203.518	28931.31	5109.606	2579.021

Sample Name: K3925-05 Acquired: 07/26/2019 15:10:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000320	.0034226	.0098978	-.000818	-.003876	.7434998	.0075315
Stddev	.0023370	.0035151	.0024034	.002695	.000220	.0053083	.0001455
%RSD	7303.749	102.7005	24.28190	329.5849	5.666371	.7139608	1.932502

#1	-.001910	-.000596	.0121963	.001307	-.003916	.7387814	.0073797
#2	.002626	.005924	.0100953	-.003849	-.003639	.7492473	.0076699
#3	-.000620	.004940	.0074017	.000089	-.004073	.7424707	.0075449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001943	.0000840	1.214867	.0011175	.0000108	.0010544	.3819434
Stddev	.0000317	.0000533	.008952	.0002906	.0001560	.0009600	.0216625
%RSD	16.32986	63.51629	.7368735	26.00503	1439.655	91.04984	5.671641

#1	.0002022	.0000235	1.221692	.0014529	.0001858	.0018318	.3699893
#2	.0001594	.0001241	1.204731	.0009435	-.000039	-.000019	.3688919
#3	.0002214	.0001044	1.218178	.0009559	-.000114	.001350	.4069490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043046	.2805149	.0009797	.0001136	56.23453	.0037822	.0059233
Stddev	.0001280	.0199084	.0004342	.0003107	.13639	.0012088	.0004360
%RSD	2.974128	7.097083	44.32485	273.4164	.2425301	31.96130	7.360924

#1	.0042974	.2596493	.0004844	-.000177	56.16895	.0029729	.0055469
#2	.0044360	.2825924	.0012953	.000077	56.14331	.0032019	.0064011
#3	.0041802	.2993031	.0011592	.000441	56.39131	.0051718	.0058220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0867524	.0891678	.0008066	-.000637	2.964677	7.288633	-.000326
Stddev	.0262025	.0025653	.0005445	.000265	.002953	.047658	.000138
%RSD	30.20379	2.876961	67.50120	41.53521	.0996102	.6538637	42.45564

#1	.1108375	.0899749	.0002085	-.000374	2.966413	7.343659	-.000486
#2	.0905688	.0912325	.0012734	-.000634	2.961267	7.260509	-.000245
#3	.0588510	.0862959	.0009380	-.000903	2.966351	7.261731	-.000247

Sample Name: K3925-05 Acquired: 07/26/2019 15:10:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0276265	-.006723	.0084373
Stddev	.0012525	.001675	.0001234
%RSD	4.533807	24.91981	1.462953

#1	.0265367	-.005256	.0084240
#2	.0273481	-.008549	.0083211
#3	.0289949	-.006366	.0085669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.671	2213.772	30149.01	5146.562	2524.676
Stddev	142.857	6.271	2720.20	21.873	3.769
%RSD	9.248372	.2832913	9.022509	.4250114	.1492931

#1	1513.896	2210.683	29326.89	5148.528	2522.821
#2	1700.407	2220.989	33185.43	5123.772	2529.014
#3	1419.710	2209.645	27934.69	5167.386	2522.194

Sample Name: PB121619BL Acquired: 07/26/2019 15:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002089	-.000870	.0001169	.0001041	-.000926	-.007808	-.000244
Stddev	.000578	.001884	.0018689	.0005066	.001271	.011129	.000272
%RSD	27.66864	216.5320	1598.726	486.8410	137.2633	142.5291	111.6004

#1	-.001486	-.002324	-.001353	.0003104	-.000312	-.019423	-.000550
#2	-.002638	-.001544	.002220	.0004749	-.002387	.002761	-.000148
#3	-.002141	.001258	-.000516	-.000473	-.000078	-.006762	-.000033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000081	.0165689	-.000596	-.000234	.0012671	-.001673
Stddev	.000057	.000018	.0047324	.000425	.000116	.0009226	.005972
%RSD	91.03351	21.65559	28.56191	71.34381	49.28195	72.81201	356.8843

#1	-.000034	-.000083	.0152115	-.000310	-.000191	.0006729	-.007682
#2	-.000025	-.000063	.0126635	-.000393	-.000365	.0023300	.004261
#3	-.000128	-.000098	.0218316	-.001084	-.000147	.0007984	-.001599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0087862	-.000184	.0000656	-.112206	.0025913	.0004223
Stddev	.000107	.0141764	.000096	.0003429	.183414	.0054084	.0015527
%RSD	153.0009	161.3487	51.89502	522.8429	163.4620	208.7169	367.7006

#1	-.000017	-.004844	-.000083	.0004468	-.044504	.0059589	-.000136
#2	-.000000	.023452	-.000198	-.000218	.027734	.0054622	.002177
#3	-.000193	.007751	-.000273	-.000032	-.319847	-.003647	-.000774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546120	.0001376	-.007972	-.000570	-.005959	-.002926	-.000402
Stddev	.0282458	.0021287	.000648	.000377	.001592	.000740	.001304
%RSD	51.72085	1547.115	8.130572	66.06366	26.72163	25.28386	324.1301

#1	.0714136	-.001938	-.008585	-.000999	-.006025	-.003417	-.001610
#2	.0220016	.002316	-.007293	-.000422	-.004334	-.002075	.000980
#3	.0704208	.000034	-.008037	-.000290	-.007517	-.003287	-.000576

Sample Name: PB121619BL Acquired: 07/26/2019 15:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS619 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007818	-.000874	.0000044
Stddev	.0002262	.000867	.0000316
%RSD	28.93199	99.25924	713.4013

#1	.0005719	-.001092	.0000073
#2	.0010213	.000082	-.000029
#3	.0007521	-.001612	.000035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.960	2059.657	27560.83	4911.017	2346.507
Stddev	13.806	3.052	420.49	18.904	7.195
%RSD	.9778142	.1481946	1.525667	.3849348	.3066320

#1	1405.383	2056.671	27575.25	4904.294	2339.004
#2	1402.672	2059.528	27133.32	4896.392	2347.167
#3	1427.826	2062.772	27973.92	4932.363	2353.349

Sample Name: PB121619BS Acquired: 07/26/2019 15:18:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185831	.0524606	.0206729	.0767100	.1253974	.4017291
Stddev	.0003682	.0043259	.0007969	.0007854	.0014961	.0028002
%RSD	1.981505	8.245921	3.854620	1.023912	1.193098	.6970482

#1	.0189686	.0571180	.0215296	.0764468	.1263961	.4009492
#2	.0185457	.0516954	.0205350	.0760900	.1236772	.3994015
#3	.0182350	.0485684	.0199539	.0775933	.1261187	.4048366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4417270	.0110792	.0114346	11.37412	.0238474	.1101815
Stddev	.0057144	.0001198	.0000366	.15731	.0007917	.0001915
%RSD	1.293657	1.081559	.3196858	1.383095	3.319742	.1738045

#1	.4460090	.0111663	.0114254	11.52938	.0245680	.1102993
#2	.4352382	.0109426	.0114035	11.21483	.0239742	.1099605
#3	.4439338	.0111289	.0114749	11.37814	.0230000	.1102846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479125	.2392057	.0351132	10.66859	.0925444	.0224807
Stddev	.0022273	.0018624	.0009775	.08231	.0008936	.0002328
%RSD	4.648777	.7785782	2.783777	.7715401	.9656338	1.035691

#1	.0486917	.2370554	.0362411	10.74869	.0935650	.0227300
#2	.0454003	.2402567	.0345129	10.58423	.0921655	.0222689
#3	.0496456	.2403051	.0345856	10.67284	.0919026	.0224433

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52011	.1138320	.1262537	10.63882	F .0264340	F .0150248
Stddev	.17659	.0027878	.0011886	.13090	.0001463	.0003806
%RSD	1.678588	2.449065	.9414385	1.230377	.5535318	2.533157

#1	10.45502	.1170511	.1270185	10.76954	.0265095	.0153439
#2	10.38531	.1122244	.1248844	10.50775	.0265272	.0146036
#3	10.72001	.1122205	.1268583	10.63918	.0262654	.0151271

Sample Name: PB121619BS Acquired: 07/26/2019 15:18:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS619 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204544	.2172488	.2031098	F .1073788	.2241781	F .1095449
Stddev	.0003625	.0011786	.0019986	.0004215	.0025497	.0010456
%RSD	1.772322	.5425254	.9839914	.3925688	1.137360	.9544747

#1	.0206472	.2185779	.2053308	.1068972	.2246763	.1098410
#2	.0200363	.2163307	.2014564	.1076810	.2214160	.1083832
#3	.0206798	.2168378	.2025421	.1075580	.2264419	.1104105

Elem	Sr4077
Units	ppm
Avg	.2247611
Stddev	.0007525
%RSD	.3348118

#1	.2255727
#2	.2246240
#3	.2240866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.569	2093.453	27838.42	4970.055	2426.581
Stddev	1.077	2.487	119.45	56.729	3.318
%RSD	.0761148	.1187770	.4290953	1.141419	.1367492

#1	1416.343	2092.706	27816.03	4904.721	2425.150
#2	1416.025	2096.227	27967.49	5006.823	2430.375
#3	1414.338	2091.425	27731.75	4998.621	2424.218

Sample Name: K3864-16 Acquired: 07/26/2019 15:26:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000339	.0141521	.0857553	.0247582	.0062464	42.04238	.2444867
Stddev	.002249	.0012574	.0022955	.0031266	.0002801	.14214	.0006097
%RSD	.1124257	8.885063	2.676741	12.62840	4.483327	.3380795	.2493847

#1	2.000170	.0133744	.0880022	.0282353	.0061566	42.04143	.2448467
#2	1.998179	.0134792	.0834142	.0238611	.0060223	42.18499	.2448306
#3	2.002667	.0156028	.0858496	.0221783	.0065604	41.90073	.2437827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119497	-.003472	7.252466	.0676033	.0633662	.0116988	479.2278
Stddev	.0001672	.000080	.107954	.0005443	.0001967	.0004188	2.0437
%RSD	1.399073	2.311784	1.488509	.8051425	.3104619	3.579438	.4264598

#1	.0121415	-.003561	7.340866	.0678766	.0633797	.0112205	480.9768
#2	.0118726	-.003405	7.284379	.0669765	.0635559	.0119993	479.7253
#3	.0118350	-.003451	7.132154	.0679568	.0631631	.0118767	476.9812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.041735	8.627065	.0671897	.0007753	-.509416	.2482976	.2642164
Stddev	.021356	.041570	.0010001	.0004047	.134782	.0005097	.0107187
%RSD	.5283835	.4818512	1.488412	52.20208	26.45819	.2052695	4.056793

#1	4.056320	8.641709	.0683445	.0011885	-.356730	.2482960	.2590806
#2	4.051662	8.659330	.0666124	.0007577	-.611866	.2488080	.2570319
#3	4.017222	8.580155	.0666122	.0003797	-.559652	.2477886	.2765366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9512362	9.183782	.0884387	.0261715	2.599486	3.221821	.0090405
Stddev	.0739877	.022473	.0086339	.0004728	.019034	.034152	.0005930
%RSD	7.778061	.2447052	9.762619	1.806389	.7322062	1.060034	6.558912

#1	1.024231	9.207566	.0850476	.0261181	2.616159	3.233528	.0088195
#2	.876294	9.180877	.0820152	.0257277	2.603549	3.248581	.0085897
#3	.953184	9.162902	.0982534	.0266687	2.578749	3.183355	.0097122

Sample Name: K3864-16 Acquired: 07/26/2019 15:26:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.236340	.0647784	.0808904
Stddev	.004576	.0010239	.0001548
%RSD	.3701538	1.580587	.1913816

#1	1.234037	.0655108	.0809118
#2	1.241611	.0636084	.0810334
#3	1.233373	.0652159	.0807260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.811	2243.258	29657.83	5342.595	2494.162
Stddev	9.588	2.264	86.75	53.072	1.373
%RSD	.6392836	.1009214	.2924952	.9933823	.0550322

#1	1510.547	2240.939	29587.74	5331.266	2492.800
#2	1492.103	2243.374	29754.85	5296.101	2494.142
#3	1496.782	2245.462	29630.90	5400.417	2495.545

Sample Name: K3864-15 Acquired: 07/26/2019 15:22:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.986779	.0133027	.0842637	.0251233	.0075653	42.01533	.2438685
Stddev	.003959	.0015099	.0031446	.0021310	.0017483	.05937	.0013513
%RSD	.1992840	11.35035	3.731817	8.482230	23.10861	.1413100	.5541256

#1	1.984666	.0144436	.0815779	.0263753	.0089925	41.97283	.2432643
#2	1.991347	.0138740	.0834904	.0263318	.0080883	42.08316	.2454166
#3	1.984325	.0115905	.0877227	.0226627	.0056153	41.98999	.2429247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121059	-.003750	7.284894	.0686828	.0622966	.0107618	476.9226
Stddev	.0002870	.000098	.169124	.0003580	.0008193	.0012030	1.7121
%RSD	2.370911	2.600484	2.321569	.5212700	1.315135	11.17800	.3589963

#1	.0119506	-.003657	7.391169	.0688884	.0625523	.0094878	476.2696
#2	.0124371	-.003851	7.373644	.0682693	.0613800	.0109196	478.8652
#3	.0119299	-.003742	7.089869	.0688905	.0629576	.0118781	475.6331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.024779	8.634193	.0671260	.0002043	-.306797	.2507583	.2564894
Stddev	.013328	.030860	.0013358	.0002691	.115812	.0038039	.0036839
%RSD	.3311584	.3574122	1.989942	131.7072	37.74877	1.516948	1.436263

#1	4.018807	8.602695	.0673568	.0005026	-.178941	.2487374	.2573966
#2	4.040049	8.635512	.0656899	.0001305	-.336784	.2483914	.2524367
#3	4.015480	8.664372	.0683313	-.000020	-.404666	.2551461	.2596349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9831985	9.137717	.0736287	.0255492	2.570264	3.213814	.0066416
Stddev	.0342879	.031544	.0137930	.0004430	.014757	.052851	.0026518
%RSD	3.487384	.3452083	18.73317	1.733793	.5741615	1.644502	39.92744

#1	.9749809	9.171050	.0691653	.0250510	2.587066	3.230249	.0079619
#2	1.020849	9.133768	.0626201	.0256980	2.559404	3.256496	.0035888
#3	.953766	9.108334	.0891007	.0258986	2.564321	3.154698	.0083742

Sample Name: K3864-15 Acquired: 07/26/2019 15:22:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.241403	.0675859	.0803551
Stddev	.005556	.0020428	.0004995
%RSD	.4475676	3.022500	.6216398

#1	1.236102	.0698849	.0802088
#2	1.247183	.0668935	.0809114
#3	1.240924	.0659793	.0799450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.056	2243.704	29784.63	5297.754	2493.592
Stddev	5.508	5.416	60.65	71.583	12.560
%RSD	.3628237	.2414068	.2036211	1.351198	.5037021

#1	1520.267	2238.246	29729.02	5285.073	2480.231
#2	1522.115	2249.077	29849.29	5233.358	2505.158
#3	1511.786	2243.790	29775.58	5374.830	2495.387

Sample Name: K3864-17 Acquired: 07/26/2019 15:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52H9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035054	.1195455	.1247525	.1230008	.2009876	45.59460	4.622843
Stddev	.006188	.0046066	.0015545	.0028829	.0016181	.11277	.022949
%RSD	.3040522	3.853438	1.246091	2.343800	.8050950	.2473331	.4964255

#1	2.042105	.1155503	.1263673	.1260618	.1994842	45.46608	4.608465
#2	2.030531	.1185018	.1232662	.1226035	.2007785	45.67698	4.649309
#3	2.032525	.1245845	.1246241	.1203372	.2027001	45.64074	4.610755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147368	.1095025	7.626519	.4967242	1.189541	.4530429	479.0143
Stddev	.0007651	.0001553	.158081	.0017945	.000576	.0027173	.7581
%RSD	.6668280	.1418113	2.072777	.3612749	.0484609	.5997990	.1582657

#1	.1140864	.1093256	7.809023	.4946602	1.188876	.4559460	478.2242
#2	.1155798	.1096162	7.532338	.4979146	1.189873	.4505604	479.7357
#3	.1145442	.1095658	7.538195	.4975979	1.189875	.4526223	479.0831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081775	8.711813	1.201461	.1063944	-.766904	1.349999	1.240107
Stddev	.009664	.012138	.001414	.0006865	.280140	.002411	.007208
%RSD	.1901747	.1393314	.1177065	.6452742	36.52866	.1785763	.5812621

#1	5.081177	8.700321	1.200294	.1058252	-.764875	1.347838	1.246243
#2	5.091724	8.724508	1.201054	.1071568	-1.04805	1.352599	1.232169
#3	5.072423	8.710611	1.203033	.1062011	-.48778	1.349559	1.241910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9458410	8.947534	.0836915	.0253293	2.531519	3.419891	1.057931
Stddev	.0899344	.016876	.0081665	.0003279	.005760	.039034	.001399
%RSD	9.508405	.1886060	9.757921	1.294556	.2275332	1.141374	.1322354

#1	.9113711	8.939245	.0930179	.0255269	2.529906	3.376870	1.057362
#2	1.047912	8.936405	.0778217	.0255101	2.537914	3.453042	1.056905
#3	.878240	8.966951	.0802348	.0249508	2.526737	3.429761	1.059524

Sample Name: K3864-17 Acquired: 07/26/2019 15:30:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.242167	.0650365	.0797273
Stddev	.005325	.0014519	.0003123
%RSD	.4286761	2.232428	.3917149

#1	1.247888	.0666020	.0793950
#2	1.241255	.0647733	.0800148
#3	1.237356	.0637342	.0797722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.096	2231.838	29689.95	5248.206	2498.211
Stddev	13.261	3.956	20.72	6.785	5.093
%RSD	.8810892	.1772366	.0698006	.1292754	.2038832

#1	1491.400	2227.301	29673.42	5251.967	2493.202
#2	1517.875	2233.647	29713.20	5240.374	2498.048
#3	1506.013	2234.566	29683.23	5252.277	2503.385

Sample Name: K3864-15LX5 Acquired: 07/26/2019 15:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52H9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4246902	.0054652	.0192124	.0051218	-.000350	8.708656	.0500753
Stddev	.0041145	.0015349	.0010887	.0022807	.001859	.029649	.0008767
%RSD	.9688186	28.08566	5.666418	44.52872	531.3840	.3404520	1.750854

#1	.4291033	.0041662	.0193378	.0073949	.001524	8.725187	.0498579
#2	.4209597	.0050704	.0180665	.0051370	-.000380	8.674427	.0493276
#3	.4240075	.0071590	.0202329	.0028336	-.002193	8.726354	.0510402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024730	-.000982	1.560631	.0143306	.0120733	.0024603	98.87792
Stddev	.0000569	.000047	.052851	.0003321	.0003159	.0016819	.80229
%RSD	2.302073	4.760076	3.386483	2.317162	2.616769	68.35962	.8113933

#1	.0025112	-.000928	1.620171	.0140122	.0123816	.0023245	98.67375
#2	.0024076	-.001010	1.519267	.0146749	.0120880	.0042060	98.19743
#3	.0025002	-.001009	1.542456	.0143047	.0117503	.0008505	99.76256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8378722	1.806246	.0136169	-.000276	-.090378	.0533892	.0543562
Stddev	.0071211	.028413	.0002045	.000293	.318609	.0017369	.0016478
%RSD	.8499074	1.573051	1.502040	106.3018	352.5311	3.253364	3.031539

#1	.8386780	1.773591	.0138467	.000056	-.116006	.0527576	.0560328
#2	.8303825	1.825317	.0134550	-.000500	.240272	.0520564	.0542968
#3	.8445562	1.819831	.0135490	-.000383	-.395399	.0553536	.0527388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2234848	1.932513	.0201641	.0047797	.5364909	.6694835	.0006632
Stddev	.0522075	.012388	.0008520	.0003339	.0019357	.0027454	.0006787
%RSD	23.36065	.6410268	4.225264	6.986116	.3608146	.4100840	102.3378

#1	.2439299	1.939571	.0205482	.0048214	.5345965	.6673083	.0013742
#2	.1641489	1.918209	.0191877	.0050909	.5364108	.6685738	.0005935
#3	.2623756	1.939760	.0207565	.0044269	.5384655	.6725683	.0000220

Sample Name: K3864-15LX5 Acquired: 07/26/2019 15:34:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2582527	.0124253	.0166563
Stddev	.0015241	.0014909	.0001365
%RSD	.5901521	11.99879	.8194466

#1	.2570777	.0128650	.0166529
#2	.2577055	.0136470	.0165216
#3	.2599748	.0107641	.0167945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.713	2146.608	28356.82	5039.360	2423.166
Stddev	10.754	4.038	166.24	40.838	4.294
%RSD	.7407932	.1881216	.5862358	.8103716	.1772055

#1	1455.798	2142.128	28317.46	5060.619	2418.729
#2	1459.825	2147.731	28539.20	5065.181	2427.302
#3	1439.514	2149.967	28213.79	4992.278	2423.466

Sample Name: CCV033 Acquired: 07/26/2019 15:42:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.908094	5.117124	25.12671	5.022965	5.063237	408.3192	10.25718
Stddev	.014777	.017548	.04091	.020751	.012686	4.3794	.06506
%RSD	.3010666	.3429276	.1628233	.4131191	.2505557	1.072540	.6343287

#1	4.901175	5.110834	25.13852	5.020576	5.053039	403.6423	10.18595
#2	4.898046	5.103589	25.08119	5.003513	5.059230	408.9920	10.31349
#3	4.925061	5.136951	25.16042	5.044808	5.077443	412.3232	10.27210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064298	2.434143	409.8898	15.19497	2.539650	15.16281	416.7652
Stddev	.0036304	.002681	3.4854	.01798	.001899	.00767	2.9873
%RSD	.7168633	.1101552	.8503338	.1183506	.0747926	.0505836	.7167891

#1	.5022485	2.431211	405.8695	15.21348	2.539293	15.16766	413.3254
#2	.5087795	2.434747	412.0610	15.17756	2.537955	15.15397	418.2614
#3	.5082615	2.436471	411.7390	15.19388	2.541703	15.16681	418.7088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18134	405.4098	2.534658	1.316170	410.6445	2.543177	14.87591
Stddev	.12015	2.7492	.005237	.006690	1.4626	.015439	.02773
%RSD	.7914486	.6781215	.2066244	.5082903	.3561744	.6070699	.1864281

#1	15.04378	402.2658	2.534257	1.315808	409.0323	2.526825	14.89291
#2	15.26572	407.3620	2.529633	1.323033	411.8864	2.557502	14.89091
#3	15.23453	406.6016	2.540084	1.309668	411.0146	2.545206	14.84390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.6272	5.198364	5.068346	4.958535	5.151793	5.014848	5.022813
Stddev	.4325	.022272	.048178	.013890	.014061	.034865	.002686
%RSD	.2797031	.4284457	.9505602	.2801319	.2729339	.6952317	.0534787

#1	154.2175	5.187422	5.015348	4.952528	5.136146	4.975270	5.022816
#2	154.5847	5.183679	5.109490	4.948658	5.155864	5.041019	5.020125
#3	155.0794	5.223990	5.080201	4.974418	5.163370	5.028255	5.025497

Sample Name: CCV033 Acquired: 07/26/2019 15:42:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.090007	5.201523	5.186646
Stddev	.013508	.050974	.093984
%RSD	.2653900	.9799777	1.812037

#1	5.076544	5.145421	5.088055
#2	5.103560	5.244994	5.275221
#3	5.089918	5.214152	5.196663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.742	1927.566	26909.43	4744.117	2410.822
Stddev	4.802	1.541	76.16	34.234	2.895
%RSD	.3861150	.0799237	.2830219	.7216160	.1200682

#1	1247.171	1927.397	26898.92	4783.004	2407.530
#2	1238.254	1929.184	26839.08	4718.525	2411.963
#3	1245.802	1926.117	26990.30	4730.821	2412.971

Sample Name: K3864-01 Acquired: 07/26/2019 15:38:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500628	.0013430	.0774678	.0090028	-.002619	44.59309	.1911156
Stddev	.0011002	.0007150	.0016062	.0007512	.001241	.14643	.0004907
%RSD	.4399842	53.24347	2.073388	8.344189	47.39471	.3283791	.2567427

#1	.2493016	.0017847	.0765974	.0082132	-.001191	44.45217	.1916307
#2	.2495625	.0017261	.0793213	.0090867	-.003226	44.58261	.1906537
#3	.2513243	.0005180	.0764846	.0097085	-.003439	44.74448	.1910624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041203	-.000601	11.82783	.5451534	.0345084	.2418102	113.2923
Stddev	.0000469	.000084	.05602	.0029706	.0003929	.0016677	.2455
%RSD	1.138720	14.04812	.4736096	.5449035	1.138560	.6896835	.2167252

#1	.0040724	-.000522	11.78647	.5420478	.0342882	.2398845	113.3673
#2	.0041225	-.000592	11.80543	.5454450	.0349621	.2427765	113.0180
#3	.0041662	-.000690	11.89158	.5479674	.0342750	.2427696	113.4916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609193	28.97974	.0966752	.0008209	.3308872	.1270498	.1734521
Stddev	.001520	.08193	.0006461	.0001764	.0591941	.0016401	.0060024
%RSD	.0944465	.2827194	.6683603	21.48875	17.88951	1.290885	3.460577

#1	1.609040	28.90591	.0963987	.0006182	.3982438	.1251903	.1801964
#2	1.607755	28.96543	.0962133	.0009394	.2871462	.1282904	.1714639
#3	1.610784	29.06789	.0974136	.0009051	.3072716	.1276686	.1686960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.900112	2.223492	.0256934	.0070872	23.04207	1.218109	.1747758
Stddev	.011674	.001338	.0011077	.0002522	.02566	.010492	.0011813
%RSD	.6143676	.0601695	4.311286	3.558245	.1113540	.8613147	.6758856

#1	1.889167	2.222526	.0267787	.0073728	23.06959	1.216433	.1735282
#2	1.912399	2.222931	.0245646	.0068952	23.01881	1.208556	.1749220
#3	1.898770	2.225019	.0257369	.0069937	23.03782	1.229338	.1758772

Sample Name: K3864-01 Acquired: 07/26/2019 15:38:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.366978	.1674176	.0660426
Stddev	.005281	.0019655	.0001163
%RSD	.3862962	1.173992	.1760755

#1	1.361015	.1655216	.0661769
#2	1.371063	.1672853	.0659778
#3	1.368854	.1694459	.0659733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.805	2243.186	30201.66	5415.012	2482.841
Stddev	6.047	3.271	216.15	35.865	5.205
%RSD	.3932432	.1458037	.7156805	.6623280	.2096195

#1	1531.322	2246.232	30290.36	5425.948	2484.105
#2	1538.799	2243.597	29955.27	5444.136	2487.296
#3	1543.294	2239.729	30359.34	5374.952	2477.120

Sample Name: K3864-02 Acquired: 07/26/2019 15:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7104111	.0056381	.3150287	.0127566	-.007461	41.21716	.4411679
Stddev	.0030452	.0006566	.0016330	.0027166	.001476	.05334	.0024352
%RSD	.4286488	11.64499	.5183794	21.29543	19.78066	.1294062	.5519977

#1	.7100929	.0060464	.3165473	.0158163	-.008438	41.17073	.4413316
#2	.7075375	.0059871	.3133013	.0118251	-.005764	41.20533	.4386549
#3	.7136029	.0048807	.3152375	.0106283	-.008183	41.27542	.4435171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095990	-.001337	12.54338	.6363767	.0475642	1.979410	263.7909
Stddev	.0000962	.000056	.09479	.0015829	.0003293	.005731	.3668
%RSD	1.002440	4.226246	.7556898	.2487431	.6923541	.2895110	.1390513

#1	.0095137	-.001273	12.43414	.6345552	.0475813	1.984518	263.6944
#2	.0097033	-.001356	12.59204	.6371561	.0472266	1.980498	263.4820
#3	.0095800	-.001381	12.60395	.6374188	.0478846	1.973213	264.1963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.000827	22.31565	.1812759	.0043371	.5731087	.1237311	.3700797
Stddev	.015250	.08317	.0000217	.0002581	.0503198	.0013312	.0013791
%RSD	.1694277	.3726796	.0119560	5.950675	8.780155	1.075874	.3726382

#1	9.005012	22.31522	.1812694	.0040609	.5152762	.1248563	.3696418
#2	8.983922	22.23270	.1812582	.0043783	.6068867	.1240753	.3716246
#3	9.013548	22.39903	.1813000	.0045722	.5971631	.1222615	.3689728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907952	4.620130	.0539887	.0209854	2.008451	1.947764	1.304275
Stddev	.113270	.041563	.0016284	.0000911	.017653	.012095	.007279
%RSD	2.307892	.8995971	3.016094	.4339152	.8789492	.6209510	.5580654

#1	4.793240	4.637114	.0558575	.0209480	2.020585	1.933812	1.301628
#2	4.910893	4.572764	.0528753	.0210892	1.988199	1.955274	1.298689
#3	5.019723	4.650510	.0532332	.0209189	2.016569	1.954205	1.312506

Sample Name: K3864-02 Acquired: 07/26/2019 15:51:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.983117	.1235688	.0913804
Stddev	.006263	.0003558	.0001463
%RSD	.3158379	.2879338	.1600431

#1	1.981403	.1232006	.0912115
#2	1.977890	.1235952	.0914681
#3	1.990060	.1239107	.0914615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.726	2239.287	30056.92	5296.603	2490.822
Stddev	1.943	1.830	239.76	22.630	4.412
%RSD	.1271848	.0817424	.7976717	.4272595	.1771381

#1	1528.872	2237.462	30281.95	5318.702	2495.381
#2	1525.482	2239.276	29804.75	5273.477	2490.513
#3	1528.823	2241.122	30084.08	5297.631	2486.572

Sample Name: CCB033 Acquired: 07/26/2019 15:47:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003100	.0006883	.0005419	.0005691	.0003873	.0059060	.0002458
Stddev	.000871	.0020546	.0007834	.0009342	.0014986	.0107538	.0003800
%RSD	28.10782	298.5044	144.5601	164.1641	386.9193	182.0815	154.5936

#1	-.003122	.0023471	.0012224	-.000494	-.001025	.0170601	.0005411
#2	-.002217	-.001610	.0007178	.000940	.000227	.0050548	-.000183
#3	-.003959	.001328	-.000314	.001261	.001959	-.004397	.000379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0000022	.0162979	.0005308	.0000455	.0048298	.0414801
Stddev	.000069	.0000746	.0068633	.0008088	.0002907	.0012220	.0044551
%RSD	118.5852	3471.125	42.11140	152.3926	638.5144	25.30124	10.74023

#1	.000022	-.000079	.0240868	.0006226	.0003625	.0056095	.0363633
#2	-.000100	.000017	.0136704	-.000320	-.000017	.0034214	.0435791
#3	-.000097	.000068	.0111366	.001290	-.000209	.0054584	.0444979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003763	.0441419	.0000433	.0000089	-.086513	.0027787	-.000024
Stddev	.0002231	.0162204	.0005723	.0003384	.306402	.0013901	.001925
%RSD	59.28092	36.74605	1321.506	3812.632	354.1669	50.02569	8137.933

#1	.0005475	.0447191	.0004752	.0003650	-.310348	.0011894	-.001371
#2	.0004574	.0600660	.0002605	-.000030	-.211884	.0037677	.002181
#3	.0001240	.0276406	-.000606	-.000308	.262692	.0033790	-.000882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919892	-.000279	.0050576	.0001066	-.007926	-.002873	.0004541
Stddev	.0694661	.001382	.0007383	.0004553	.002595	.000123	.0007397
%RSD	75.51553	496.1225	14.59823	426.9638	32.73477	4.266999	162.8848

#1	.1645673	-.000666	.0059015	.0003166	-.007879	-.002739	.0010293
#2	.0852783	.001256	.0047404	-.000416	-.010544	-.002902	.0007133
#3	.0261221	-.001426	.0045309	.000419	-.005356	-.002979	-.000380

Sample Name: CCB033 Acquired: 07/26/2019 15:47:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002411	.0015099	.0001229
Stddev	.0007298	.0012052	.0000515
%RSD	302.6439	79.82227	41.93291

#1	.0006813	.0017455	.0001005
#2	.0006434	.0025800	.0001818
#3	-.000601	.0002043	.0000863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.369	2109.503	27927.88	4957.742	2390.898
Stddev	3.534	4.247	138.69	44.838	4.457
%RSD	.2462421	.2013270	.4965881	.9044011	.1863990

#1	1438.477	2104.687	27777.22	4914.433	2386.542
#2	1431.524	2112.713	28050.23	5003.967	2395.449
#3	1436.106	2111.109	27956.19	4954.825	2390.703

Sample Name: K3864-06 Acquired: 07/26/2019 16:06:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5477582	.0038753	.4372281	.0086473	-.008112	25.62936	.2350025
Stddev	.0013041	.0019511	.0029632	.0014458	.002125	.08471	.0022246
%RSD	.2380866	50.34684	.6777246	16.71992	26.19379	.3305007	.9466448

#1	.5474228	.0051166	.4338503	.0073742	-.008801	25.67060	.2355346
#2	.5491972	.0016264	.4393895	.0083487	-.005728	25.68554	.2369129
#3	.5466545	.0048829	.4384445	.0102192	-.009806	25.53193	.2325601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071584	-.001542	10.79445	.3586744	.0225978	1.908231	174.5884
Stddev	.0000853	.000069	.11608	.0022469	.0002499	.008684	1.0998
%RSD	1.191392	4.473892	1.075395	.6264428	1.105712	.4550558	.6299108

#1	.0072217	-.001540	10.81564	.3604521	.0224696	1.898219	174.6568
#2	.0071921	-.001612	10.89847	.3561490	.0228857	1.912771	175.6524
#3	.0070614	-.001474	10.66923	.3594220	.0224380	1.913704	173.4561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.602088	12.11235	.1236454	.0331633	.7657962	.0716142	.2263103
Stddev	.022663	.07564	.0006798	.0002282	.0612653	.0014278	.0009779
%RSD	.8709594	.6244774	.5498360	.6882470	8.000210	1.993714	.4321255

#1	2.601408	12.04064	.1244303	.0330814	.8152653	.0731996	.2251934
#2	2.625083	12.19139	.1232599	.0334212	.7848571	.0712135	.2267248
#3	2.579772	12.10503	.1232458	.0329874	.6972662	.0704296	.2270128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.435113	4.461781	.0379676	.0108750	1.485239	1.359048	1.776170
Stddev	.036489	.007180	.0011834	.0001601	.011730	.014335	.005036
%RSD	1.498453	.1609178	3.116756	1.471914	.7897620	1.054760	.2835173

#1	2.437291	4.462905	.0367296	.0107279	1.494468	1.370596	1.780549
#2	2.397584	4.468333	.0390875	.0110454	1.489210	1.363544	1.770667
#3	2.470464	4.454106	.0380856	.0108515	1.472039	1.343004	1.777294

Sample Name: K3864-06 Acquired: 07/26/2019 16:06:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9901891	.0559154	.0701500
Stddev	.0078744	.0010874	.0001777
%RSD	.7952474	1.944677	.2533038

#1	.9839614	.0566135	.0699644
#2	.9875655	.0564701	.0701670
#3	.9990405	.0546625	.0703186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.122	2205.055	29515.50	5230.378	2468.973
Stddev	6.444	6.479	47.64	43.118	6.486
%RSD	.4284270	.2938173	.1613961	.8243801	.2627129

#1	1510.817	2211.905	29543.51	5206.445	2476.458
#2	1497.962	2199.026	29460.50	5204.534	2465.005
#3	1503.587	2204.235	29542.50	5280.154	2465.455

Sample Name: K3864-05 Acquired: 07/26/2019 16:02:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316526	.0088288	.1235101	.0145741	-.002430	197.9893	1.127628
Stddev	.0007519	.0024534	.0009463	.0026815	.003191	.5768	.007894
%RSD	2.375445	27.78912	.7662162	18.39883	131.3027	.2913153	.7000459

#1	.0325207	.0059959	.1226188	.0175867	-.001873	198.6023	1.134310
#2	.0312103	.0102234	.1245033	.0136868	-.005863	197.4573	1.118918
#3	.0312266	.0102671	.1234081	.0124487	.000445	197.9084	1.129656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134673	-.002535	17.02313	.5444486	.1538934	.2613825	313.4015
Stddev	.0000715	.000067	.15061	.0016200	.0000453	.0040928	1.0574
%RSD	.5311635	2.639848	.8847311	.2975534	.0294234	1.565831	.3373820

#1	.0135028	-.002608	17.15066	.5445491	.1538602	.2575278	314.1865
#2	.0133849	-.002521	16.85697	.5427806	.1538750	.2609419	312.1992
#3	.0135141	-.002477	17.06176	.5460160	.1539450	.2656778	313.8189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.250522	83.32482	.3794500	-.000421	1.259518	.5307328	.7029491
Stddev	.012259	.29703	.0008605	.000296	.342511	.0023848	.0093271
%RSD	.3771536	.3564762	.2267614	70.32851	27.19383	.4493491	1.326856

#1	3.262077	83.53608	.3804383	-.000667	1.427792	.5289267	.6958546
#2	3.237662	82.98519	.3788677	-.000503	.865418	.5298356	.7135139
#3	3.251827	83.45320	.3790439	-.000092	1.485343	.5334361	.6994787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.92860	3.758806	.0469460	-.000298	2.506816	1.809674	.0130521
Stddev	.06556	.012383	.0039843	.000311	.017976	.017581	.0021669
%RSD	.0886775	.3294403	8.486895	104.2744	.7170850	.9714895	16.60167

#1	73.99023	3.773103	.0447232	.000042	2.527554	1.822728	.0152487
#2	73.85972	3.751448	.0515458	-.000368	2.497212	1.789683	.0109162
#3	73.93584	3.751867	.0445691	-.000569	2.495681	1.816610	.0129914

Sample Name: K3864-05 Acquired: 07/26/2019 16:02:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.35472	.5821939	.1449019
Stddev	.04155	.0059570	.0001553
%RSD	.3363382	1.023202	.1071779

#1	12.40085	.5869342	.1449037
#2	12.32022	.5755072	.1447457
#3	12.34308	.5841404	.1450563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.058	2489.903	32961.08	5888.823	2514.047
Stddev	11.695	8.153	309.99	26.536	2.227
%RSD	.7027718	.3274346	.9404641	.4506103	.0885802

#1	1673.442	2481.853	33299.59	5889.531	2512.792
#2	1650.956	2489.700	32691.08	5914.997	2512.730
#3	1667.775	2498.155	32892.58	5861.940	2516.618

Sample Name: K3864-08 Acquired: 07/26/2019 16:14:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2384704	.0030699	.1717280	.0149793	-.002022	268.2153	1.752541
Stddev	.0028386	.0042687	.0019553	.0016079	.002617	.3025	.009007
%RSD	1.190347	139.0501	1.138634	10.73388	129.4435	.1127828	.5139371

#1	.2357182	.0076789	.1720410	.0136241	-.002919	267.8902	1.748332
#2	.2383046	.0022787	.1696350	.0167559	-.004073	268.4884	1.762882
#3	.2413882	-.000748	.1735079	.0145579	.000926	268.2674	1.746409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161925	-.002083	25.99453	.4527841	.1091595	.1162798	234.5685
Stddev	.0000542	.000047	.15260	.0010509	.0004995	.0005085	.2738
%RSD	.3348397	2.264786	.5870548	.2320941	.4575648	.4373193	.1167418

#1	.0162550	-.002081	25.83524	.4525782	.1091667	.1160125	234.6710
#2	.0161578	-.002036	26.13942	.4539227	.1086564	.1168663	234.2582
#3	.0161647	-.002131	26.00892	.4518514	.1096553	.1159607	234.7764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.310626	58.65983	.3678890	.0000357	1.872374	.5054329	.4942601
Stddev	.004036	.07227	.0014208	.0001028	.096258	.0041409	.0049211
%RSD	.1746927	.1232094	.3861968	287.9239	5.140942	.8192854	.9956571

#1	2.315129	58.73269	.3689120	-.000079	1.768160	.5100428	.4887195
#2	2.309420	58.58816	.3662668	.000119	1.957950	.5042275	.4959377
#3	2.307331	58.65865	.3684883	.000068	1.891012	.5020284	.4981231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.92107	1.975829	.0285202	.0195659	6.876570	1.728186	.0143405
Stddev	.16927	.008684	.0006522	.0010885	.022054	.008724	.0029357
%RSD	.4136531	.4395131	2.286674	5.563157	.3207155	.5048192	20.47113

#1	40.73053	1.974674	.0292607	.0193824	6.879309	1.719598	.0111355
#2	41.05406	1.967780	.0280317	.0207345	6.853274	1.727919	.0149870
#3	40.97863	1.985033	.0282681	.0185809	6.897126	1.737040	.0168990

Sample Name: K3864-08 Acquired: 07/26/2019 16:14:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52H2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.322153	.7149813	.3137526
Stddev	.005409	.0051468	.0007573
%RSD	.0855632	.7198496	.2413546

#1	6.323685	.7123563	.3130445
#2	6.316143	.7209113	.3145509
#3	6.326631	.7116763	.3136624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.348	2482.146	33140.68	5914.366	2530.141
Stddev	8.438	1.856	348.68	28.824	2.765
%RSD	.5048561	.0747545	1.052122	.4873567	.1092634

#1	1677.465	2483.869	32994.21	5939.595	2530.303
#2	1661.722	2480.181	32889.13	5882.951	2527.299
#3	1674.858	2482.386	33538.70	5920.552	2532.821

Sample Name: K3864-07 Acquired: 07/26/2019 16:10:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8041168	.0093019	.3770865	.0182304	-.056806	80.69191	.5390707
Stddev	.0014113	.0051461	.0010002	.0015529	.000592	.06884	.0012729
%RSD	.1755065	55.32326	.2652332	8.518053	1.042076	.0853134	.2361305

#1	.8051545	.0064684	.3764182	.0171402	-.057354	80.61726	.5380297
#2	.8025098	.0152420	.3782364	.0175426	-.056178	80.70556	.5386925
#3	.8046861	.0061953	.3766051	.0200084	-.056887	80.75290	.5404899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080914	-.001235	13.05362	9.101628	.0732012	4.676042	242.9260
Stddev	.0001130	.000083	.06234	.054275	.0003156	.006834	.7446
%RSD	1.396817	6.708002	.4775804	.5963186	.4311925	.1461527	.3065233

#1	.0079609	-.001306	12.98488	9.148856	.0728977	4.673464	242.5120
#2	.0081579	-.001255	13.10650	9.113690	.0731781	4.670872	242.4803
#3	.0081555	-.001144	13.06949	9.042336	.0735277	4.683791	243.7856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.177023	19.05114	.2116823	.0017225	.9190771	.2179294	.5444918
Stddev	.020065	.19933	.0005639	.0002273	.2308186	.0045458	.0026191
%RSD	.3875787	1.046308	.2664097	13.19748	25.11417	2.085903	.4810202

#1	5.158884	18.93425	.2123318	.0015091	.7477543	.2127038	.5417734
#2	5.173609	18.93788	.2113987	.0019616	.8279233	.2201136	.5447032
#3	5.198576	19.28131	.2113165	.0016969	1.181554	.2209709	.5469989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.353299	6.768635	.0542404	.0235769	4.865632	1.394980	.5001873
Stddev	.087132	.014156	.0039024	.0001942	.006909	.004877	.0034767
%RSD	1.627627	.2091359	7.194586	.8235845	.1420016	.3496256	.6950855

#1	5.321200	6.769200	.0498357	.0235576	4.861938	1.399806	.5038804
#2	5.286770	6.782499	.0556195	.0233932	4.873603	1.390053	.4969776
#3	5.451926	6.754205	.0572659	.0237801	4.861355	1.395083	.4997039

Sample Name: K3864-07 Acquired: 07/26/2019 16:10:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.964193	.2992374	.1217758
Stddev	.001377	.0013730	.0000483
%RSD	.0701003	.4588330	.0396977

#1	1.964193	.2978192	.1217396
#2	1.962816	.2993327	.1217571
#3	1.965570	.3005602	.1218307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.000	2274.927	31199.33	5564.417	2515.525
Stddev	11.566	3.678	203.41	27.228	1.425
%RSD	.7584545	.1616763	.6519695	.4893184	.0566302

#1	1537.393	2272.245	31154.92	5585.610	2516.942
#2	1523.114	2279.120	31021.79	5573.933	2515.542
#3	1514.492	2273.417	31421.27	5533.709	2514.093

Sample Name: K3864-11 Acquired: 07/26/2019 16:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.273673	k -.190609	k .6257086	k -.179447	k .0739559	k 195.0223
Stddev	.026284	.005007	.0023708	.005622	.0009610	.5139
%RSD	.4189563	2.626969	.3788945	3.133020	1.299470	.2635077

#1	6.303728	k -.187811	k .6231851	k -.180229	k .0749427	k 195.5782
#2	6.254986	k -.187626	k .6260513	k -.184637	k .0739019	k 194.5646
#3	6.262307	k -.196390	k .6278893	k -.173474	k .0730229	k 194.9240

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9678895	.0502673	k .0386027	^ *****	k 5.808474	.1146219
Stddev	.0074344	.0005987	.0005573	-----	.004668	.0003920
%RSD	.7681009	1.190984	1.443797	-----	.0803619	.3420155

#1	.9749808	.0509241	k .0384350	^ -----	k 5.813863	.1149648
#2	.9601540	.0497521	k .0381484	^ -----	k 5.805678	.1147064
#3	.9685336	.0501258	k .0392246	^ -----	k 5.805883	.1141946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 6.467234	kF 1900.732	7.761004	18.77818	.4174960	k -.054800
Stddev	.015221	26.714	.045270	.04283	.0006773	.000239
%RSD	.2353568	1.405437	.5833018	.2280764	.1622389	.4363976

#1	k 6.463513	k 1929.823	7.813154	18.81834	.4173383	k -.055071
#2	k 6.483970	k 1895.069	7.738043	18.73311	.4182382	k -.054618
#3	k 6.454218	k 1877.304	7.731815	18.78308	.4169113	k -.054711

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 7.406435	k .2854896	k 1.585037	6.356094	kF 20.40574	^ *****
Stddev	.039822	.0040541	.029865	.116175	.06723	-----
%RSD	.5376613	1.420060	1.884192	1.827767	.3294527	-----

#1	k 7.424550	k .2900507	k 1.575402	6.362943	k 20.46753	^ -----
#2	k 7.433979	k .2822963	k 1.618531	6.236647	k 20.41553	^ -----
#3	k 7.360777	k .2841219	k 1.561179	6.468693	k 20.33415	^ -----

Sample Name: K3864-11 Acquired: 07/26/2019 16:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312962	57.41021	20.15830	2.175463	2.538610	.0818523
Stddev	.0010342	.15190	.33108	.003518	.002096	.0021550
%RSD	3.304442	.2645859	1.642387	.1617161	.0825503	2.632842

#1	.0301056	57.49913	20.47411	2.179232	2.539802	.0823488
#2	.0318114	57.23481	19.81382	2.174890	2.539838	.0794924
#3	.0319715	57.49667	20.18698	2.172266	2.536190	.0837158

Elem	Sr4077
Units	ppm
Avg	.6155070
Stddev	.0012790
%RSD	.2078001

#1	.6153796
#2	.6142965
#3	.6168450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.759	2269.528	30461.23	5383.145	2515.980
Stddev	5.745	5.803	145.09	55.795	3.611
%RSD	.3965511	.2556938	.4763136	1.036474	.1435369

#1	1453.776	2267.700	30628.25	5339.572	2511.810
#2	1442.491	2276.025	30366.33	5446.030	2518.081
#3	1450.008	2264.860	30389.11	5363.832	2518.048

Sample Name: K3864-12 Acquired: 07/26/2019 16:30:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.302860	.0103527	.2096395	.0149771	.0152981	41.66787	.4258345
Stddev	.003601	.0013119	.0017300	.0012605	.0005604	.09244	.0014841
%RSD	.2764254	12.67231	.8252170	8.415795	3.663520	.2218577	.3485050

#1	1.306597	.0117382	.2076424	.0137982	.0156698	41.62857	.4269510
#2	1.299411	.0091294	.2106751	.0148275	.0146534	41.60157	.4241505
#3	1.302573	.0101905	.2106011	.0163057	.0155709	41.77347	.4264022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060481	.0021386	12.06127	.3583432	.1227556	1.658656	345.4059
Stddev	.0001161	.0000345	.08961	.0008715	.0008012	.007423	.9536
%RSD	1.919401	1.611404	.7429829	.2432012	.6527071	.4475011	.2760862

#1	.0059648	.0021784	12.11357	.3592982	.1224703	1.667069	345.3214
#2	.0059987	.0021193	11.95779	.3575910	.1221361	1.653032	344.4973
#3	.0061807	.0021182	12.11244	.3581403	.1236604	1.655868	346.3989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.978964	19.89565	.3587548	.0011242	1.085514	.1762376	.8348026
Stddev	.037770	.07663	.0011851	.0003185	.381157	.0008797	.0069718
%RSD	.3784931	.3851537	.3303230	28.33281	35.11306	.4991389	.8351466

#1	9.967642	19.89538	.3587851	.0014918	1.511998	.1765096	.8303413
#2	9.948151	19.81916	.3575549	.0009503	.966421	.1769492	.8428366
#3	10.02110	19.97241	.3599244	.0009305	.778122	.1752541	.8312298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.972568	4.780890	.0641928	.0331237	4.398259	2.840419	.0997357
Stddev	.060612	.006511	.0051937	.0001749	.014387	.018869	.0012626
%RSD	.8692944	.1361982	8.090805	.5279047	.3270990	.6643140	1.265920

#1	7.014677	4.787551	.0647854	.0329934	4.405570	2.830394	.0983759
#2	6.999928	4.774538	.0587283	.0330552	4.381685	2.828678	.0999604
#3	6.903099	4.780582	.0690649	.0333224	4.407522	2.862185	.1008709

Sample Name: K3864-12 Acquired: 07/26/2019 16:30:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.774048	.0919477	.0945869
Stddev	.003262	.0008809	.0002844
%RSD	.1838749	.9580071	.3006845

#1	1.775596	.0917302	.0949140
#2	1.770300	.0911959	.0944487
#3	1.776247	.0929169	.0943980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.739	2271.545	30065.40	5287.282	2521.395
Stddev	7.770	5.368	241.35	16.592	5.556
%RSD	.5072472	.2363060	.8027488	.3138024	.2203708

#1	1538.671	2265.394	29985.93	5306.395	2522.156
#2	1523.341	2273.961	29873.80	5278.859	2526.532
#3	1533.205	2275.281	30336.46	5276.591	2515.498

Sample Name: K3864-13 Acquired: 07/26/2019 16:34:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3885674	.0056845	2.601364	.0132677	-.026312	54.80367	.3554266
Stddev	.0013250	.0024582	.002542	.0006854	.000886	.34720	.0030634
%RSD	.3410003	43.24454	.0977224	5.165532	3.367361	.6335349	.8618820

#1	.3897555	.0037549	2.603923	.0124784	-.027204	55.10324	.3581891
#2	.3888083	.0048463	2.598839	.0136123	-.025432	54.42314	.3521321
#3	.3871385	.0084522	2.601329	.0137124	-.026299	54.88463	.3559587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046555	-.000559	10.18058	1.541684	.0409814	2.714244	207.4288
Stddev	.0000524	.000069	.15255	.001723	.0002630	.019206	2.3294
%RSD	1.125346	12.27439	1.498441	.1117290	.6418299	.7075998	1.123012

#1	.0046531	-.000584	10.35541	1.541516	.0406845	2.726023	209.3847
#2	.0046044	-.000482	10.11180	1.540052	.0410747	2.692082	204.8517
#3	.0047091	-.000612	10.07453	1.543484	.0411851	2.724629	208.0499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748287	42.05538	.1977156	.0017341	.9936854	.1947394	.5342828
Stddev	.024226	.44414	.0007365	.0002651	.1346190	.0057942	.0080238
%RSD	1.385696	1.056077	.3725087	15.28497	13.54745	2.975387	1.501785

#1	1.770613	42.44167	.1985152	.0017874	.8924400	.2014043	.5426273
#2	1.722527	41.57010	.1975666	.0019686	.9421596	.1908994	.5266238
#3	1.751722	42.15437	.1970650	.0014465	1.146457	.1919144	.5335972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.939541	3.362869	.0464066	.0130992	13.65197	1.559760	3.900637
Stddev	.126864	.005800	.0057228	.0004163	.03985	.005985	.005727
%RSD	2.135927	.1724835	12.33197	3.178271	.2919071	.3836962	.1468190

#1	5.809451	3.360149	.0527878	.0128049	13.69325	1.552850	3.897242
#2	6.062912	3.369529	.0417289	.0129172	13.64895	1.563100	3.907249
#3	5.946260	3.358928	.0447032	.0135756	13.61372	1.563328	3.897420

Sample Name: K3864-13 Acquired: 07/26/2019 16:34:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52F5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.166787	.0991888	.0924907
Stddev	.033943	.0017483	.0002011
%RSD	.8146058	1.762577	.2174715

#1	4.201156	.1011472	.0927087
#2	4.133286	.0977853	.0924511
#3	4.165920	.0986339	.0923123

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.349	2216.753	29509.59	5196.420	2508.280
Stddev	5.916	4.797	151.97	14.119	4.005
%RSD	.3938145	.2163839	.5149819	.2716994	.1596835

#1	1496.375	2217.443	29336.30	5197.069	2504.637
#2	1502.464	2211.649	29620.16	5210.202	2507.635
#3	1508.206	2221.168	29572.32	5181.988	2512.569

Sample Name: K3864-14 Acquired: 07/26/2019 16:38:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2297311	-.000417	.1854734	.0120980	-.003923	50.12393	.3027144
Stddev	.0038230	.001615	.0008173	.0011746	.000775	.68378	.0040376
%RSD	1.664105	386.9011	.4406505	9.708881	19.75125	1.364175	1.333807

#1	.2257295	.001244	.1862094	.0129146	-.003071	50.58933	.3052454
#2	.2301177	-.001982	.1856169	.0126275	-.004116	50.44358	.3048397
#3	.2333461	-.000514	.1845938	.0107519	-.004584	49.33886	.2980580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060695	.0014552	24.30506	.5766029	.0490120	.2603561	113.8609
Stddev	.0000857	.0001106	.43169	.0011853	.0004173	.0043506	1.7988
%RSD	1.412858	7.599605	1.776136	.2055654	.8514465	1.671002	1.579785

#1	.0061685	.0015589	24.69014	.5765439	.0490765	.2619713	115.1220
#2	.0060172	.0013388	24.38663	.5778166	.0485662	.2636681	114.6595
#3	.0060229	.0014678	23.83840	.5754482	.0493933	.2554290	111.8011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.182651	15.28247	.1104084	.0011026	.9158804	.1622535	.3434792
Stddev	.050075	.24823	.0005558	.0001078	.1713932	.0025465	.0007107
%RSD	1.573363	1.624247	.5033693	9.780869	18.71349	1.569484	.2069168

#1	3.220075	15.38961	.1104454	.0011971	.7522442	.1646650	.3441978
#2	3.202110	15.45914	.1098351	.0009851	1.094099	.1625049	.3427766
#3	3.125768	14.99867	.1109447	.0011256	.901298	.1595906	.3434631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.496000	5.100101	.0335182	.0070904	6.676113	4.469263	.1381448
Stddev	.051904	.004146	.0024238	.0004032	.022591	.051174	.0017592
%RSD	2.079470	.0812888	7.231276	5.686952	.3383877	1.145021	1.273429

#1	2.524885	5.103573	.0356371	.0075532	6.653935	4.504689	.1385368
#2	2.527034	5.095511	.0340422	.0068153	6.699096	4.492507	.1396749
#3	2.436079	5.101219	.0308752	.0069026	6.675307	4.410592	.1362227

Sample Name: K3864-14 Acquired: 07/26/2019 16:38:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.719203	.1256144	.1765735
Stddev	.024547	.0031842	.0024861
%RSD	1.427818	2.534870	1.407979

#1	1.736706	.1279684	.1785710
#2	1.729760	.1268833	.1773604
#3	1.691144	.1219914	.1737892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.489	2305.977	30776.80	5483.268	2509.835
Stddev	6.201	7.199	161.96	61.960	3.861
%RSD	.3960780	.3121953	.5262396	1.129974	.1538276

#1	1558.329	2311.017	30907.00	5435.824	2513.694
#2	1569.033	2309.183	30595.44	5460.614	2509.837
#3	1569.104	2297.732	30827.97	5553.366	2505.972

Sample Name: K3864-18 Acquired: 07/26/2019 16:42:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043523	.1367867	.0072562	.0591139	.2737159	19.95155	1.115615
Stddev	.0016582	.0008100	.0008571	.0015963	.0022907	.07424	.008183
%RSD	38.09895	.5921901	11.81212	2.700406	.8368748	.3721076	.7334590

#1	.0048842	.1364900	.0065131	.0584472	.2717681	19.86866	1.106167
#2	.0056792	.1361667	.0081938	.0609355	.2731401	19.97403	1.120366
#3	.0024934	.1377032	.0070617	.0579590	.2762395	20.01195	1.120313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001413	.0910025	1.938546	.0891470	.0002077	.7349085	10.69893
Stddev	.0000342	.0003244	.033745	.0004571	.0000995	.0074041	.05728
%RSD	24.22599	.3564901	1.740723	.5127316	47.92324	1.007483	.5353935

#1	.0001552	.0911055	1.901630	.0895775	.0001417	.7265118	10.64106
#2	.0001665	.0912630	1.967803	.0886673	.0001591	.7377128	10.75560
#3	.0001023	.0906391	1.946205	.0891961	.0003222	.7405007	10.70012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2541756	21.85359	.0041138	.0005010	.1392419	.0082785	.5751604
Stddev	.0028177	.25818	.0005694	.0001475	.0896628	.0018133	.0033134
%RSD	1.108580	1.181418	13.84134	29.43319	64.39354	21.90373	.5760856

#1	.2509319	21.55666	.0047496	.0004508	.2272692	.0062212	.5738220
#2	.2560174	21.97896	.0039408	.0006670	.0480285	.0096444	.5789337
#3	.2555774	22.02514	.0036510	.0003852	.1424280	.0089698	.5727256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.75306	.0306606	.0065214	-.000079	.2606201	.5711579	.0006839
Stddev	.09612	.0010099	.0010045	.000327	.0016302	.0016262	.0011344
%RSD	.2688470	3.293674	15.40269	415.9281	.6255051	.2847212	165.8799

#1	35.64826	.0316418	.0062395	-.000411	.2621011	.5713701	.0012085
#2	35.83712	.0296243	.0056879	.000244	.2608859	.5726675	-.000618
#3	35.77378	.0307156	.0076366	-.000069	.2588734	.5694360	.001461

Sample Name: K3864-18 Acquired: 07/26/2019 16:42:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52T2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0141826	-.005408	.0151118
Stddev	.0007903	.002564	.0000075
%RSD	5.572320	47.41669	.0496210

#1	.0134167	-.007106	.0151054
#2	.0149952	-.002458	.0151200
#3	.0141358	-.006659	.0151100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.914	2171.985	28617.95	5043.204	2493.557
Stddev	9.463	1.832	90.87	35.116	3.271
%RSD	.6455147	.0843576	.3175216	.6963032	.1311980

#1	1475.046	2170.007	28710.64	5082.423	2493.025
#2	1466.544	2172.325	28614.20	5032.512	2490.584
#3	1456.153	2173.624	28529.02	5014.676	2497.062

Sample Name: K3925-03 Acquired: 07/26/2019 16:54:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J2S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391832	.0524753	.0238864	.0531597	.0978729	1.920950	2.166315
Stddev	.0025051	.0010744	.0014171	.0010980	.0008341	.004282	.014358
%RSD	6.393204	2.047373	5.932555	2.065452	.8522547	.2229084	.6627822

#1	.0420250	.0530936	.0247202	.0521637	.0988078	1.917246	2.169283
#2	.0382298	.0530975	.0222502	.0543371	.0976063	1.925639	2.178957
#3	.0372949	.0512347	.0246888	.0529783	.0972047	1.919966	2.150705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565173	.0570519	3.667853	.2247995	.5526862	.2251817	1.183420
Stddev	.0004498	.0002780	.028563	.0093026	.0026876	.0008159	.014877
%RSD	.7958355	.4872117	.7787352	4.138156	.4862790	.3623372	1.257083

#1	.0563538	.0567667	3.657953	.2190459	.5499911	.2246148	1.171689
#2	.0570260	.0573220	3.700049	.2355319	.5527013	.2248135	1.200153
#3	.0561721	.0570669	3.645558	.2198208	.5553662	.2261169	1.178419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5537658	.8327946	.5596685	.0549579	121.7149	.5555317	.5285988
Stddev	.0025037	.0194592	.0012336	.0022180	.9314	.0082406	.0229010
%RSD	.4521184	2.336611	.2204230	4.035827	.7652125	1.483366	4.332401

#1	.5554860	.8483116	.5595664	.0536405	122.2174	.5570779	.5199012
#2	.5549180	.8109621	.5584891	.0575187	122.2871	.5628896	.5545745
#3	.5508935	.8391101	.5609500	.0537146	120.6402	.5466275	.5113208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4865781	.0101650	.0121985	-.001078	4.920467	6.687139	.1150561
Stddev	.0773019	.0031468	.0005242	.000363	.032553	.065168	.0021633
%RSD	15.88684	30.95764	4.296854	33.71517	.6615865	.9745327	1.880196

#1	.4970893	.0100486	.0127897	-.001018	4.918251	6.678401	.1128636
#2	.5580865	.0133684	.0120152	-.001467	4.889079	6.756235	.1151157
#3	.4045584	.0070780	.0117906	-.000748	4.954072	6.626780	.1171890

Sample Name: K3925-03 Acquired: 07/26/2019 16:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004698	-.005803	.0254537
Stddev	.0009316	.000341	.0001170
%RSD	198.3018	5.872351	.4594641

#1	.0003293	-.005413	.0255351
#2	-.000384	-.006045	.0253197
#3	.001464	-.005949	.0255063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.007	2225.814	28757.21	5103.650	2572.648
Stddev	59.390	10.957	1183.83	31.649	6.180
%RSD	4.010117	.4922863	4.116655	.6201162	.2402313

#1	1512.153	2237.042	29344.55	5096.111	2578.678
#2	1412.522	2225.251	27394.55	5076.452	2572.938
#3	1518.346	2215.149	29532.52	5138.388	2566.327

Sample Name: CCB034 Acquired: 07/26/2019 17:02:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006497	-.000838	.0010917	-.001680	-.001655	.0166704	.0006167
Stddev	.0001980	.001628	.0011528	.000217	.000775	.0102624	.0006105
%RSD	30.47730	194.2410	105.5990	12.90739	46.84167	61.56074	98.99397

#1	.0005476	.000322	.0018704	-.001467	-.002548	.0076369	.0013028
#2	.0008780	-.002700	-.000233	-.001673	-.001160	.0145453	.0001334
#3	.0005237	-.000137	.001637	-.001901	-.001257	.0278290	.0004139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0000137	.0124128	.0004002	-.000452	.0060235	.0548282
Stddev	.000046	.0000555	.0092821	.0006259	.000431	.0007427	.0039554
%RSD	79.13037	406.5252	74.77880	156.3907	95.27199	12.33010	7.214225

#1	-.000096	.0000515	.0230933	.0007797	-.000631	.0053425	.0503862
#2	-.000070	.0000395	.0078492	.0007431	.000039	.0059127	.0561290
#3	-.000007	-.000050	.0062959	-.000322	-.000764	.0068154	.0579695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006222	.0259615	.0004848	.0002586	-.305822	-.001126	.0015562
Stddev	.0001809	.0138394	.0005383	.0002326	.245538	.002669	.0015871
%RSD	29.07763	53.30719	111.0409	89.95757	80.28769	237.0561	101.9845

#1	.0006931	.0270739	.0004697	.0004281	-.534432	.001910	-.000010
#2	.0007570	.0115996	-.000046	-.000007	-.336748	-.002183	.003164
#3	.0004166	.0392111	.001031	.000354	-.046287	-.003103	.001515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1495589	-.000324	.0038393	.0000954	-.006921	-.002252	-.000776
Stddev	.0860949	.002448	.0010940	.0002479	.001554	.000336	.000645
%RSD	57.56589	755.8826	28.49554	259.8172	22.45884	14.91900	83.18743

#1	.2118149	.001159	.0046093	.0003433	-.008689	-.001900	-.001501
#2	.1855537	.001019	.0025870	.0000956	-.006306	-.002569	-.000263
#3	.0513080	-.003150	.0043216	-.000153	-.005769	-.002288	-.000564

Sample Name: CCB034 Acquired: 07/26/2019 17:02:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB034 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010916	.0031130	.0001391
Stddev	.0010426	.0007566	.0000268
%RSD	95.51519	24.30605	19.28664

#1	.0022167	.0039501	.0001573
#2	.0009003	.0024777	.0001083
#3	.0001579	.0029113	.0001516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.513	2098.885	27987.57	4844.809	2382.522
Stddev	45.181	7.408	874.66	27.152	4.568
%RSD	3.127769	.3529554	3.125187	.5604378	.1917242

#1	1420.397	2094.185	27420.10	4842.199	2381.097
#2	1416.506	2095.045	27547.75	4819.056	2378.836
#3	1496.635	2107.424	28994.85	4873.172	2387.632

Sample Name: CCV034 Acquired: 07/26/2019 16:58:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941552	5.139164	25.23930	5.057461	5.079387	409.3598	10.32537
Stddev	.010337	.016471	.05107	.020342	.011178	2.8870	.05435
%RSD	.2091955	.3204918	.2023462	.4022219	.2200675	.7052537	.5263595

#1	4.951313	5.156309	25.21435	5.080420	5.086321	411.5117	10.26664
#2	4.930721	5.123463	25.20549	5.041686	5.085349	406.0788	10.37389
#3	4.942622	5.137721	25.29805	5.050275	5.066492	410.4887	10.33557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079135	2.454034	413.7644	15.36849	2.552544	15.17261	419.3887
Stddev	.0024973	.003040	2.8729	.15931	.004712	.03644	3.0096
%RSD	.4916723	.1238725	.6943336	1.036602	.1846102	.2401960	.7176205

#1	.5106401	2.455892	410.5329	15.55143	2.549700	15.17153	416.6723
#2	.5057374	2.450526	416.0293	15.29369	2.549949	15.20958	422.6240
#3	.5073630	2.455684	414.7311	15.26033	2.557984	15.13671	418.8697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28378	407.4487	2.549689	1.337251	412.3171	2.556870	15.02083
Stddev	.11324	2.5326	.002872	.010607	1.6729	.015895	.04036
%RSD	.7408965	.6215814	.1126222	.7931849	.4057255	.6216605	.2687252

#1	15.16646	404.6379	2.549329	1.349455	410.4242	2.539409	15.03632
#2	15.39244	409.5531	2.547014	1.332041	413.5972	2.570499	14.97502
#3	15.29245	408.1551	2.552723	1.330256	412.9298	2.560702	15.05116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.1312	5.266692	5.099733	4.984263	5.189298	5.046866	5.053597
Stddev	.3967	.018619	.013626	.002514	.021566	.026810	.019888
%RSD	.2556913	.3535225	.2671834	.0504481	.4155813	.5312147	.3935493

#1	155.2851	5.277456	5.113711	4.986266	5.214188	5.077725	5.051187
#2	155.4279	5.245193	5.099000	4.985081	5.176195	5.033570	5.035024
#3	154.6807	5.277427	5.086489	4.981441	5.177510	5.029304	5.074581

Sample Name: CCV034 Acquired: 07/26/2019 16:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v936) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV034 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.108585	5.226288	5.096672
Stddev	.008612	.053512	.026081
%RSD	.1685868	1.023901	.5117181

#1	5.100992	5.165486	5.111461
#2	5.106819	5.247157	5.066558
#3	5.117943	5.266220	5.111996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.524	1916.295	26412.53	4709.203	2395.637
Stddev	5.736	3.478	39.48	24.520	7.474
%RSD	.4692006	.1815046	.1494686	.5206794	.3120009

#1	1221.687	1914.096	26366.95	4736.421	2396.017
#2	1228.633	1920.305	26436.23	4702.347	2402.913
#3	1217.253	1914.485	26434.40	4688.841	2387.979