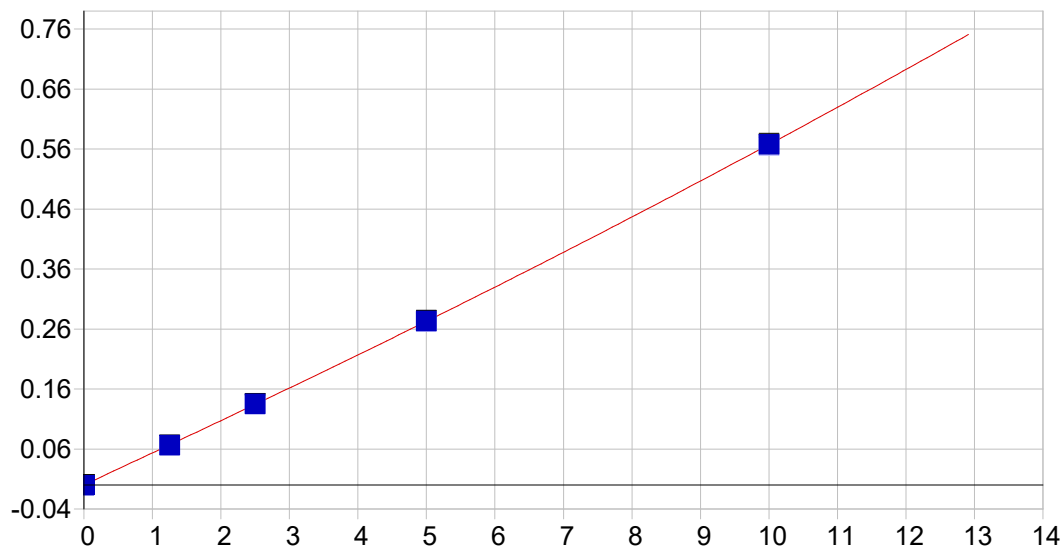




As 189.042 {479}

Date of Fit: 09/12/2019 11:22:45

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000339

Re-Slope: 1.000000

A1 (Gain): 0.053282

Y-int: 0.000000

A2 (Curvature): 0.000648

n (Exponent): 0.980000

Correlation: 0.999996

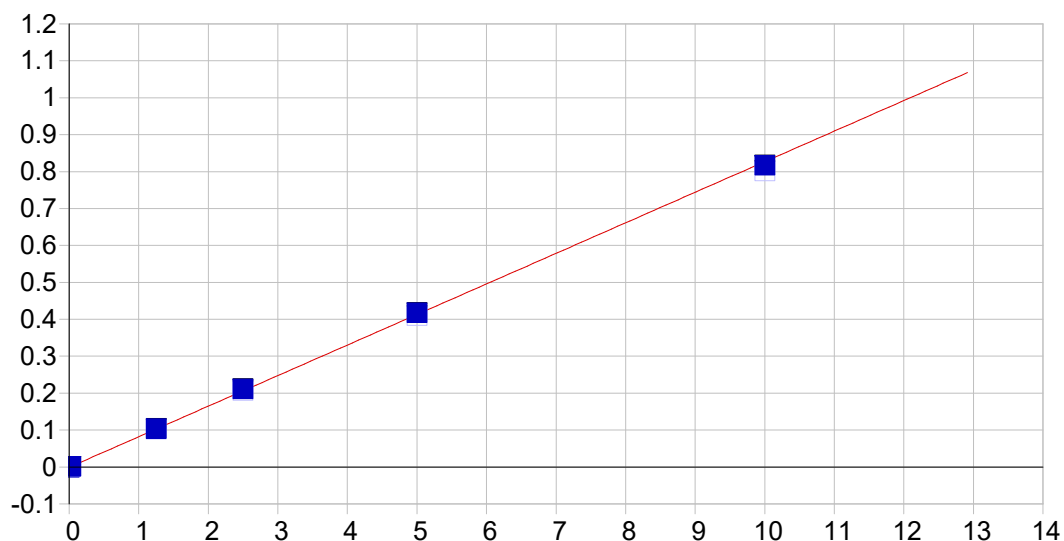
Status: Warning Positive Curvature

Std Error of Est: 0.000004

Predicted MDL: 0.003475

Predicted MQL: 0.011582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.01039	.000	3.87	.00027	.000	1
S2	1.2500	1.2396	-.010	-.833	.06618	.000	1
S3	2.5000	2.5107	.011	.426	.13446	.001	1
S4	5.0000	5.0014	.001	.027	.27195	.002	1
S5	10.000	9.9981	-.002	-.019	.56560	.002	1

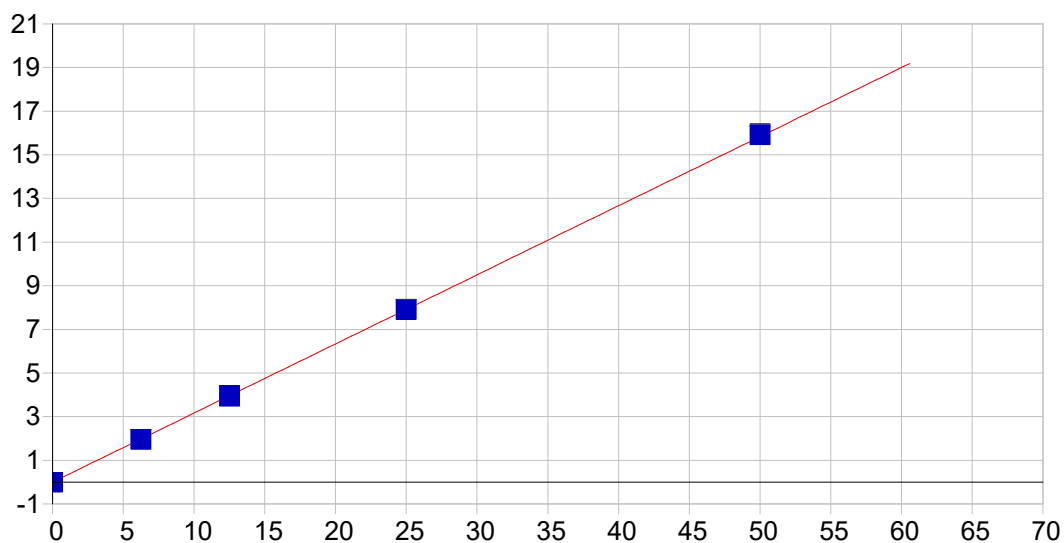


TI 190.856 {477}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000812 Re-Slope: 1.000000
 A1 (Gain): 0.082768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002535
 Predicted MQL: 0.008451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.02500	.02300	-.002	-7.98	.00101	.000	1
S2	1.2500	1.2624	.012	.988	.10176	.001	1
S3	2.5000	2.5581	.058	2.32	.20710	.001	1
S4	5.0000	5.0524	.052	1.05	.40974	.001	1
S5	10.000	9.8791	-.121	-1.21	.80160	.001	1

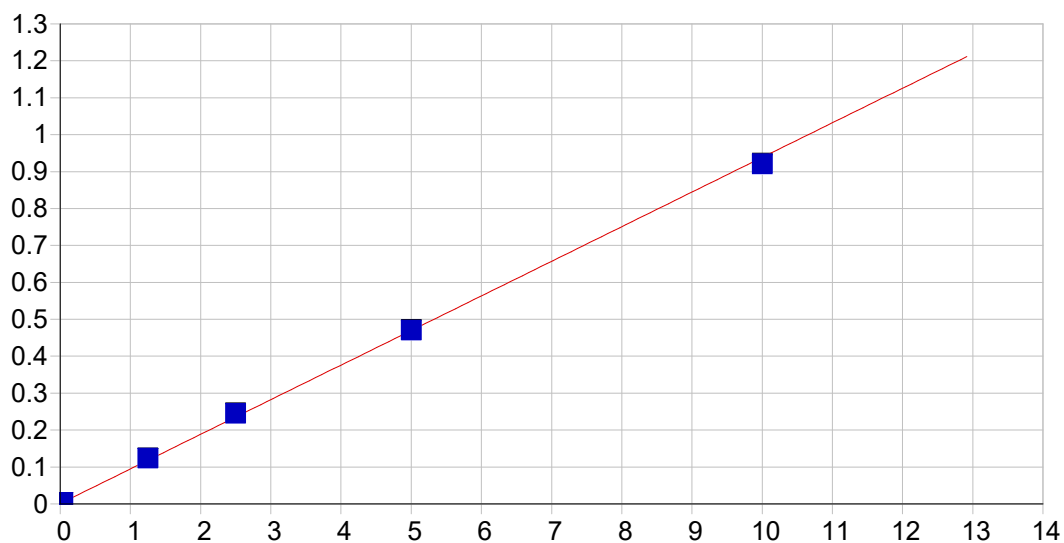


Pb 220.353 {453}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001001 Re-Slope: 1.000000
 A1 (Gain): 0.316654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001739
 Predicted MQL: 0.005795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.01000	.00784	-.002	-21.6	.00148	.000	1
S2	6.2500	6.1473	-.103	-1.64	1.9460	.004	1
S3	12.500	12.403	-.097	-.776	3.9272	.027	1
S4	25.000	24.972	-.028	-.110	7.9082	.009	1
S5	50.000	50.230	.230	.459	15.908	.048	1

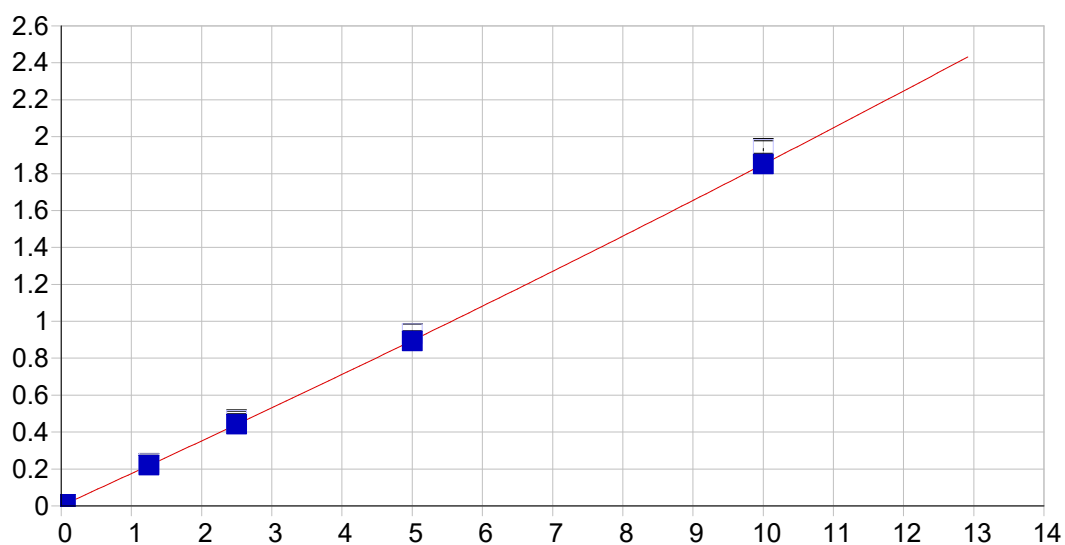


Se 196.090 {472}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000881 Re-Slope: 1.000000
 A1 (Gain): 0.093748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.002648
 Predicted MQL: 0.008827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00088	.000	1
S1	.03500	.03534	.000	.976	.00419	.000	1
S2	1.2500	1.3091	.059	4.73	.12330	.000	1
S3	2.5000	2.6065	.107	4.26	.24462	.001	1
S4	5.0000	5.0137	.014	.274	.46967	.001	1
S5	10.000	9.8203	-.180	-1.80	.91905	.002	1

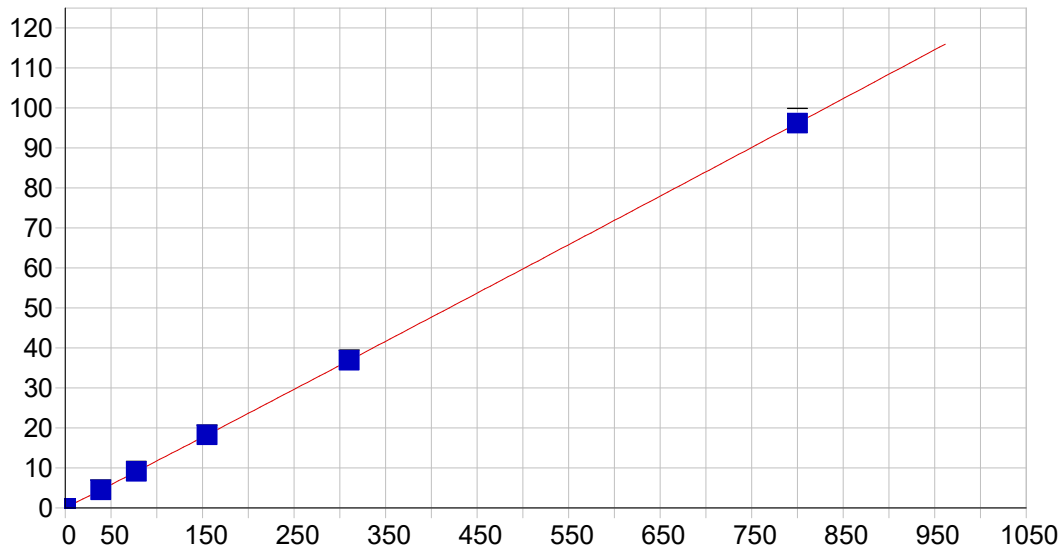


Sb 206.833 {463}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000676	Re-Slope:	1.000000
A1 (Gain):	0.173249	Y-int:	0.000000
A2 (Curvature):	0.001165		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	Warning Positive Curvature
Std Error of Est:	0.000020		
Predicted MDL:	0.001856		
Predicted MQL:	0.006186		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.06000	.06031	.000	.511	.01114	.000	1
S2	1.2500	1.2517	.002	.133	.22932	.001	1
S3	2.5000	2.5092	.009	.367	.46267	.003	1
S4	5.0000	4.9833	-.017	-.333	.93286	.001	1
S5	10.000	10.006	.006	.056	1.9306	.006	1

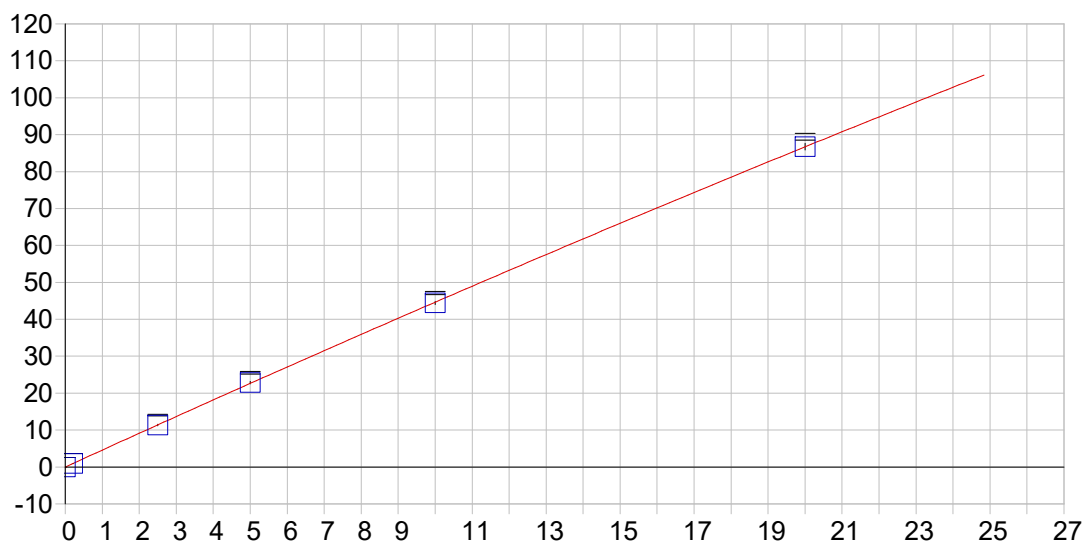


AI 396.152 { 85}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.008545	Re-Slope:	1.000000
A1 (Gain):	0.111989	Y-int:	0.000000
A2 (Curvature):	0.000001		
n (Exponent):	1.010000		
Correlation:	0.999998	Status:	Warning Positive Curvature
Std Error of Est:	0.000193		
Predicted MDL:	0.010141		
Predicted MQL:	0.033803		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00854	.001	1
S1	.20000	.20527	.005	2.63	.03156	.000	1
S2	38.750	38.489	-.261	-.673	4.4888	.035	1
S3	77.500	77.673	.173	.223	9.1154	.054	1
S4	155.00	154.52	-.482	-.311	18.258	.062	1
S5	310.00	310.75	.754	.243	37.000	.048	1
S6	800.00	799.80	-.198	-.025	96.271	1.21	1

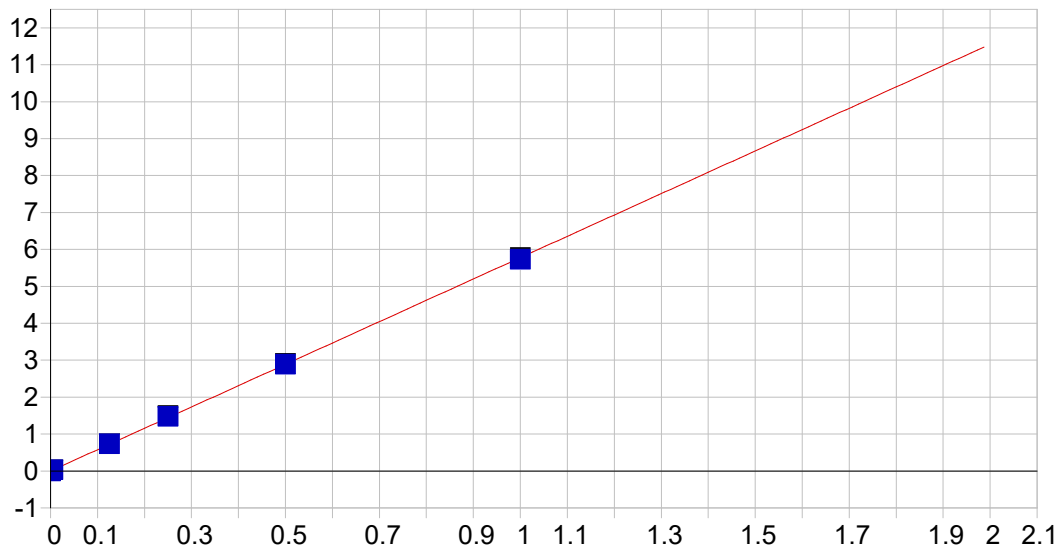


Ba 493.409 { 68}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001023 Re-Slope: 1.000000
 A1 (Gain): 4.590788 Y-int: 0.000000
 A2 (Curvature): -0.012763
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.002552
 Predicted MDL: 0.000564
 Predicted MQL: 0.001879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.002	1
S1	.20000	.19625	-.004	-1.88	.90147	.019	1
S2	2.5000	2.4862	-.014	-.553	11.336	.209	1
S3	5.0000	5.0493	.049	.986	22.856	.316	1
S4	10.000	9.9570	-.043	-.430	44.446	.432	1
S5	20.000	20.011	.011	.057	86.758	.896	1

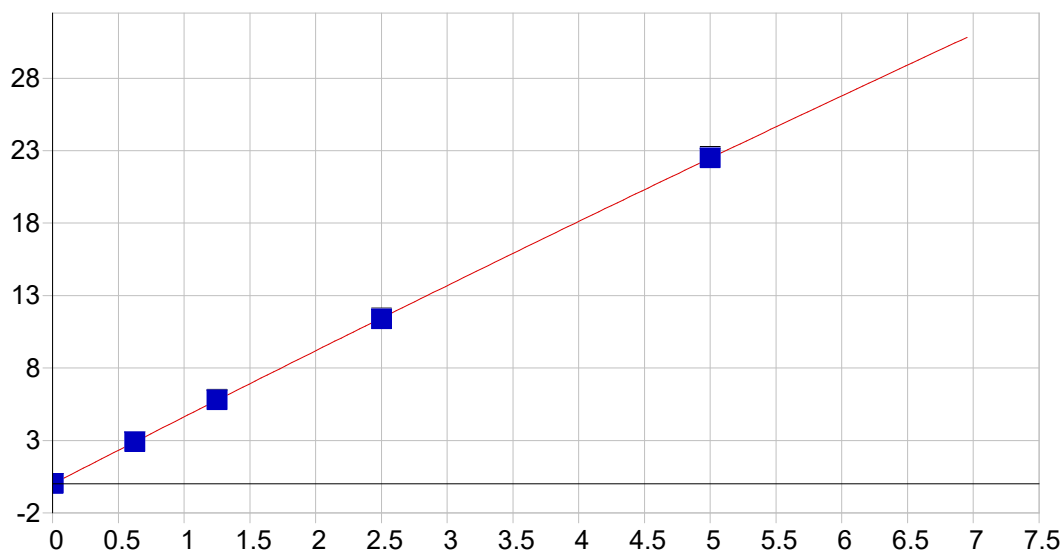


Be 234.861 {144}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001348	Re-Slope:	1.000000
A1 (Gain):	5.778183	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000239		
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	-.00135	.000	1
S1	.00500	.00487	-.000	-2.51	.02680	.000	1
S2	.12500	.12678	.002	1.43	.72884	.011	1
S3	.25000	.25597	.006	2.39	1.4729	.017	1
S4	.50000	.49998	-.000	-.003	2.8781	.017	1
S5	1.0000	.99239	-.008	-.761	5.7137	.045	1

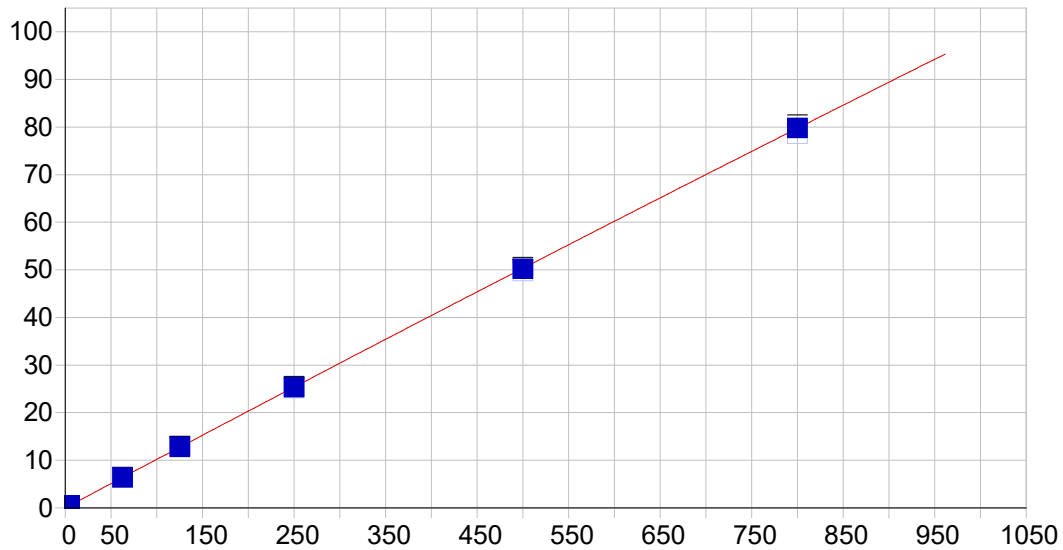


Cd 214.438 {457}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000507	Re-Slope:	1.000000
A1 (Gain):	4.659597	Y-int:	0.000000
A2 (Curvature):	-0.032477		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.000078		
Predicted MQL:	0.000261		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.00500	.00492	-.000	-1.51	.02245	.000	1
S2	.62500	.62747	.002	.395	2.9149	.005	1
S3	1.2500	1.2545	.004	.358	5.8027	.034	1
S4	2.5000	2.4889	-.011	-.445	11.413	.029	1
S5	5.0000	5.0043	.004	.085	22.540	.055	1

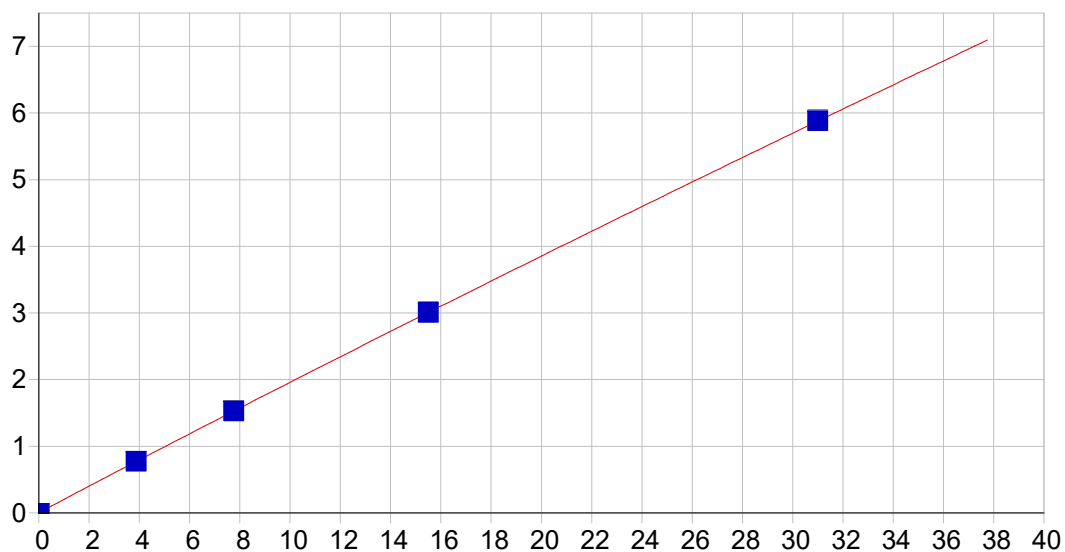


Ca 373.690 { 90}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000414 Re-Slope: 1.000000
 A1 (Gain): 0.102341 Y-int: 0.000000
 A2 (Curvature): -0.000003
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.001104
 Predicted MDL: 0.010828
 Predicted MQL: 0.036093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	5.0000	4.9960	-.004	-.079	.51148	.007	1
S2	62.500	62.245	-.255	-.408	6.3006	.090	1
S3	125.00	126.06	1.06	.845	12.734	.142	1
S4	250.00	249.68	-.322	-.129	25.118	.164	1
S5	500.00	498.83	-1.17	-.233	49.771	.336	1
S6	800.00	800.70	.697	.087	78.603	.630	1

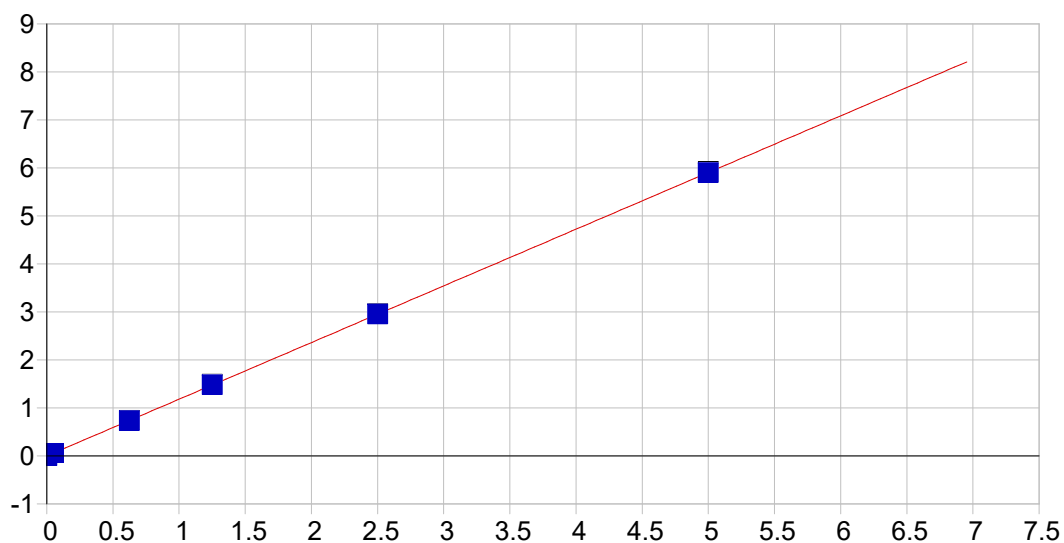


Cr 267.716 {126}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000176	Re-Slope:	1.000000
A1 (Gain):	0.202641	Y-int:	0.000000
A2 (Curvature):	-0.000213		
n (Exponent):	0.990000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.000512		
Predicted MQL:	0.001705		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.01000	.00953	-.000	-4.70	.00220	.000	1
S2	3.8750	3.8764	.001	.036	.77299	.001	1
S3	7.7500	7.7592	.009	.119	1.5303	.006	1
S4	15.500	15.484	-.016	-.101	3.0088	.006	1
S5	31.000	31.006	.006	.018	5.8879	.007	1

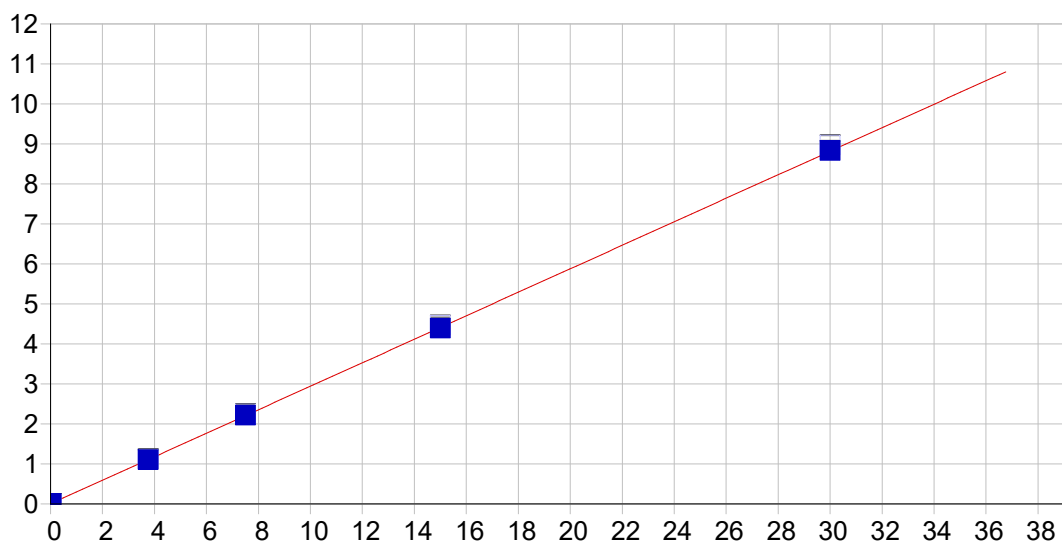


Co 228.616 {448}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000091	Re-Slope:	1.000000
A1 (Gain):	1.180714	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.000288		
Predicted MQL:	0.000960		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.05000	.04826	-.002	-3.48	.05728	.000	1
S2	.62500	.62153	-.003	-.555	.73512	.002	1
S3	1.2500	1.2544	.004	.352	1.4835	.008	1
S4	2.5000	2.5035	.003	.139	2.9607	.006	1
S5	5.0000	4.9973	-.003	-.053	5.9099	.014	1

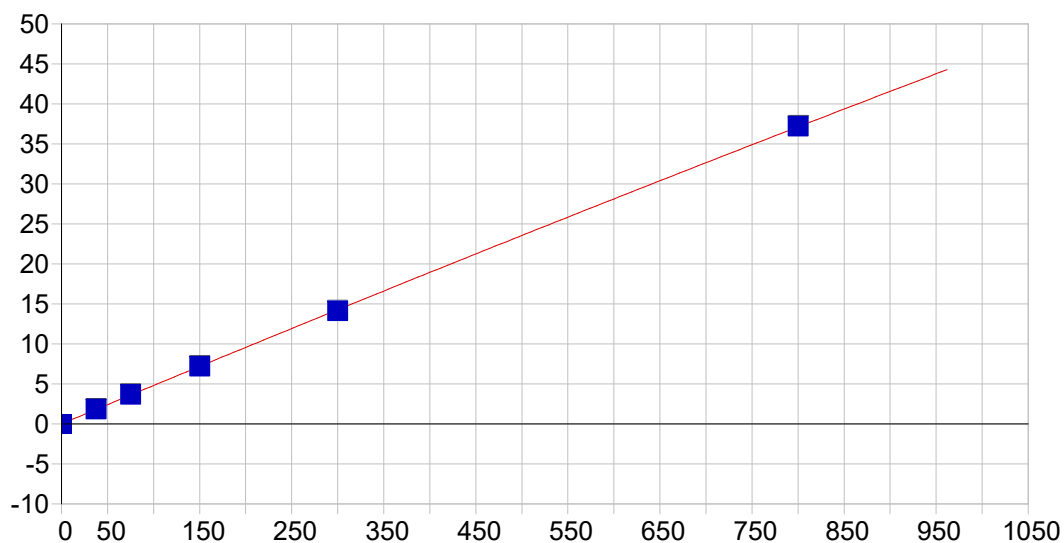


Cu 324.754 {104}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003954 Re-Slope: 1.000000
A1 (Gain): 0.293751 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999986 Status: OK.
Std Error of Est: 0.000072
Predicted MDL: 0.002477
Predicted MQL: 0.008256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00396	.001	1
S1	.02500	.01929	-.006	-22.8	.01109	.000	1
S2	3.7500	3.7486	-.001	-.039	1.1228	.003	1
S3	7.5000	7.5196	.020	.261	2.2482	.004	1
S4	15.000	14.945	-.055	-.367	4.4647	.007	1
S5	30.000	30.044	.044	.145	8.9706	.009	1

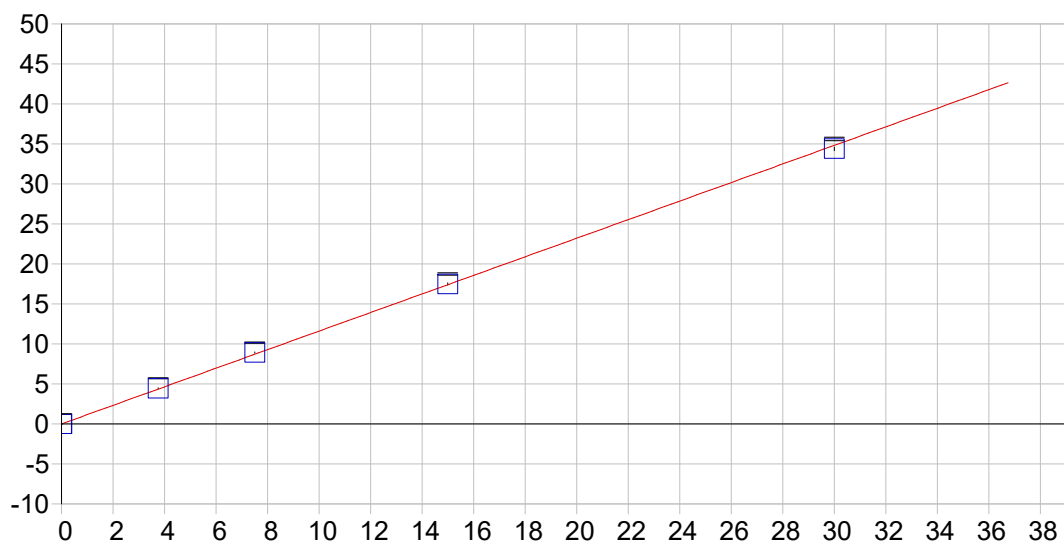


Fe 259.837 {130}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.048270 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.007788
 Predicted MQL: 0.025960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.10000	.09905	-.001	-.949	.00492	.000	1
S2	37.500	38.204	.704	1.88	1.8444	.017	1
S3	75.000	76.547	1.55	2.06	3.6888	.028	1
S4	150.00	149.99	-.006	-.004	7.2030	.044	1
S5	300.00	296.62	-3.38	-1.13	14.143	.069	1
S6	800.00	801.14	1.14	.143	37.230	.089	1

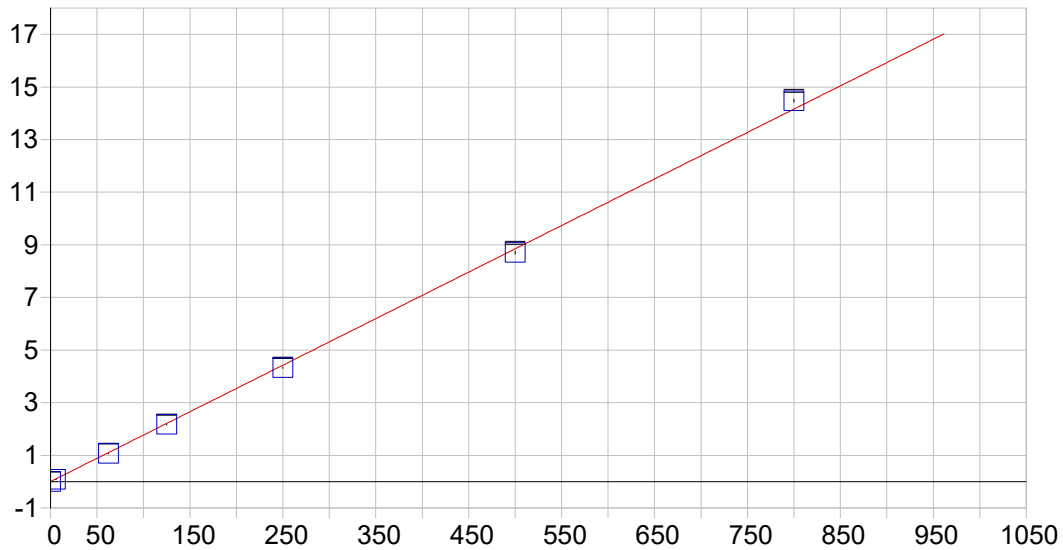


Mn 257.610 {131}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000517	Re-Slope:	1.000000
A1 (Gain):	1.160339	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000596		
Predicted MDL:	0.000346		
Predicted MQL:	0.001155		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.001	1
S1	.01500	.01641	.001	9.40	.01956	.001	1
S2	3.7500	3.8364	.086	2.30	4.4520	.050	1
S3	7.5000	7.6909	.191	2.55	8.9246	.085	1
S4	15.000	15.081	.081	.540	17.500	.125	1
S5	30.000	29.640	-.360	-1.20	34.393	.227	1

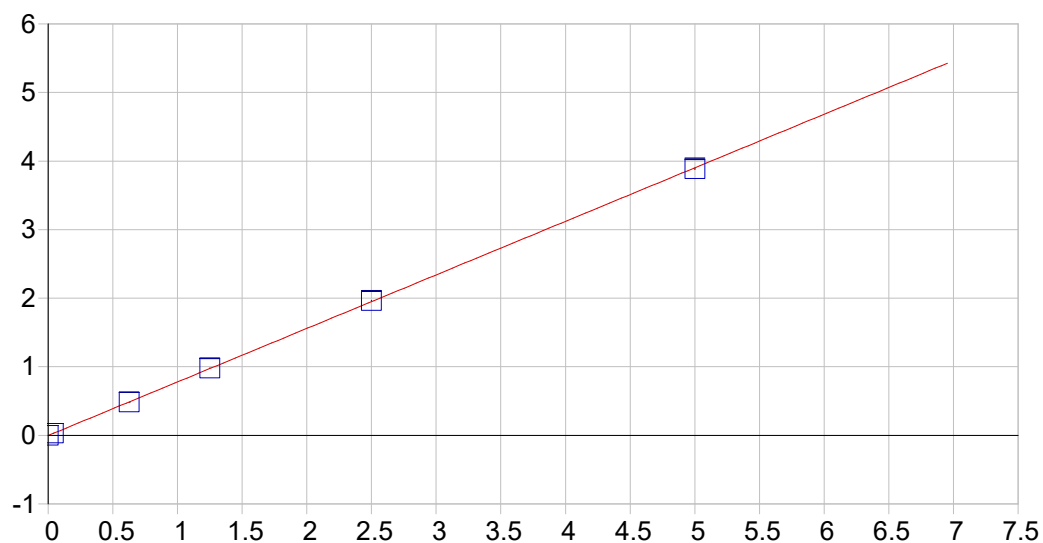


Mg 279.079 {121}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000441 Re-Slope: 1.000000
 A1 (Gain): 0.017700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.001293
 Predicted MDL: 0.023863
 Predicted MQL: 0.079544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00043	.000	1
S1	5.0000	4.8745	-.125	-2.51	.08584	.001	1
S2	62.500	60.445	-2.05	-3.29	1.0694	.011	1
S3	125.00	122.73	-2.27	-1.82	2.1718	.016	1
S4	250.00	244.73	-5.27	-2.11	4.3311	.026	1
S5	500.00	491.75	-8.25	-1.65	8.7033	.052	1
S6	800.00	817.97	18.0	2.25	14.477	.052	1

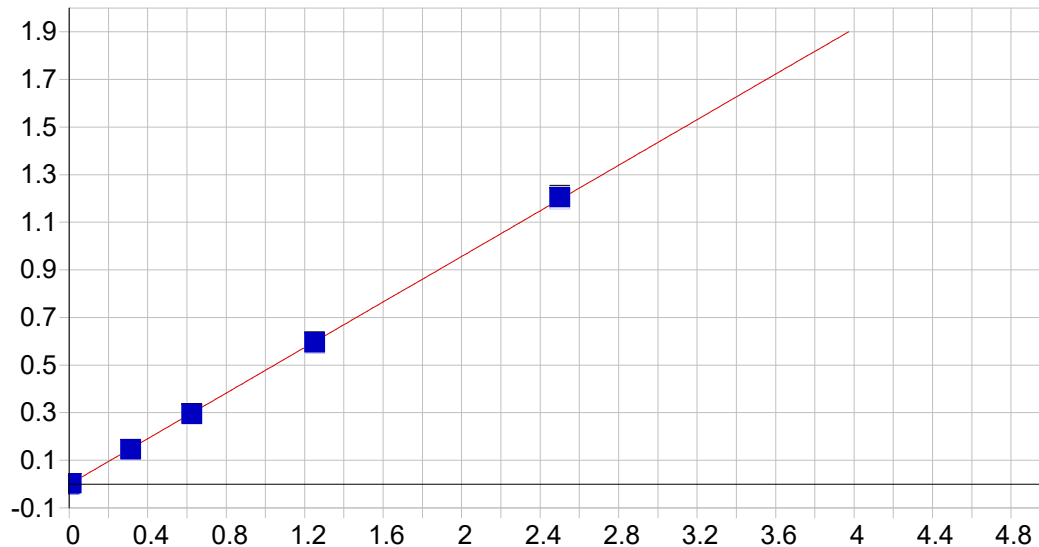


Ni 231.604 {446}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002181	Re-Slope:	1.000000
A1 (Gain):	0.780741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.000501		
Predicted MQL:	0.001671		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00218	.000	1
S1	.04000	.04018	.000	.454	.02919	.000	1
S2	.62500	.62297	-.002	-.324	.48420	.002	1
S3	1.2500	1.2554	.005	.433	.97797	.006	1
S4	2.5000	2.5150	.015	.599	1.9614	.006	1
S5	5.0000	4.9815	-.019	-.371	3.8870	.011	1

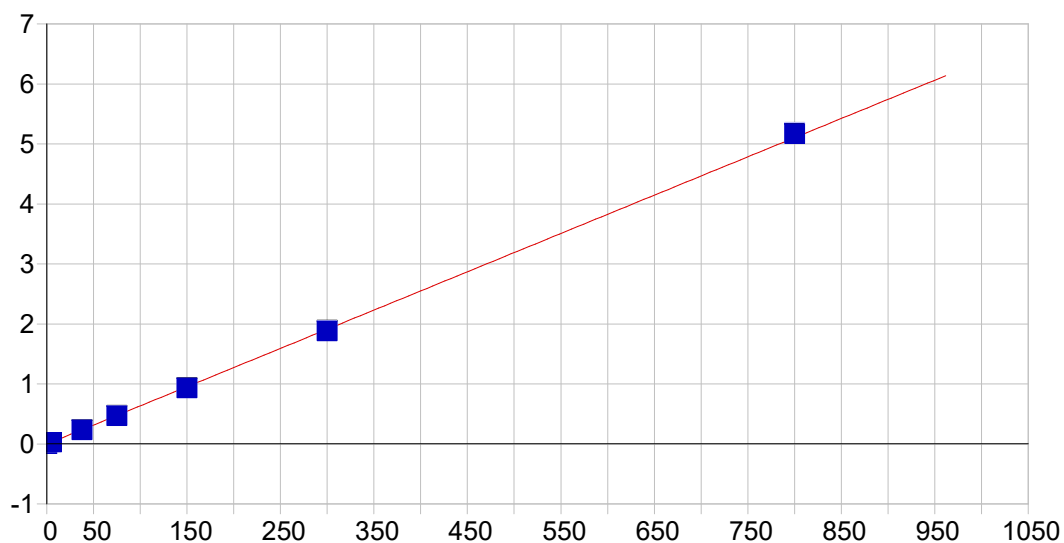


Ag 328.068 {103}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000624	Re-Slope:	1.000000
A1 (Gain):	0.478629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.000430		
Predicted MQL:	0.001433		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.01000	.00961	-.000	-3.91	.00394	.000	1
S2	.31250	.30586	-.007	-2.12	.14449	.001	1
S3	.62500	.61790	-.007	-1.14	.29256	.002	1
S4	1.2500	1.2436	-.006	-.508	.58950	.003	1
S5	2.5000	2.5205	.020	.819	1.1955	.008	1

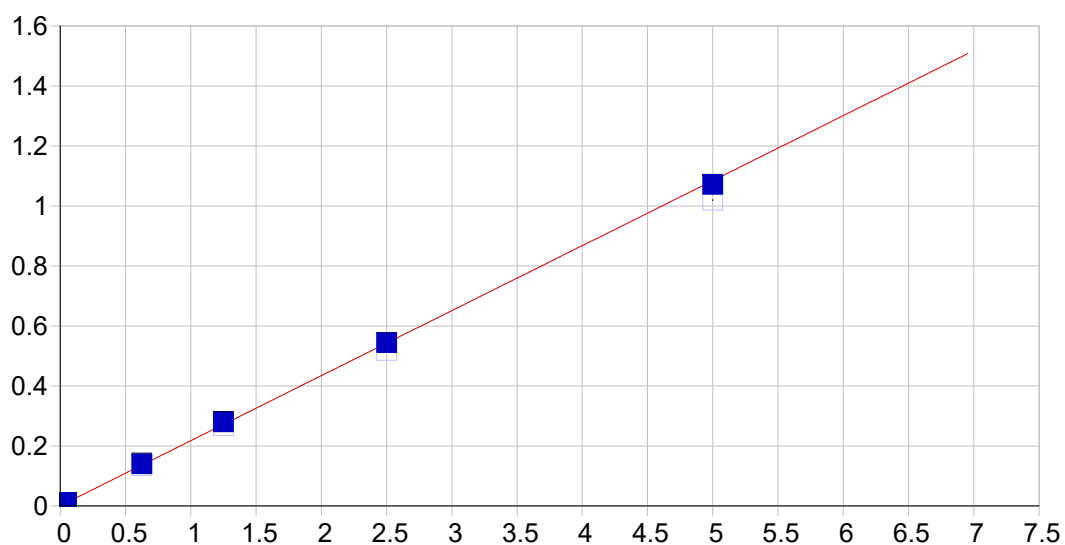


Na 818.326 { 41}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004834	Re-Slope:	1.000000
A1 (Gain):	0.006386	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000303		
Predicted MDL:	0.309880		
Predicted MQL:	1.032934		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00483	.001	1
S1	5.0000	5.0497	.050	.995	.02742	.002	1
S2	37.500	36.890	-.610	-1.63	.23181	.002	1
S3	75.000	74.061	-.939	-1.25	.47025	.005	1
S4	150.00	146.21	-3.79	-2.53	.93310	.004	1
S5	300.00	295.19	-4.81	-1.60	1.8888	.005	1
S6	800.00	810.10	10.1	1.26	5.1912	.001	1

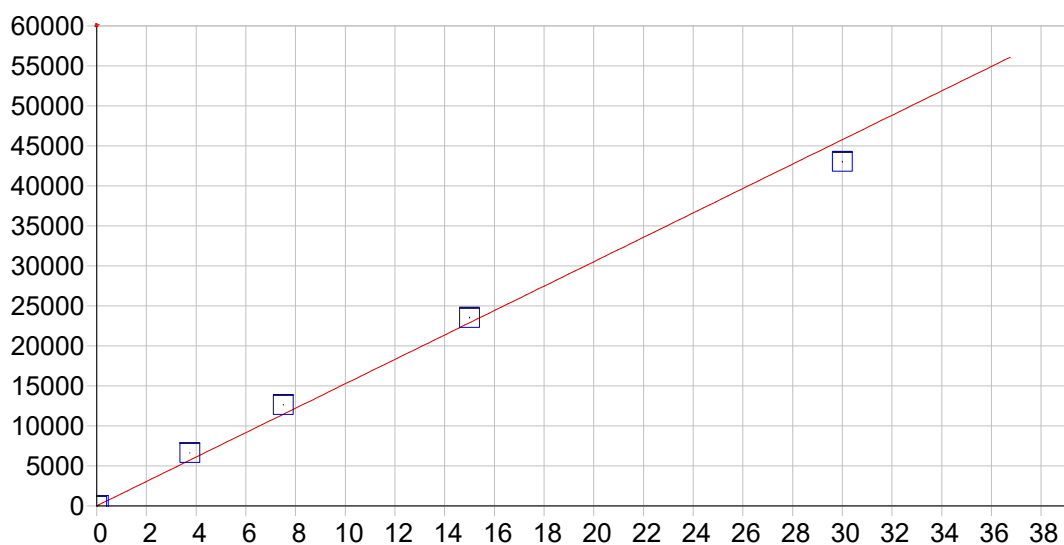


V 292.402 {115}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000500	Re-Slope:	1.000000
A1 (Gain):	0.216765	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.002600		
Predicted MQL:	0.008666		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.05000	.05020	.000	.398	.01136	.001	1
S2	.62500	.64474	.020	3.16	.13376	.002	1
S3	1.2500	1.2864	.036	2.91	.26636	.002	1
S4	2.5000	2.5062	.006	.248	.51778	.001	1
S5	5.0000	4.9374	-.063	-1.25	1.0188	.002	1

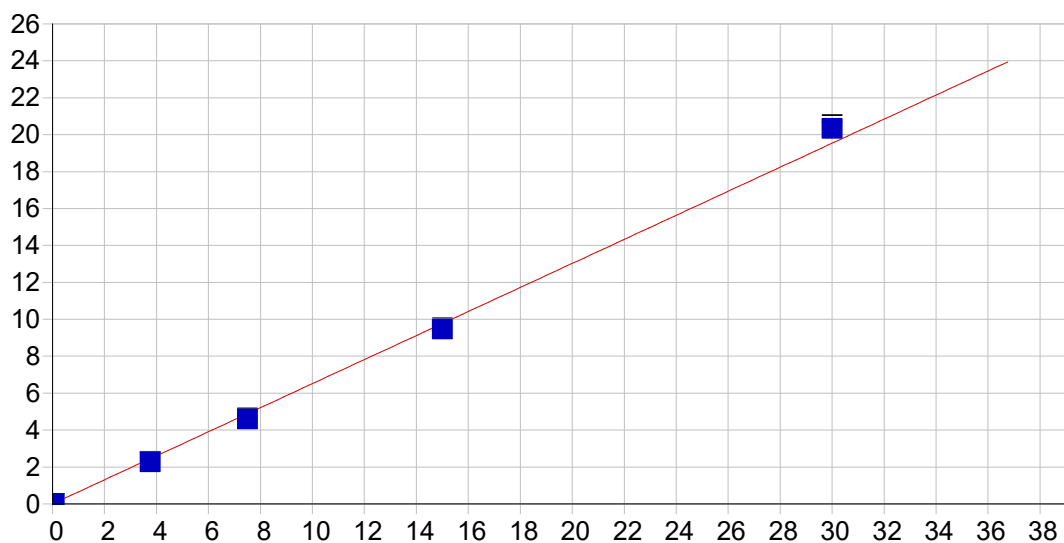


Zn 206.200 {464}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6.282163 Re-Slope: 1.000000
 A1 (Gain): 1525.774446 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997374 Status: OK.
 Std Error of Est: 7.883725
 Predicted MDL: 0.000368
 Predicted MQL: 0.001226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	6.2406	.119	1
S1	.06000	.07348	.013	22.5	118.40	1.41	1
S2	3.7500	4.3356	.586	15.6	6621.4	7.17	1
S3	7.5000	8.2861	.786	10.5	12649.	29.1	1
S4	15.000	15.418	.418	2.79	23531.	53.3	1
S5	30.000	28.197	-1.80	-6.01	43028.	57.9	1

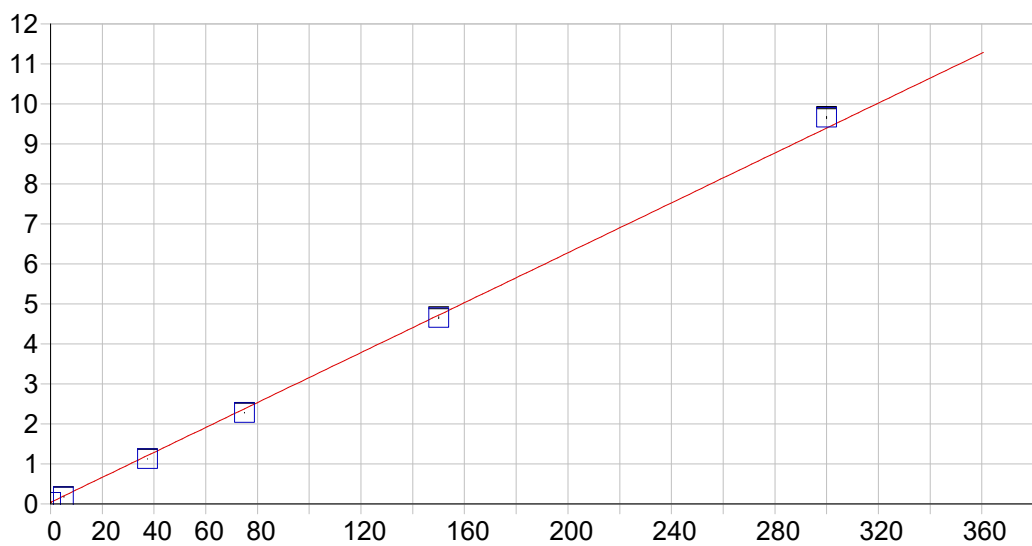


Zn 213.856 {158}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001649 Re-Slope: 1.000000
 A1 (Gain): 0.651278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999011 Status: OK.
 Std Error of Est: 0.002065
 Predicted MDL: 0.001272
 Predicted MQL: 0.004239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00166	.000	1
S1	.06000	.05504	-.005	-8.26	.03761	.003	1
S2	3.7500	3.4719	-.278	-7.42	2.2668	.033	1
S3	7.5000	7.0438	-.456	-6.08	4.5971	.051	1
S4	15.000	14.533	-.467	-3.11	9.4825	.055	1
S5	30.000	31.207	1.21	4.02	20.358	.178	1

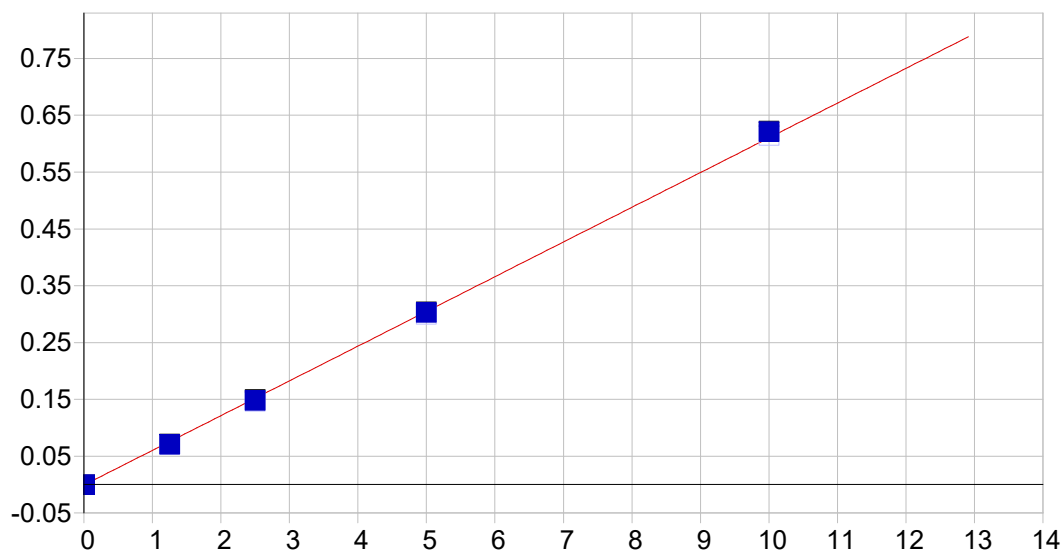


K 769.896 { 44}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.040221	Re-Slope:	1.000000
A1 (Gain):	0.031188	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999405	Status:	OK.
Std Error of Est:	0.002219		
Predicted MDL:	0.067826		
Predicted MQL:	0.226085		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00113	.001	.000	.04026	.002	1
S1	5.0000	4.3701	-.630	-12.6	.17652	.003	1
S2	37.500	34.758	-2.74	-7.31	1.1243	.005	1
S3	75.000	71.846	-3.15	-4.20	2.2810	.006	1
S4	150.00	148.07	-1.93	-1.29	4.6583	.024	1
S5	300.00	308.45	8.45	2.82	9.6604	.028	1

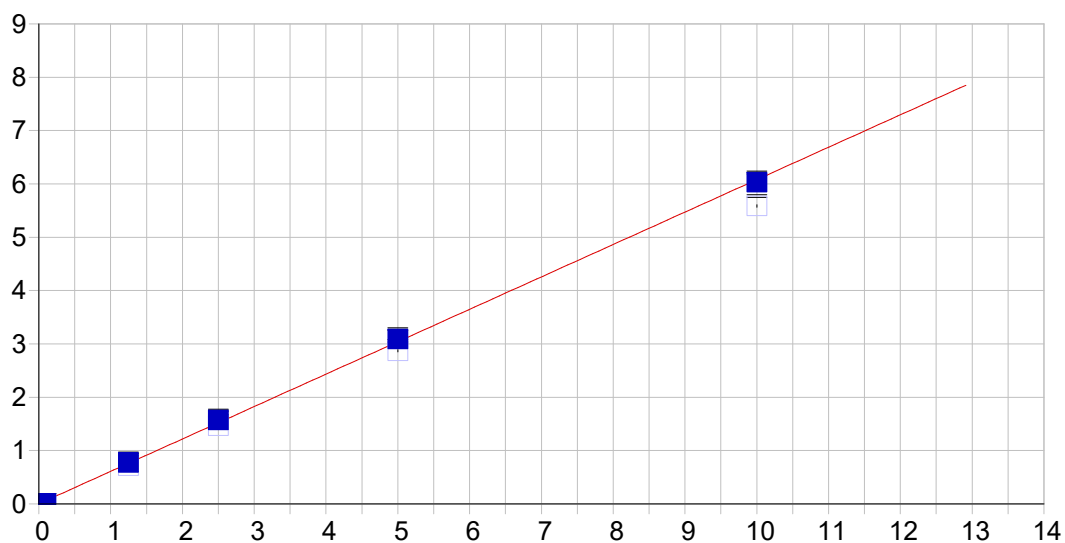


P 177.495 {490}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001000 Re-Slope: 1.000000
 A1 (Gain): 0.061136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002603
 Predicted MQL: 0.008678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.01000	.01015	.000	1.46	-.00038	.000	1
S2	1.2500	1.1737	-.076	-6.10	.06990	.000	1
S3	2.5000	2.4355	-.065	-2.58	.14618	.001	1
S4	5.0000	4.9660	-.034	-.680	.29918	.001	1
S5	10.000	10.175	.175	1.75	.61419	.001	1

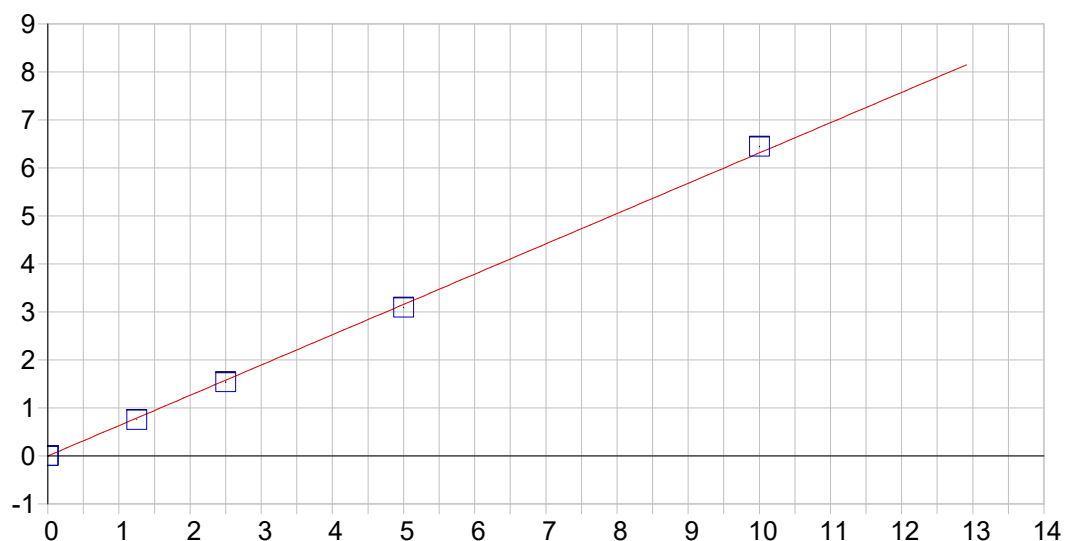


B 249.678 {135}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002035 Re-Slope: 1.000000
 A1 (Gain): 0.607786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997334 Status: OK.
 Std Error of Est: 0.002192
 Predicted MDL: 0.000890
 Predicted MQL: 0.002967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00209	.001	1
S1	.10000	.00969	-.090	-90.3	.00780	.000	1
S2	1.2500	1.2660	.016	1.28	.71638	.012	1
S3	2.5000	2.5855	.085	3.42	1.4632	.019	1
S4	5.0000	5.0820	.082	1.64	2.8702	.023	1
S5	10.000	9.9137	-.086	-.863	5.5863	.025	1

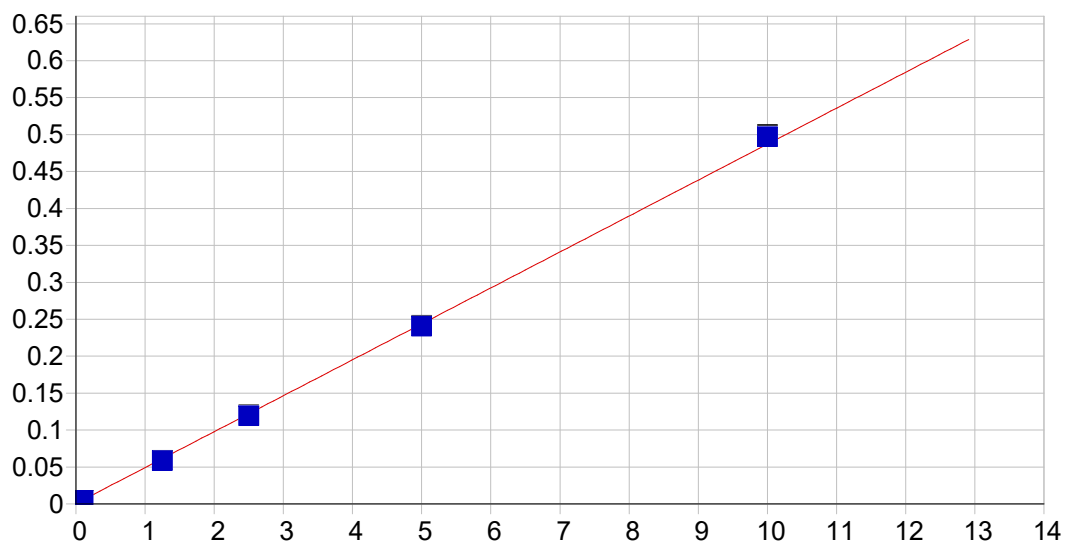


Mo 202.030 {467}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000087	Re-Slope:	1.000000
A1 (Gain):	0.631109	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999724	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.000393		
Predicted MQL:	0.001311		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.01009	.000	.856	.00645	.000	1
S2	1.2500	1.1964	-.054	-4.29	.75512	.002	1
S3	2.5000	2.4386	-.061	-2.46	1.5391	.011	1
S4	5.0000	4.9007	-.099	-1.99	3.0930	.004	1
S5	10.000	10.214	.214	2.14	6.4464	.007	1

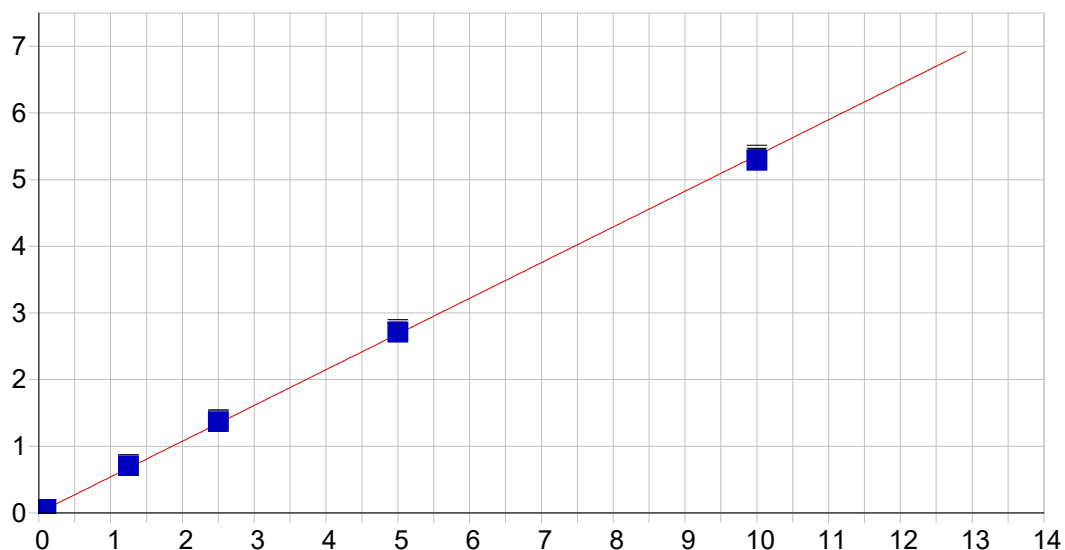


S 182.034 {485}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000475	Re-Slope:	1.000000
A1 (Gain):	0.048659	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.003747		
Predicted MQL:	0.012490		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00048	.000	1
S1	.10000	.08790	-.012	-12.1	.00475	.000	1
S2	1.2500	1.1919	-.058	-4.65	.05860	.000	1
S3	2.5000	2.4382	-.062	-2.47	.11937	.001	1
S4	5.0000	4.9333	-.067	-1.33	.24104	.000	1
S5	10.000	10.199	.199	1.99	.49776	.002	1

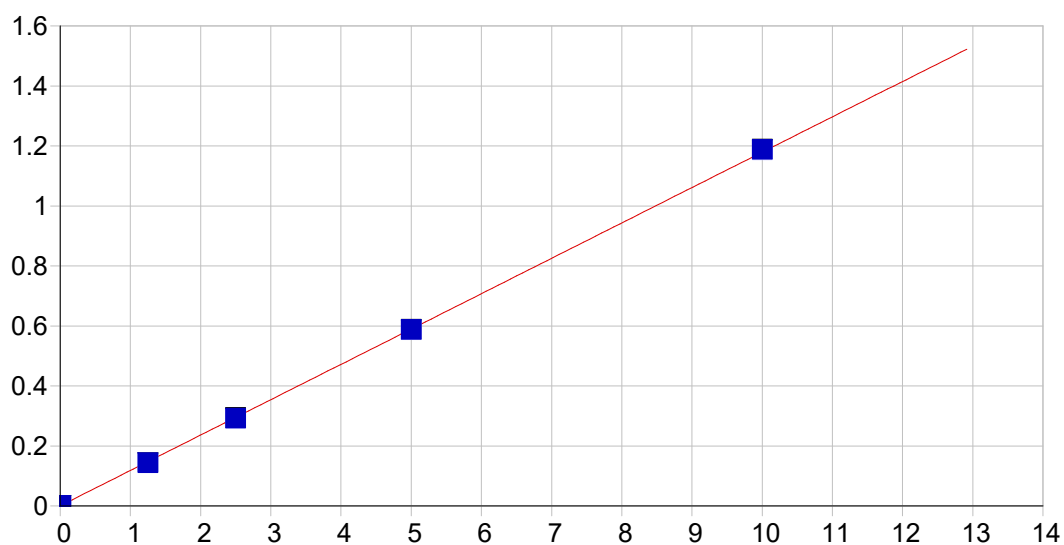


Si 251.611 {134}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005022 Re-Slope: 1.000000
 A1 (Gain): 0.535764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000508
 Predicted MDL: 0.001031
 Predicted MQL: 0.003437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00502	.000	1
S1	.10000	.09645	-.004	-3.55	.05689	.000	1
S2	1.2500	1.3078	.058	4.62	.71161	.012	1
S3	2.5000	2.5434	.043	1.73	1.3795	.019	1
S4	5.0000	5.0455	.045	.909	2.7319	.018	1
S5	10.000	9.8569	-.143	-1.43	5.3334	.033	1

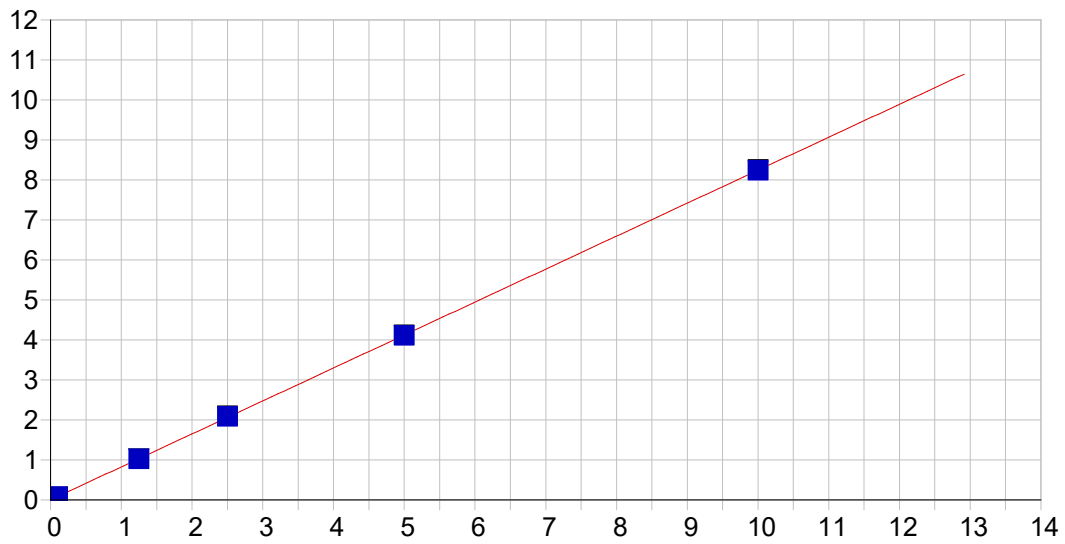


Sn 189.989 {478}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.117863	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.001332		
Predicted MQL:	0.004440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00700	.00577	-.001	-17.5	.00097	.000	1
S2	1.2500	1.2162	-.034	-2.70	.14336	.000	1
S3	2.5000	2.4763	-.024	-.949	.29156	.002	1
S4	5.0000	4.9813	-.019	-.374	.58620	.001	1
S5	10.000	10.077	.077	.774	1.1856	.001	1

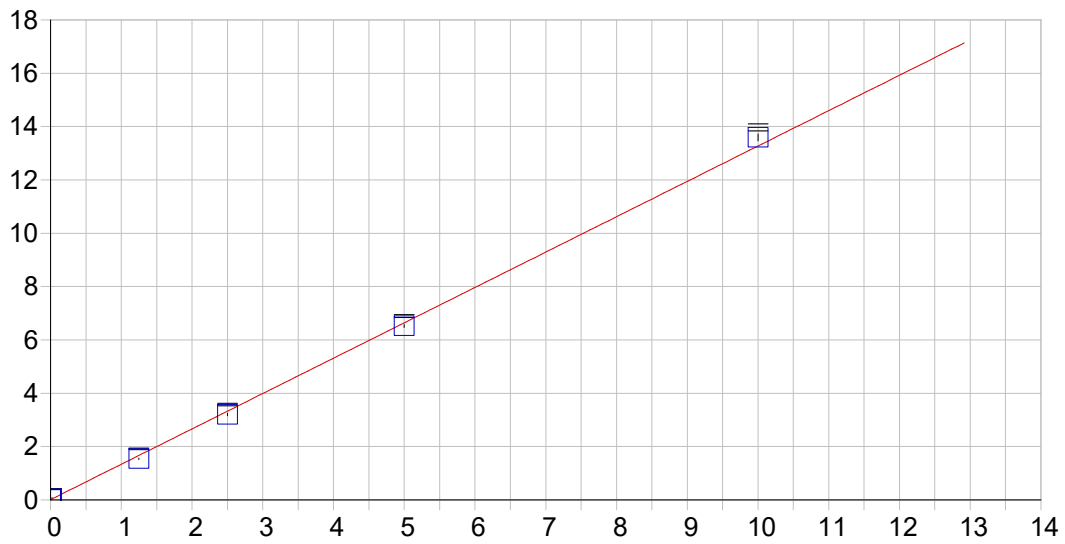


Ti 336.121 {100}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001491	Re-Slope:	1.000000
A1 (Gain):	0.824121	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000225		
Predicted MDL:	0.001008		
Predicted MQL:	0.003361		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00149	.001	1
S1	.10000	.09612	-.004	-3.88	.08068	.000	1
S2	1.2500	1.2452	-.005	-.380	1.0274	.007	1
S3	2.5000	2.5270	.027	1.08	2.0834	.012	1
S4	5.0000	4.9877	-.012	-.246	4.1106	.010	1
S5	10.000	9.9939	-.006	-.061	8.2348	.017	1

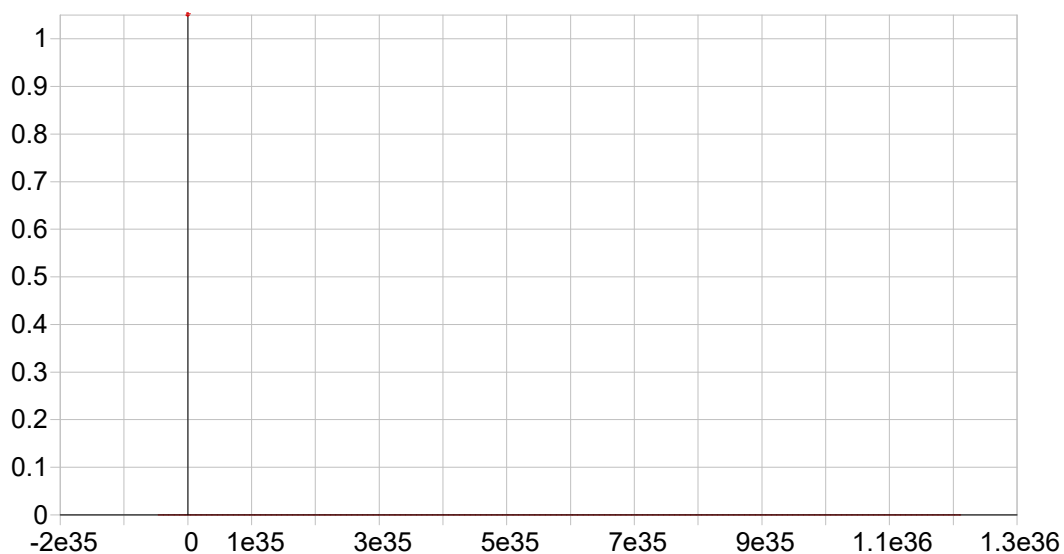


Li 670.784 { 50}

Date of Fit: 09/12/2019 11:22:45 Type of Fit: Linear Weighting: 1/Conc

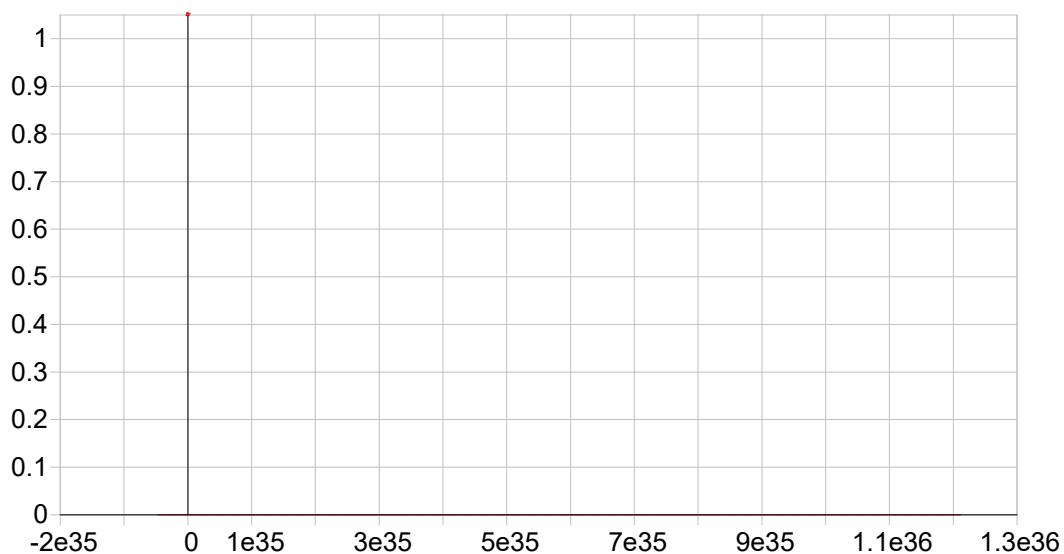
A0 (Offset): 0.010940 Re-Slope: 1.000000
 A1 (Gain): 1.326048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998192 Status: OK.
 Std Error of Est: 0.001640
 Predicted MDL: 0.001574
 Predicted MQL: 0.005248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01091	.001	1
S5	10.000	10.245	.245	2.45	13.596	.135	1
S4	5.0000	4.9103	-.090	-1.79	6.5223	.059	1
S3	2.5000	2.4111	-.089	-3.55	3.2082	.047	1
S2	1.2500	1.1562	-.094	-7.50	1.5442	.028	1
S1	.01500	.04244	.027	183.	.06722	.001	1



Y 224.306 {150}*

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				



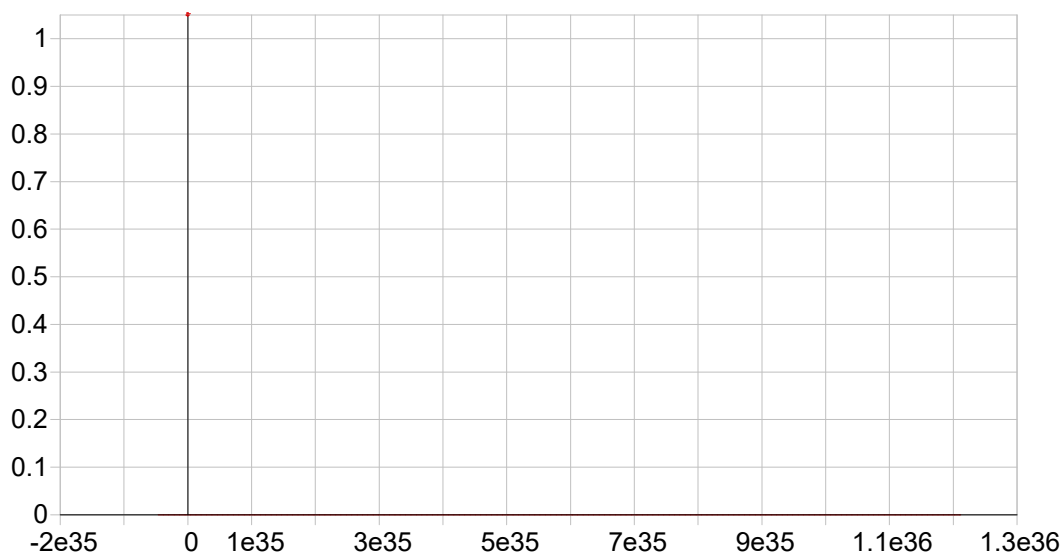
**Y 224.306 {450}*
 1000**

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	

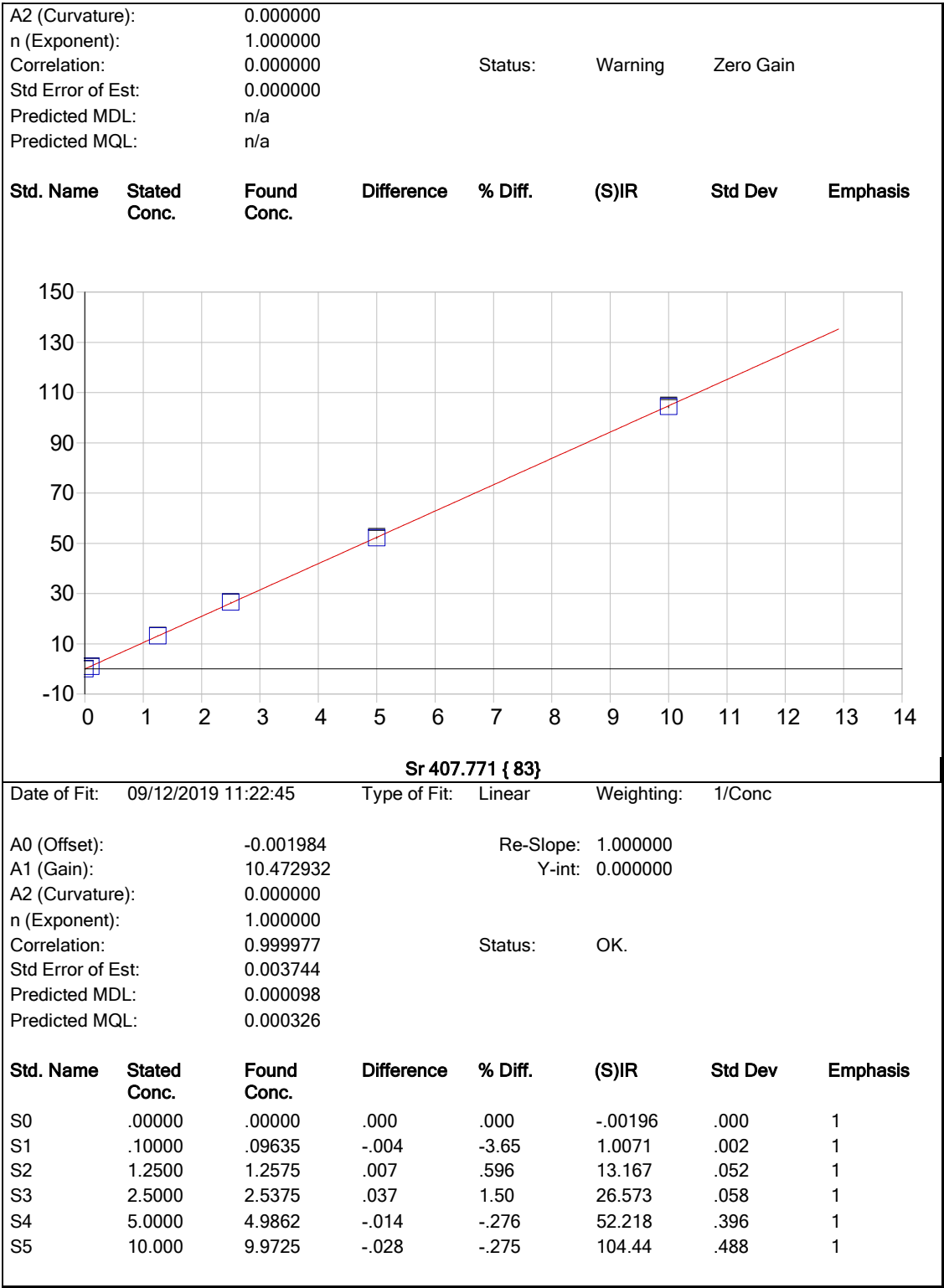




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 09/11/2019 12:51:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	-.00034	-.00081	-.00100	.00088	.00068	.00854	.00104	-.00135
Stddev	.00012	.00013	.00003	.00008	.00017	.00056	.00177	.00017
%RSD	33.885	15.729	3.1814	8.6994	25.714	6.5743	170.32	12.330
#1	-.00046	-.00081	-.00103	.00087	.00069	.00892	.00175	-.00137
#2	-.00032	-.00094	-.00100	.00081	.00084	.00790	.00235	-.00117
#3	-.00024	-.00069	-.00097	.00096	.00050	.00881	-.00098	-.00150
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	-.00051	.00041	.00018	.00009	.00396	-.00006	.00052	-.00043
Stddev	.00033	.00032	.00006	.00027	.00077	.00029	.00054	.00037
%RSD	64.633	77.942	32.555	291.65	19.582	453.11	104.86	84.753
#1	-.00074	.00037	.00018	.00032	.00422	-.00011	.00013	-.00017
#2	-.00013	.00011	.00023	-.00021	.00308	-.00033	.00113	-.00028
#3	-.00065	.00075	.00012	.00017	.00456	.00025	.00028	-.00085
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	-.00218	-.00062	-.00483	.00050	.00166	.04026	-.00100	.00209
Stddev	.00045	.00006	.00127	.00014	.00046	.00239	.00008	.00060
%RSD	20.580	9.1305	26.267	27.612	27.910	5.9263	8.1279	28.769
#1	-.00218	-.00056	-.00609	.00034	.00142	.04301	-.00094	.00278
#2	-.00173	-.00067	-.00486	.00054	.00136	.03883	-.00109	.00179
#3	-.00263	-.00065	-.00355	.00061	.00219	.03893	-.00097	.00169
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	.00009	.00048	.00502	.00031	.00149	.01091	-.00196	
Stddev	.00011	.00004	.00042	.00009	.00057	.00146	.00010	
%RSD	121.52	9.3354	8.4607	28.554	38.366	13.431	5.0592	
#1	.00006	.00049	.00526	.00027	.00186	.01252	-.00186	
#2	-.00000	.00043	.00453	.00041	.00083	.00967	-.00206	
#3	.00020	.00051	.00527	.00025	.00179	.01052	-.00197	

Sample Name: S0 Acquired: 09/11/2019 12:51:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1474.8	2301.9	33978.	5849.7	2471.7
Stddev	13.0	3.9	179.	27.0	3.7
%RSD	.88299	.17153	.52789	.46138	.14883
#1	1461.7	2297.9	33856.	5873.7	2470.9
#2	1487.7	2305.7	34184.	5855.0	2475.7
#3	1474.8	2302.1	33895.	5820.5	2468.5

Sample Name: S1 Acquired: 09/11/2019 12:55:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.00027	.00101	.00148	.00419	.01114	.03156	.90147	.02680
Stddev	.00006	.00009	.00047	.00009	.00008	.00044	.01904	.00049
%RSD	23.518	8.9990	31.965	2.0508	.70590	1.3879	2.1123	1.8232

#1	.00020	.00111	.00195	.00429	.01117	.03133	.90592	.02681
#2	.00033	.00094	.00100	.00415	.01105	.03128	.88060	.02630
#3	.00026	.00097	.00149	.00413	.01119	.03206	.91789	.02728

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	.02245	.51148	.00220	.05728	.01109	.00492	.01956	.08584
Stddev	.00021	.00748	.00008	.00009	.00012	.00026	.00054	.00139
%RSD	.93700	1.4624	3.7313	.14883	1.0867	5.2325	2.7523	1.6170

#1	.02239	.51468	.00218	.05720	.01099	.00467	.02001	.08608
#2	.02268	.50293	.00213	.05727	.01106	.00489	.01896	.08434
#3	.02228	.51682	.00229	.05737	.01122	.00518	.01970	.08708

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	.02919	.00394	.02742	.01136	.03761	.17652	-.00038	.00780
Stddev	.00034	.00018	.00173	.00083	.00275	.00345	.00007	.00050
%RSD	1.1614	4.5163	6.2984	7.3251	7.3097	1.9529	19.362	6.4083

#1	.02910	.00408	.02544	.01149	.04061	.17257	-.00036	.00819
#2	.02891	.00399	.02817	.01047	.03520	.17893	-.00047	.00724
#3	.02957	.00374	.02864	.01212	.03702	.17805	-.00032	.00797

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	.00645	.00475	.05689	.00097	.08068	.06722	1.0071	
Stddev	.00003	.00009	.00038	.00012	.00037	.00076	.0024	
%RSD	.44059	1.9904	.66584	12.637	.45790	1.1375	.23497	

#1	.00648	.00474	.05666	.00111	.08037	.06633	1.0099	
#2	.00644	.00466	.05732	.00089	.08058	.06765	1.0057	
#3	.00643	.00485	.05668	.00091	.08109	.06766	1.0059	

Sample Name: S1 Acquired: 09/11/2019 12:55:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1468.7	2303.4	33677.	5891.4	2502.5
Stddev	7.9	2.2	164.	51.2	1.4
%RSD	.53726	.09756	.48579	.86863	.05569
#1	1459.6	2301.5	33672.	5874.9	2501.2
#2	1474.0	2305.9	33844.	5948.8	2503.9
#3	1472.5	2303.0	33517.	5850.5	2502.4

Sample Name: S2 Acquired: 09/11/2019 12:59:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.06618	.10176	1.9460	.12330	.22932	4.4888	11.336	.72884
Stddev	.00010	.00063	.0042	.00023	.00124	.0346	.209	.01118
%RSD	.14809	.62364	.21485	.19049	.53862	.77020	1.8474	1.5345

#1	.06607	.10133	1.9441	.12302	.22804	4.4792	11.255	.73090
#2	.06626	.10146	1.9430	.12342	.22943	4.4600	11.178	.71677
#3	.06620	.10249	1.9508	.12344	.23050	4.5271	11.573	.73885

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	2.9149	6.3006	.77299	.73512	1.1228	1.8444	4.4520	1.0694
Stddev	.0049	.0897	.00062	.00224	.0028	.0171	.0503	.0111
%RSD	.16909	1.4236	.08049	.30490	.24906	.92664	1.1287	1.0362

#1	2.9142	6.2638	.77365	.73385	1.1232	1.8382	4.4327	1.0644
#2	2.9104	6.2351	.77290	.73380	1.1198	1.8313	4.4143	1.0617
#3	2.9202	6.4028	.77241	.73770	1.1253	1.8637	4.5090	1.0821

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	.48420	.14449	.23181	.13376	2.2668	1.1243	.06990	.71638
Stddev	.00203	.00068	.00245	.00237	.0333	.0047	.00032	.01159
%RSD	.42006	.47027	1.0555	1.7725	1.4700	.42087	.45726	1.6180

#1	.48310	.14492	.23088	.13237	2.2407	1.1266	.06956	.72229
#2	.48295	.14484	.22997	.13241	2.3043	1.1188	.06995	.70302
#3	.48655	.14371	.23459	.13650	2.2553	1.1274	.07019	.72382

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	.75512	.05860	.71161	.14336	1.0274	1.5442	13.167
Stddev	.00234	.00018	.01199	.00033	.0071	.0283	.052
%RSD	.31052	.30170	1.6855	.22678	.68837	1.8342	.39388

#1	.75325	.05846	.71416	.14299	1.0246	1.5300	13.209
#2	.75436	.05855	.69855	.14361	1.0221	1.5257	13.109
#3	.75775	.05880	.72213	.14347	1.0354	1.5768	13.183

Sample Name: S2 Acquired: 09/11/2019 12:59:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1409.1	2223.5	32974.	5902.0	2368.9
Stddev	11.9	4.5	216.	62.1	4.9
%RSD	.84808	.20296	.65480	1.0523	.20585
#1	1409.5	2226.9	33045.	5894.5	2371.2
#2	1397.0	2225.2	32731.	5967.5	2372.2
#3	1420.9	2218.4	33145.	5844.0	2363.3

Sample Name: S3 Acquired: 09/11/2019 13:03:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.13446	.20710	3.9272	.24462	.46267	9.1154	22.856	1.4729
Stddev	.00103	.00130	.0266	.00132	.00301	.0539	.316	.0167
%RSD	.76603	.62876	.67789	.53994	.65088	.59151	1.3813	1.1301

#1	.13379	.20715	3.9205	.24399	.46138	9.0797	22.657	1.4593
#2	.13394	.20577	3.9046	.24373	.46051	9.1774	23.220	1.4915
#3	.13564	.20837	3.9566	.24614	.46611	9.0890	22.690	1.4680

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	5.8027	12.734	1.5303	1.4835	2.2482	3.6888	8.9246	2.1718
Stddev	.0336	.142	.0056	.0082	.0042	.0285	.0847	.0162
%RSD	.57908	1.1149	.36916	.55302	.18508	.77259	.94848	.74776

#1	5.7940	12.622	1.5365	1.4800	2.2466	3.6682	8.8662	2.1590
#2	5.7743	12.894	1.5290	1.4777	2.2529	3.7213	9.0217	2.1901
#3	5.8398	12.687	1.5254	1.4929	2.2450	3.6769	8.8860	2.1664

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	.97797	.29256	.47025	.26636	4.5971	2.2810	.14618	1.4632
Stddev	.00618	.00184	.00471	.00245	.0514	.0060	.00136	.0186
%RSD	.63174	.62962	1.0022	.91826	1.1182	.26197	.92899	1.2735

#1	.97598	.29466	.46870	.26448	4.6558	2.2767	.14607	1.4479
#2	.97303	.29122	.47555	.26913	4.5602	2.2878	.14489	1.4839
#3	.98490	.29180	.46651	.26548	4.5753	2.2785	.14759	1.4577

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	1.5391	.11937	1.3795	.29156	2.0834	3.2082	26.573
Stddev	.0108	.00092	.0190	.00211	.0120	.0470	.058
%RSD	.70305	.77050	1.3775	.72237	.57468	1.4658	.22007

#1	1.5321	.11919	1.3658	.29094	2.0738	3.1680	26.535
#2	1.5336	.11856	1.4012	.28983	2.0968	3.2599	26.640
#3	1.5515	.12037	1.3715	.29391	2.0795	3.1968	26.543

Sample Name: S3 Acquired: 09/11/2019 13:03:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1347.4	2149.8	32204.	5745.3	2280.0
Stddev	6.1	8.6	188.	67.7	8.1
%RSD	.45509	.40164	.58468	1.1787	.35385
#1	1340.5	2153.0	31986.	5796.9	2281.3
#2	1349.3	2156.3	32320.	5668.6	2287.4
#3	1352.4	2140.0	32304.	5770.4	2271.4

Sample Name: S4 Acquired: 09/11/2019 13:07:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.27195	.40974	7.9082	.46967	.93286	18.258	44.446	2.8781
Stddev	.00195	.00130	.0090	.00116	.00140	.062	.432	.0171
%RSD	.71534	.31632	.11407	.24740	.15051	.33798	.97104	.59302

#1	.26986	.40825	7.9045	.46915	.93142	18.325	44.941	2.8975
#2	.27229	.41031	7.9016	.46885	.93293	18.204	44.148	2.8656
#3	.27371	.41064	7.9185	.47100	.93422	18.245	44.250	2.8710

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	11.413	25.118	3.0088	2.9607	4.4647	7.2030	17.500	4.3311
Stddev	.029	.164	.0061	.0060	.0066	.0443	.125	.0263
%RSD	.25301	.65433	.20206	.20105	.14799	.61491	.71200	.60693

#1	11.411	25.300	3.0119	2.9572	4.4674	7.2416	17.634	4.3543
#2	11.386	24.981	3.0127	2.9573	4.4572	7.1546	17.389	4.3025
#3	11.444	25.072	3.0018	2.9675	4.4696	7.2127	17.476	4.3366

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	1.9614	.58950	.93310	.51778	9.4825	4.6583	.29918	2.8702
Stddev	.0062	.00347	.00421	.00075	.0554	.0235	.00094	.0229
%RSD	.31810	.58928	.45105	.14478	.58442	.50493	.31294	.79769

#1	1.9547	.59322	.93695	.51825	9.4417	4.6803	.29812	2.8967
#2	1.9622	.58893	.92860	.51691	9.4603	4.6335	.29952	2.8569
#3	1.9671	.58635	.93374	.51817	9.5456	4.6611	.29990	2.8571

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	3.0930	.24104	2.7319	.58620	4.1106	6.5223	52.218
Stddev	.0042	.00050	.0179	.00132	.0100	.0592	.396
%RSD	.13564	.20568	.65562	.22501	.24329	.90690	.75853

#1	3.0906	.24061	2.7526	.58468	4.1204	6.5836	52.281
#2	3.0906	.24093	2.7208	.58700	4.1004	6.4655	51.795
#3	3.0978	.24158	2.7223	.58692	4.1108	6.5178	52.579

Sample Name: S4 Acquired: 09/11/2019 13:07:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1269.5	2049.0	31362.	5708.4	2166.2
Stddev	5.3	.9	159.	55.0	.7
%RSD	.42056	.04248	.50776	.96326	.03156
#1	1268.7	2048.2	31185.	5646.8	2165.5
#2	1275.2	2048.8	31409.	5752.4	2166.9
#3	1264.6	2049.9	31493.	5726.1	2166.1

Sample Name: S5 Acquired: 09/11/2019 13:11:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.56560	.80160	15.908	.91905	1.9306	37.000	86.758	5.7137
Stddev	.00216	.00135	.048	.00168	.0058	.048	.896	.0452
%RSD	.38139	.16829	.30139	.18297	.30153	.12949	1.0322	.79151

#1	.56375	.80043	15.866	.91811	1.9239	36.972	86.700	5.6634
#2	.56508	.80130	15.896	.92099	1.9343	36.973	87.681	5.7510
#3	.56797	.80307	15.960	.91804	1.9336	37.056	85.893	5.7267

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	22.540	49.771	5.8879	5.9099	8.9706	14.143	34.393	8.7033
Stddev	.055	.336	.0066	.0141	.0085	.069	.227	.0517
%RSD	.24565	.67532	.11221	.23885	.09520	.48805	.65859	.59340

#1	22.500	49.383	5.8822	5.8974	8.9741	14.064	34.132	8.6437
#2	22.517	49.958	5.8864	5.9070	8.9609	14.186	34.539	8.7305
#3	22.603	49.971	5.8952	5.9252	8.9769	14.180	34.509	8.7356

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	3.8870	1.1955	1.8888	1.0188	20.358	9.6604	.61419	5.5863
Stddev	.0109	.0077	.0047	.0016	.178	.0276	.00128	.0255
%RSD	.28053	.64270	.25120	.15862	.87299	.28556	.20865	.45577

#1	3.8772	1.2038	1.8833	1.0172	20.551	9.6294	.61515	5.5651
#2	3.8851	1.1942	1.8915	1.0188	20.201	9.6691	.61273	5.6146
#3	3.8988	1.1886	1.8916	1.0204	20.322	9.6825	.61467	5.5792

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4464	.49776	5.3334	1.1856	8.2348	13.596	104.44
Stddev	.0067	.00212	.0332	.0009	.0167	.135	.49
%RSD	.10370	.42623	.62325	.07761	.20300	.99622	.46746

#1	6.4394	.49943	5.3022	1.1855	8.2387	13.440	104.27
#2	6.4472	.49537	5.3683	1.1847	8.2165	13.680	104.99
#3	6.4527	.49847	5.3297	1.1866	8.2492	13.668	104.06

Sample Name: S5 Acquired: 09/11/2019 13:11:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1132.2	1879.4	30198.	5602.0	2034.4
Stddev	6.0	5.3	85.	34.0	6.0
%RSD	.53416	.28287	.28017	.60610	.29437
#1	1125.5	1885.3	30106.	5641.0	2041.3
#2	1137.2	1875.1	30271.	5579.4	2031.6
#3	1133.9	1877.7	30218.	5585.5	2030.3

Sample Name: S6 Acquired: 09/11/2019 13:15:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	96.271	78.603	37.230	14.477	5.1912
Stddev	1.206	.630	.089	.052	.0012
%RSD	1.2529	.80165	.23975	.35785	.02269

#1	95.200	78.455	37.127	14.417	5.1904
#2	96.036	78.060	37.292	14.507	5.1906
#3	97.577	79.294	37.270	14.508	5.1925

Int. Std.	Y_3710
Units	Cts/S
Avg	5422.7
Stddev	32.4
%RSD	.59785

#1	5434.3
#2	5447.7
#3	5386.0

Sample Name: ICV Acquired: 09/11/2019 13:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	1.053545	1.105147	1.050025	1.092913	1.076345	2.632796
Stddev	.007696	.016076	.011552	.009221	.016203	.013695
%RSD	.7305017	1.454646	1.100191	.8436668	1.505414	.5201753

#1	1.047874	1.097156	1.040597	1.087128	1.062882	2.648144
#2	1.062306	1.123652	1.062912	1.103546	1.094329	2.621822
#3	1.050455	1.094632	1.046565	1.088064	1.071825	2.628422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5292071	.5231494	.5347453	10.97213	.5303079	.5361724
Stddev	.0018969	.0042931	.0041635	.03097	.0028933	.0055316
%RSD	.3584374	.8206308	.7785943	.2822208	.5455804	1.031680

#1	.5293983	.5247939	.5316934	10.97091	.5322087	.5321539
#2	.5272219	.5182771	.5394883	10.94179	.5317369	.5424813
#3	.5310012	.5263771	.5330543	11.00369	.5269782	.5338820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972109	5.562795	.5424086	6.343957	.5527178	.5258236
Stddev	.0020975	.007520	.0009799	.037586	.0074266	.0020595
%RSD	.4218455	.1351845	.1806556	.5924685	1.343657	.3916633

#1	.4994147	5.565735	.5428052	6.311295	.5480794	.5279119
#2	.4952390	5.568402	.5412926	6.335538	.5612835	.5237943
#3	.4969790	5.554250	.5431281	6.385039	.5487904	.5257644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39006	.5506531	.9645625	9.572050	F .0068461	F 2.723506
Stddev	.16185	.0059885	.0082055	.065971	.0011730	.020985
%RSD	1.557699	1.087536	.8506984	.6892064	17.13436	.7705228

#1	10.23150	.5450031	.9591429	9.551480	.0080274	2.734932
#2	10.55500	.5500255	.9740029	9.518815	.0068293	2.699288
#3	10.38367	.5569308	.9605417	9.645856	.0056815	2.736300

Sample Name: ICV Acquired: 09/11/2019 13:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	F 2.523417	F .0041419	F 2.599727	F 2.548767	F 2.648051	F .0006886
Stddev	.026273	.0024307	.020348	.025496	.003731	.0021495
%RSD	1.041169	58.68676	.7827154	1.000316	.1409135	312.1483
#1	2.505248	.0019043	2.610372	2.530411	2.643743	.0031591
#2	2.553542	.0037931	2.576264	2.577878	2.650266	-.000754
#3	2.511461	.0067281	2.612545	2.538013	2.650144	-.000340

Elem	Sr4077
Units	ppm
Avg	F .0124423
Stddev	.0000344
%RSD	.2767430
#1	.0124792
#2	.0124364
#3	.0124111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.706	2336.413	33944.88	5967.247	2504.713
Stddev	5.877	20.054	139.07	48.943	20.263
%RSD	.3926552	.8583424	.4096924	.8201861	.8090029
#1	1502.834	2349.362	33798.22	5950.198	2518.265
#2	1496.167	2313.313	34074.85	6022.433	2481.419
#3	1491.117	2346.564	33961.58	5929.108	2514.456

Sample Name: ICB Acquired: 09/11/2019 13:23:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0003889	-.001048	-.000980	.0012381	.0003166	.0030626	-.000004
Stddev	.0037837	.002824	.001125	.0017641	.0019566	.0109436	.000524
%RSD	972.8735	269.5453	114.7852	142.4896	618.0066	357.3325	12659.41

#1	.0031862	-.003343	-.001019	.0014064	-.001914	.0154173	.000431
#2	.0018967	.002106	.000164	-.000604	.001120	-.000816	-.000586
#3	-.003916	-.001907	-.002086	.002912	.001743	-.005414	.000143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000311	-.000008	-.004673	-.000866	-.000056	.0000840	-.001188
Stddev	.0000795	.000063	.008088	.000545	.000109	.0032904	.001952
%RSD	255.4674	813.0274	173.0840	62.94856	196.0711	3915.498	164.3333

#1	.0000645	-.000027	.004614	-.001483	-.000182	.0001906	-.003123
#2	-.000060	.000063	-.010169	-.000663	.000007	.0033198	-.001224
#3	.000088	-.000059	-.008464	-.000451	.000007	-.003258	.000782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001804	.0138253	.0003488	-.000281	-.044025	-.000112	-.000941
Stddev	.0000336	.0058214	.0003324	.000329	.168474	.001893	.001121
%RSD	18.63065	42.10669	95.27615	117.2744	382.6768	1689.825	119.2251

#1	.0001577	.0089128	.0000888	-.000642	-.026786	.000725	.000354
#2	.0001645	.0202551	.0002344	.000001	-.220455	.001218	-.001590
#3	.0002190	.0123079	.0007233	-.000201	.115166	-.002279	-.001587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.127807	.0017983	.0165096	.0008209	-.002751	.0025981	.0002820
Stddev	.049920	.0014464	.0006693	.0002630	.001255	.0001764	.0003480
%RSD	39.05902	80.43381	4.053694	32.04335	45.61182	6.789311	123.4050

#1	-.107001	.0028650	.0171092	.0006256	-.002621	.0026972	-.000083
#2	-.184765	.0023780	.0166320	.0011200	-.001566	.0023945	.000320
#3	-.091655	.0001519	.0157876	.0007171	-.004066	.0027027	.000610

Sample Name: ICB Acquired: 09/11/2019 13:23:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0009409	-.000275	.0000131
Stddev	.0005829	.001607	.0000324
%RSD	61.94619	584.9162	246.2843

#1	.0004202	-.000299	.0000425
#2	.0008321	-.001870	.0000185
#3	.0015706	.001344	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.231	2326.963	33980.60	5876.212	2483.972
Stddev	7.325	7.073	263.26	56.083	6.980
%RSD	.4889012	.3039643	.7747480	.9544063	.2809888

#1	1495.023	2329.436	33961.40	5868.140	2484.219
#2	1493.057	2332.468	33727.47	5824.602	2490.825
#3	1506.613	2318.986	34252.95	5935.893	2476.872

Sample Name: ICSA Acquired: 09/11/2019 13:29:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0035959	-.000229	-.006988	.0076558	.0005997	242.7611
Stddev	.0064991	.000577	.000848	.0014155	.0018158	.6349
%RSD	180.7360	252.2945	12.14025	18.48949	302.7707	.2615247

#1	-.003900	.000087	-.007917	.0092894	-.001198	242.0422
#2	.007649	.000122	-.006253	.0067944	.000563	243.2449
#3	.007039	-.000895	-.006795	.0068834	.002434	242.9963

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068224	.0013240	-.000623	258.0722	.0474478	.0002801
Stddev	.0004692	.0000584	.000032	1.3814	.0003482	.0003322
%RSD	6.877923	4.410827	5.116704	.5352579	.7339554	118.5779

#1	.0068404	.0012682	-.000641	256.5593	.0470541	-.000084
#2	.0072823	.0013192	-.000586	259.2662	.0475738	.000359
#3	.0063444	.0013847	-.000642	258.3910	.0477155	.000566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002912	101.8799	.0118366	259.9909	.0011644	-.000349
Stddev	.001463	.2416	.0005336	1.0229	.0003428	.000078
%RSD	50.22739	.2371429	4.507794	.3934532	29.43897	22.39803

#1	-.001969	101.6014	.0123639	258.8430	.0008075	-.000429
#2	-.004597	102.0331	.0118488	260.3240	.0011946	-.000273
#3	-.002170	102.0053	.0112970	260.8058	.0014911	-.000343

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147486	.0036920	-.001628	-.219485	F .0101044	-.005096
Stddev	.294805	.0012010	.001648	.032996	.0021854	.000634
%RSD	199.8864	32.53093	101.2490	15.03322	21.62836	12.43326

#1	.019679	.0050729	-.001443	-.238071	.0076051	-.004448
#2	.025742	.0031132	-.000080	-.181389	.0116559	-.005125
#3	-.487880	.0028900	-.003361	-.238996	.0110523	-.005714

Sample Name: ICSA Acquired: 09/11/2019 13:29:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0001838	F .0007765	F -.000130	-.001544	F .0003734	W .0000839
Stddev	.0004402	.0060773	.000568	.002123	.0003275	.0009020
%RSD	239.4422	782.5992	435.9390	137.4389	87.69776	1075.389

#1	.0005519	-.005338	-.000660	-.003360	.0007510	.0005856
#2	-.000304	.006815	-.000201	-.002063	.0002035	.0006234
#3	.000303	.000853	.000470	.000789	.0001658	-.000957

Elem	Sr4077
Units	ppm
Avg	F .0995681
Stddev	.0001748
%RSD	.1756022

#1	.0995624
#2	.0997457
#3	.0993962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.653	2187.695	31515.05	5639.352	2250.671
Stddev	8.438	4.734	251.80	10.925	5.080
%RSD	.6081004	.2163742	.7989702	.1937249	.2257095

#1	1385.483	2189.106	31527.78	5647.186	2248.354
#2	1396.964	2191.564	31760.24	5626.872	2256.497
#3	1380.511	2182.417	31257.13	5643.997	2247.163

Sample Name: ICSAB Acquired: 09/11/2019 13:33:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0980261	.1069643	.0449865	.0509221	.6236924	235.4208
Stddev	.0041342	.0042381	.0001224	.0022549	.0015089	2.9254
%RSD	4.217440	3.962182	.2719958	4.428056	.2419358	1.242639

#1	.1001147	.1045719	.0449922	.0523823	.6221219	237.0901
#2	.0932643	.1044633	.0448614	.0520589	.6238244	237.1294
#3	.1006994	.1118576	.0451059	.0483251	.6251311	232.0429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5011025	.4963437	.9956123	247.3041	.5460736	.5024606
Stddev	.0112130	.0069067	.0023987	4.5684	.0006903	.0012111
%RSD	2.237665	1.391508	.2409312	1.847269	.1264161	.2410370

#1	.5104271	.4982341	.9930511	250.3860	.5466750	.5010644
#2	.5042196	.5021084	.9978063	249.4707	.5462261	.5032269
#3	.4886607	.4886887	.9959796	242.0555	.5453198	.5030906

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4577546	98.15399	.5065735	250.5612	1.016455	.2028658
Stddev	.0077298	1.58412	.0080301	4.1606	.002894	.0006339
%RSD	1.688632	1.613912	1.585172	1.660531	.2847493	.3124892

#1	.4610285	99.32128	.5124331	253.0704	1.013362	.2029136
#2	.4633086	98.78997	.5098671	252.8546	1.019098	.2022094
#3	.4489266	96.35071	.4974203	245.7585	1.016905	.2034746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000116	.5020401	.9157943	-.314411	.0083745	-.003308
Stddev	.0562410	.0055699	.0049583	.023328	.0031542	.001546
%RSD	56.23452	1.109451	.5414154	7.419454	37.66500	46.74413

#1	.0453890	.5069478	.9203036	-.341299	.0049372	-.001626
#2	.1577422	.5031862	.9165947	-.299568	.0090500	-.004668
#3	.0969036	.4959863	.9104845	-.302366	.0111362	-.003629

Sample Name: ICSAB Acquired: 09/11/2019 13:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) 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	.0006457	F .0050001	F -.000009	-.001318	F -.000196	W -.000953
Stddev	.0002385	.0036055	.000977	.000525	.001043	.000808
%RSD	36.93148	72.10882	11293.67	39.85492	530.6543	84.84394
#1	.0006376	.0031106	.000158	-.001606	.000702	-.000471
#2	.0004114	.0027320	.000875	-.000712	-.001340	-.000502
#3	.0008881	.0091576	-.001059	-.001637	.000049	-.001886

Elem	Sr4077
Units	ppm
Avg	F .0974639
Stddev	.0011711
%RSD	1.201605
#1	.0982973
#2	.0979695
#3	.0961249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.688	2183.157	31735.21	5795.578	2249.063
Stddev	6.523	1.193	101.79	83.057	4.283
%RSD	.4710856	.0546572	.3207434	1.433108	.1904500
#1	1377.525	2181.779	31631.93	5752.727	2251.874
#2	1386.254	2183.832	31835.44	5742.699	2244.133
#3	1390.286	2183.860	31738.26	5891.309	2251.180

Sample Name: CCV060 Acquired: 09/11/2019 13:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment: 4

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.131184	5.105823	25.66589	4.911607	5.121824	428.2226	10.63353
Stddev	.012667	.008075	.01571	.024268	.019579	4.2959	.05522
%RSD	.2468633	.1581432	.0611953	.4940936	.3822646	1.003184	.5193360

#1	5.122493	5.096962	25.66345	4.906345	5.115033	426.1722	10.67198
#2	5.125342	5.112764	25.68268	4.890402	5.106546	425.3361	10.57025
#3	5.145718	5.107744	25.65155	4.938074	5.143895	433.1595	10.65837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323432	2.552045	433.6626	15.84710	2.611460	15.61357	431.3478
Stddev	.0037801	.002552	3.3350	.04222	.000873	.05070	2.7345
%RSD	.7100948	.1000106	.7690253	.2664480	.0334443	.3246913	.6339465

#1	.5280102	2.553655	430.2879	15.89342	2.611537	15.58494	429.1891
#2	.5349658	2.549103	433.7435	15.81076	2.610550	15.58367	430.4316
#3	.5340537	2.553379	436.9563	15.83711	2.612292	15.67210	434.4228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.75116	439.3573	2.626888	1.337008	423.7722	2.618772	15.14311
Stddev	.12460	3.0120	.008452	.008300	2.5674	.008671	.07744
%RSD	.7910249	.6855389	.3217446	.6207977	.6058468	.3311224	.5113772

#1	15.64994	436.7079	2.619431	1.340852	420.8583	2.608974	15.22774
#2	15.71323	438.7308	2.636069	1.327483	424.7566	2.621881	15.07579
#3	15.89032	442.6333	2.625164	1.342690	425.7018	2.625459	15.12579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.2366	5.303761	5.230326	5.066672	5.221407	5.174893	5.171975
Stddev	.8526	.011338	.025966	.021957	.003721	.028453	.012481
%RSD	.5255128	.2137673	.4964433	.4333569	.0712595	.5498310	.2413157

#1	161.9077	5.298864	5.200525	5.061596	5.225699	5.142053	5.162992
#2	161.5974	5.316724	5.242372	5.047697	5.219088	5.192162	5.186226
#3	163.2046	5.295694	5.248081	5.090722	5.219434	5.190466	5.166707

Sample Name: CCV060 Acquired: 09/11/2019 13:37:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
 Comment: 4

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.222244	5.475683	5.261121
Stddev	.024087	.044348	.111763
%RSD	.4612294	.8099020	2.124324

#1	5.195930	5.427804	5.225642
#2	5.227601	5.483894	5.171404
#3	5.243201	5.515351	5.386318

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.222	1983.668	29920.33	5471.670	2060.074
Stddev	1.064	8.711	206.71	44.805	2.935
%RSD	.0878938	.4391609	.6908744	.8188451	.1424472

#1	1209.879	1981.208	29865.03	5519.085	2056.783
#2	1209.372	1993.345	30149.07	5465.890	2062.418
#3	1211.415	1976.451	29746.89	5430.037	2061.022

Sample Name: CCB060 Acquired: 09/11/2019 13:41:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017587	-.000408	.0005530	.0014735	-.000789	.0074066	.0010690
Stddev	.0025832	.001876	.0004420	.0010270	.000827	.0045534	.0007093
%RSD	146.8809	459.9457	79.92621	69.70097	104.7329	61.47789	66.34992

#1	-.001049	-.002339	.0008344	.0003527	-.001674	.0040088	.0007951
#2	.004035	-.000292	.0007811	.0023695	-.000037	.0056306	.0005375
#3	.002289	.001407	.0000436	.0016982	-.000656	.0125805	.0018744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000039	-.000011	-.003742	-.000511	.0000914	.0005587	.0112808
Stddev	.0000329	.000032	.007957	.000130	.0000643	.0015302	.0053579
%RSD	837.7425	284.6475	212.6486	25.50818	70.40532	273.9023	47.49603

#1	.0000371	-.000016	.005354	-.000581	.0001414	.0004847	.0070231
#2	-.000029	.000023	-.009414	-.000593	.0001139	.0021246	.0172970
#3	.000003	-.000041	-.007164	-.000361	.0000188	-.000933	.0095223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004035	.0469470	.0000320	-.000276	.0023397	.0015109	-.001023
Stddev	.0006563	.0032176	.0003169	.000247	.0710613	.0018378	.000579
%RSD	162.6587	6.853690	991.7265	89.37917	3037.182	121.6362	56.61763

#1	-.000334	.0432976	-.000331	-.000220	-.038719	.0036308	-.000694
#2	.000923	.0493751	.000175	-.000546	.084394	.0003656	-.001691
#3	.000622	.0481685	.000252	-.000062	-.038656	.0005364	-.000682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077261	.0042400	.0135681	.0008704	-.003891	-.000017	.0010841
Stddev	.075919	.0016451	.0015912	.0004363	.004405	.000300	.0012641
%RSD	98.26346	38.80019	11.72726	50.11891	113.2024	1725.886	116.6044

#1	-.022996	.0042774	.0148914	.0012313	-.002384	.000307	.0021745
#2	-.164019	.0025765	.0140103	.0003856	-.000438	-.000073	.0013793
#3	-.044768	.0058661	.0118026	.0009944	-.008852	-.000285	-.000301

Sample Name: CCB060 Acquired: 09/11/2019 13:41:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009398	.0004219	.0001174
Stddev	.0006338	.0020031	.0001150
%RSD	67.43705	474.8008	97.92220

#1	.0002403	-.001249	-.000006
#2	.0011035	.002642	.000136
#3	.0014757	-.000127	.000222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.286	2332.624	33644.61	5893.520	2487.821
Stddev	6.781	6.331	103.22	50.814	2.448
%RSD	.4537991	.2713905	.3067912	.8622013	.0984046

#1	1487.680	2326.306	33674.71	5936.027	2489.035
#2	1493.948	2332.601	33529.69	5837.239	2489.425
#3	1501.230	2338.967	33729.44	5907.294	2485.003

Sample Name: PB122983BL Acquired: 09/11/2019 14:18:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS983 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011611	-.001925	-.001752	-.000112	-.000057	.0014314	-.000170
Stddev	.0031000	.001605	.002150	.000673	.001151	.0065922	.000298
%RSD	266.9881	83.38644	122.7366	600.6470	2012.887	460.5398	174.6305

#1	.0038364	-.003721	-.002420	-.000090	.001198	.0001100	-.000497
#2	.0018831	-.001425	.000653	-.000796	-.001061	.0085842	.000085
#3	-.002236	-.000629	-.003488	.000550	-.000309	-.004400	-.000099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000184	-.000415	-.000144	.0003520	-.002349	.0027117
Stddev	.000068	.0000355	.010545	.000178	.0003681	.001807	.0053118
%RSD	3693.178	192.5514	2540.198	123.5484	104.5766	76.94493	195.8834

#1	.000076	.0000450	-.001838	-.000111	.0007089	-.003961	.0017854
#2	-.000042	-.000022	-.010177	-.000336	-.000026	-.002692	.0084257
#3	-.000040	.000032	.010769	.000015	.000374	-.000395	-.002076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001771	.0015813	.0000678	-.000375	-.150874	-.002264	-.001930
Stddev	.0002566	.0175436	.0002588	.000294	.187627	.001627	.000229
%RSD	144.8708	1109.416	381.4507	78.41882	124.3602	71.86587	11.83906

#1	.0004587	.0131516	.0001049	-.000233	-.114858	-.002822	-.001807
#2	.0001162	-.018604	.0003061	-.000179	-.353898	-.000431	-.002194
#3	-.000044	.010197	-.000207	-.000713	.016135	-.003537	-.001791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.195545	.0006156	-.001917	.0001663	-.006216	-.000374	.0005171
Stddev	.022596	.0010036	.000942	.0002150	.003242	.000832	.0015359
%RSD	11.55526	163.0202	49.12467	129.2512	52.15354	222.6588	297.0030

#1	-.202927	.0005056	-.000906	.0002121	-.009960	-.000373	.0010252
#2	-.170182	.0016696	-.002769	.0003548	-.004321	.000458	.0017347
#3	-.213527	-.000328	-.002076	-.000068	-.004369	-.001206	-.001208

Sample Name: PB122983BL Acquired: 09/11/2019 14:18:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS983 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006381	-.001729	.0000363
Stddev	.0008575	.000695	.0000684
%RSD	134.3857	40.20993	188.4338

#1	.0015161	-.001192	-.000042
#2	.0005955	-.001481	.000066
#3	-.000197	-.002514	.000085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.301	2297.237	32786.46	5770.297	2461.457
Stddev	37.700	4.282	719.87	35.563	5.688
%RSD	2.608460	.1863993	2.195631	.6163099	.2310936

#1	1460.371	2295.314	33194.35	5773.309	2455.291
#2	1402.397	2302.144	31955.27	5733.323	2466.501
#3	1473.135	2294.254	33209.75	5804.257	2462.580

Sample Name: PB122983BS Acquired: 09/11/2019 14:22:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS983 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214979	.0473757	.0230804	.0638346	.1214668	.4166345
Stddev	.0033468	.0016730	.0010580	.0006713	.0018377	.0032848
%RSD	15.56804	3.531273	4.583810	1.051595	1.512941	.7884049

#1	.0219697	.0493072	.0234417	.0633148	.1218464	.4143716
#2	.0179403	.0464387	.0218891	.0635966	.1194689	.4151299
#3	.0245838	.0463812	.0239104	.0645925	.1230851	.4204021

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3898926	.0099016	.0099907	10.28003	F .0273678	.0978790
Stddev	.0066764	.0001506	.0000807	.19392	.0005963	.0002567
%RSD	1.712359	1.521382	.8073339	1.886372	2.178789	.2622309

#1	.3961655	.0099402	.0098999	10.44740	.0270647	.0975889
#2	.3828752	.0097354	.0100542	10.06752	.0280548	.0979719
#3	.3906371	.0100292	.0100179	10.32516	.0269840	.0980764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0425757	.2345754	.0362462	9.879820	.0831260	.0203102
Stddev	.0024114	.0044488	.0005304	.161141	.0003699	.0005593
%RSD	5.663663	1.896520	1.463430	1.631011	.4450035	2.753596

#1	.0453225	.2385367	.0368070	10.01520	.0827234	.0196645
#2	.0415975	.2297623	.0357526	9.70158	.0832035	.0206259
#3	.0408072	.2354274	.0361791	9.92268	.0834509	.0206404

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.836963	.1018508	.1221775	8.306931	F .0285039	F .0676013
Stddev	.254693	.0026098	.0016446	.183830	.0021193	.0013358
%RSD	2.589144	2.562327	1.346041	2.212970	7.435273	1.975989

#1	10.10991	.0999240	.1234951	8.432372	.0260569	.0663047
#2	9.79534	.1008076	.1203344	8.095914	.0297549	.0675261
#3	9.60565	.1048208	.1227030	8.392507	.0297000	.0689731

Sample Name: PB122983BS Acquired: 09/11/2019 14:22:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS983 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194734	.1732444	.1906049	F .0298383	.1858614	F .0672035
Stddev	.0002631	.0068684	.0027670	.0009058	.0028753	.0002988
%RSD	1.350965	3.964572	1.451688	3.035769	1.547005	.4446710

#1	.0197357	.1662624	.1929115	.0306138	.1881727	.0669022
#2	.0194750	.1799933	.1875369	.0288427	.1826416	.0672083
#3	.0192096	.1734775	.1913664	.0300583	.1867699	.0674999

Elem	Sr4077
Units	ppm
Avg	.1926116
Stddev	.0029352
%RSD	1.523891

#1	.1942988
#2	.1892223
#3	.1943136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.356	2335.220	33902.23	5941.252	2511.171
Stddev	3.910	3.087	85.58	57.497	7.131
%RSD	.2623621	.1321821	.2524443	.9677674	.2839652

#1	1485.853	2336.098	33974.98	5888.953	2517.196
#2	1492.894	2337.772	33807.93	6002.822	2513.018
#3	1492.322	2331.789	33923.79	5931.981	2503.298

Sample Name: PB122951BL Acquired: 09/11/2019 14:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS951 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024467	.0001579	-.002384	.0016688	-.000932	-.000454	.0000856
Stddev	.0012603	.0018326	.000924	.0008767	.000920	.006940	.0003430
%RSD	51.50888	1160.607	38.75595	52.53306	98.74432	1529.227	400.6001

#1	.0018821	-.001807	-.001317	.0008630	-.001785	.006916	.0004211
#2	.0038906	.000460	-.002893	.0026023	.000043	-.006866	-.000264
#3	.0015675	.001821	-.002941	.0015410	-.001054	-.001412	.000100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0000602	-.003369	.0006559	.0001740	-.002087	.0025897
Stddev	.000033	.0000355	.001815	.0002696	.0002582	.001788	.0070639
%RSD	156.5408	59.03729	53.88259	41.10456	148.3968	85.67426	272.7693

#1	.000011	.0000631	-.005388	.0009656	.0001085	-.001773	-.003681
#2	-.000054	.0000941	-.001872	.0004746	.0004586	-.004012	.010242
#3	-.000020	.0000233	-.002847	.0005273	-.000045	-.000477	.001207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002833	.0063219	.0002208	-.000356	-.021207	.0005351	-.002030
Stddev	.0001614	.0088513	.0001858	.000173	.056635	.0033115	.001202
%RSD	56.97551	140.0108	84.15223	48.55106	267.0600	618.8546	59.19707

#1	.0002433	.0121480	.0003954	-.000537	.043428	.0037865	-.000892
#2	.0004609	-.003864	.0002412	-.000338	-.044909	.0006522	-.003287
#3	.0001456	.010681	.0000256	-.000193	-.062140	-.002833	-.001912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.217498	.0031198	-.001770	.0002166	-.005313	-.000944	-.000652
Stddev	.039779	.0024460	.001358	.0004593	.001612	.001008	.000903
%RSD	18.28937	78.40117	76.70655	212.0500	30.34488	106.7968	138.5699

#1	-.200858	.0024309	-.003187	-.000052	-.004545	-.002013	-.001142
#2	-.188741	.0010922	-.001642	-.000045	-.007166	-.000808	-.001204
#3	-.262895	.0058364	-.000481	.000747	-.004229	-.000011	.000391

Sample Name: PB122951BL Acquired: 09/11/2019 14:26:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS951 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008757	-.002370	.0000210
Stddev	.0002973	.001090	.0000509
%RSD	33.94527	45.98531	242.2425

#1	.0011089	-.003012	.0000797
#2	.0005410	-.002987	-.000005
#3	.0009772	-.001112	-.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.005	2318.426	33568.04	5810.789	2477.451
Stddev	11.975	5.508	100.68	53.161	2.287
%RSD	.8042410	.2375589	.2999205	.9148725	.0922943

#1	1478.693	2324.557	33500.96	5776.770	2480.012
#2	1502.139	2316.827	33683.81	5872.049	2476.724
#3	1486.182	2313.896	33519.35	5783.547	2475.615

Sample Name: PB122951BS Acquired: 09/11/2019 14:30:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS951 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184517	.0483042	.0196416	.0628089	.1193595	.4330815
Stddev	.0032528	.0023532	.0010050	.0008382	.0005601	.0082705
%RSD	17.62867	4.871567	5.116599	1.334490	.4692639	1.909679

#1	.0221948	.0505563	.0186241	.0618411	.1195310	.4359758
#2	.0168486	.0458616	.0206336	.0632945	.1198139	.4395159
#3	.0163115	.0484948	.0196671	.0632912	.1187338	.4237529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3932719	.0100941	.0100006	10.47763	.0256182	.0991013
Stddev	.0056888	.0002346	.0000571	.08005	.0004745	.0005816
%RSD	1.446531	2.323700	.5706655	.7640253	1.852331	.5869193

#1	.3970466	.0100934	.0099347	10.52840	.0261380	.0984447
#2	.3960403	.0103290	.0100360	10.51914	.0255085	.0995519
#3	.3867288	.0098599	.0100310	10.38535	.0252082	.0993073

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421098	.2214142	.0348815	10.09575	.0844332	.0199975
Stddev	.0021355	.0041418	.0006759	.07145	.0003624	.0000588
%RSD	5.071201	1.870627	1.937803	.7076899	.4292308	.2941696

#1	.0445429	.2178392	.0348400	10.12518	.0847243	.0199322
#2	.0412400	.2204506	.0355773	10.14778	.0845481	.0200141
#3	.0405465	.2259530	.0342273	10.01429	.0840273	.0200463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.965867	.1025578	.1140307	8.559527	F .0286764	F .0676032
Stddev	.200464	.0043655	.0017650	.118151	.0021225	.0008912
%RSD	2.011504	4.256581	1.547841	1.380345	7.401400	1.318272

#1	10.19581	.1075802	.1160633	8.677217	.0293380	.0683153
#2	9.82786	.0996738	.1131433	8.560443	.0263020	.0678905
#3	9.87393	.1004194	.1128855	8.440921	.0303894	.0666038

Sample Name: PB122951BS Acquired: 09/11/2019 14:30:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS951 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196933	.1656091	.1930463	F .0303126	.1894473	F .0701597
Stddev	.0001949	.0033868	.0032351	.0016101	.0010765	.0020403
%RSD	.9895971	2.045069	1.675821	5.311588	.5682051	2.908049

#1	.0194718	.1688481	.1958267	.0321235	.1905429	.0709880
#2	.0198386	.1620917	.1938167	.0297717	.1894080	.0716555
#3	.0197694	.1658877	.1894955	.0290427	.1883910	.0678355

Elem	Sr4077
Units	ppm
Avg	.1976961
Stddev	.0006411
%RSD	.3242636

#1	.1983349
#2	.1970528
#3	.1977008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.599	2342.249	34033.67	5919.579	2508.633
Stddev	16.681	1.298	193.10	62.818	2.467
%RSD	1.113863	.0554031	.5673698	1.061183	.0983258

#1	1482.599	2342.944	33913.94	5871.716	2511.474
#2	1515.564	2343.052	34256.43	5896.311	2507.383
#3	1494.634	2340.752	33930.64	5990.711	2507.042

Sample Name: K4733-01 Acquired: 09/11/2019 14:35:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.440256	.0221532	F 170.0923	-.002767	.0181193	103.1778
Stddev	.007926	.0038778	.7243	.002569	.0018235	1.4353
%RSD	.5502864	17.50430	.4258036	92.84415	10.06411	1.391075

#1	1.443526	.0232329	169.3675	-.001016	.0200583	103.7092
#2	1.446022	.0178500	170.0933	-.005715	.0178606	101.5526
#3	1.431218	.0253766	170.8160	-.001568	.0164388	104.2716

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.044680	-.003121	1.048580	439.8445	.0698166	.0564560
Stddev	.012051	.000038	.003454	5.1901	.0009655	.0003166
%RSD	1.153530	1.218554	.3294248	1.179989	1.382897	.5608306

#1	1.044947	-.003157	1.045395	440.2478	.0694375	.0564332
#2	1.032499	-.003125	1.048094	434.4645	.0709142	.0561514
#3	1.056596	-.003081	1.052252	444.8213	.0690983	.0567834

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.087169	135.7624	F 167.1892	52.54512	.0806561	F 2.640285
Stddev	.089781	1.9530	1.8034	.70602	.0002817	.013285
%RSD	1.474927	1.438506	1.078657	1.343647	.3492424	.5031774

#1	6.134967	136.1311	167.7810	52.65916	.0806577	2.650738
#2	5.983600	133.6513	165.1642	51.78902	.0809369	2.644783
#3	6.142938	137.5046	168.6222	53.18718	.0803736	2.625335

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.584726	.5327237	F 223.1972	28.39084	7.512045	.0658604
Stddev	.182007	.0083313	3.0515	.35831	.038475	.0047198
%RSD	3.259014	1.563903	1.367183	1.262063	.5121807	7.166408

#1	5.456565	.5308176	221.0015	28.59657	7.519010	.0656397
#2	5.504557	.5255106	221.9084	27.97710	7.470563	.0612548
#3	5.793055	.5418428	226.6817	28.59884	7.546562	.0706867

Sample Name: K4733-01 Acquired: 09/11/2019 14:35:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2633143	F 303.5147	3.549157	.0115550	4.153746	.0619566
Stddev	.0008374	1.4361	.025803	.0011826	.056655	.0016396
%RSD	.3180073	.4731492	.7270288	10.23414	1.363947	2.646320
#1	.2642678	304.0251	3.575137	.0103327	4.167394	.0611959
#2	.2626987	301.8932	3.523534	.0126934	4.091514	.0608356
#3	.2629763	304.6260	3.548801	.0116388	4.202331	.0638384

Elem	Sr4077
Units	ppm
Avg	.5964310
Stddev	.0087383
%RSD	1.465097
#1	.6025030
#2	.5864160
#3	.6003740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.429	2537.394	36806.33	6610.479	2234.592
Stddev	12.945	9.139	80.48	46.928	4.047
%RSD	.8068196	.3601749	.2186711	.7098990	.1810982
#1	1617.496	2526.917	36890.39	6593.902	2237.834
#2	1604.182	2541.538	36729.98	6663.446	2235.885
#3	1591.609	2543.726	36798.63	6574.090	2230.057

Sample Name: K4733-02 Acquired: 09/11/2019 14:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357116	.0138243	F 130.1659	.0422436	.0323789	86.24514
Stddev	.013426	.0023927	.1962	.0009334	.0037289	.15084
%RSD	.5695820	17.30822	.1507052	2.209634	11.51648	.1748966

#1	2.369183	.0159354	130.0244	.0413038	.0309421	86.10218
#2	2.342654	.0112252	130.0834	.0422565	.0366125	86.23046
#3	2.359511	.0143124	130.3898	.0431705	.0295821	86.40278

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004294	.0015633	F 5.400768	431.1693	.0407131	.0653342
Stddev	.007316	.0001019	.007958	2.5023	.0004187	.0002813
%RSD	.7284854	6.516571	.1473413	.5803460	1.028313	.4305688

#1	1.000859	.0016630	5.399335	428.5289	.0411696	.0653033
#2	.999328	.0014594	5.393624	431.4735	.0406227	.0650696
#3	1.012696	.0015675	5.409345	433.5056	.0403470	.0656297

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.093153	152.7338	F 100.9875	38.03067	.0794938	1.179610
Stddev	.009712	.5216	.4156	.19618	.0007193	.003598
%RSD	.1369253	.3414944	.4115789	.5158380	.9048881	.3049859

#1	7.093361	152.1954	100.5177	37.84334	.0795550	1.176724
#2	7.083339	152.7692	101.1374	38.01402	.0787459	1.183641
#3	7.102760	153.2367	101.3073	38.23464	.0801806	1.178465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.259835	.4056614	F 206.0895	21.93113	7.456076	.0496089
Stddev	.147949	.0045948	1.0265	.04626	.035770	.0010663
%RSD	1.597747	1.132678	.4981003	.2109151	.4797401	2.149345

#1	9.178798	.4041288	206.2686	21.93954	7.462648	.0483783
#2	9.170109	.4020287	204.9852	21.97260	7.417476	.0501902
#3	9.430598	.4108266	207.0147	21.88124	7.488105	.0502583

Sample Name: K4733-02 Acquired: 09/11/2019 14:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2347816	F 322.8678	3.587987	.0089683	3.480773	.1329755
Stddev	.0004732	.6670	.011421	.0024347	.003028	.0010837
%RSD	.2015707	.2065833	.3183130	27.14835	.0869853	.8149857

#1	.2351828	322.9208	3.598411	.0075491	3.477277	.1318266
#2	.2342597	322.1758	3.589772	.0117797	3.482502	.1331202
#3	.2349025	323.5067	3.575779	.0075761	3.482540	.1339796

Elem	Sr4077
Units	ppm
Avg	.7113518
Stddev	.0000815
%RSD	.0114594

#1	.7112897
#2	.7114441
#3	.7113217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.788	2550.811	37018.34	6582.776	2273.312
Stddev	7.207	4.935	220.80	28.218	3.689
%RSD	.4508045	.1934604	.5964607	.4286686	.1622682

#1	1602.467	2545.492	37239.29	6612.962	2274.741
#2	1603.414	2555.241	37018.05	6578.308	2276.073
#3	1590.484	2551.700	36797.69	6557.058	2269.122

Sample Name: K4733-03 Acquired: 09/11/2019 14:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.192036	.0665029	F 415.2702	.0955714	.1377168	27.74547
Stddev	.005103	.0004867	1.2172	.0019931	.0020085	.10615
%RSD	.0982772	.7318903	.2931162	2.085479	1.458452	.3825766

#1	5.191538	.0664490	413.9500	.0946573	.1362359	27.69654
#2	5.197369	.0670144	415.5126	.0941993	.1369114	27.67261
#3	5.187201	.0660454	416.3479	.0978576	.1400030	27.86726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5660451	-.000094	1.161455	14.37119	-.011283	.0244619
Stddev	.0032567	.000105	.003294	.09678	.000829	.0004694
%RSD	.5753380	111.0773	.2836289	.6734301	7.351049	1.918741

#1	.5659410	-.000094	1.157656	14.36592	-.010325	.0239509
#2	.5628417	.000010	1.163515	14.27715	-.011766	.0245609
#3	.5693526	-.000199	1.163194	14.47050	-.011757	.0248738

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.618058	233.7200	F 145.5457	5.933359	.0284467	1.643697
Stddev	.014549	1.1488	1.0980	.037337	.0005026	.007994
%RSD	.1688188	.4915489	.7543776	.6292660	1.766784	.4863263

#1	8.619668	233.2619	144.6353	5.898860	.0290217	1.652871
#2	8.602772	232.8708	145.2368	5.928216	.0280912	1.639995
#3	8.631735	235.0272	146.7651	5.973000	.0282271	1.638226

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286334	.8939325	F 157.5270	7.287504	F 19.01527	.0002162
Stddev	.085077	.0072103	.6652	.024443	.05901	.0024710
%RSD	6.613932	.8065860	.4223065	.3354148	.3103515	1142.902

#1	1.384533	.8974007	158.2365	7.307013	19.05302	.0015314
#2	1.234811	.8856434	156.9172	7.295413	19.04552	-.002634
#3	1.239658	.8987534	157.4274	7.260085	18.94726	.001751

Sample Name: K4733-03 Acquired: 09/11/2019 14:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.304094	F 192.2690	1.195429	.2275615	.2473334	.0202657
Stddev	.001405	.5885	.009174	.0004483	.0014697	.0009610
%RSD	.1077703	.3061013	.7674152	.1969816	.5942060	4.742128
#1	1.303417	192.4034	1.185624	.2280155	.2463758	.0206351
#2	1.305710	192.7786	1.196860	.2271192	.2465989	.0191748
#3	1.303155	191.6248	1.203804	.2275498	.2490255	.0209872

Elem	Sr4077
Units	ppm
Avg	.6886951
Stddev	.0014421
%RSD	.2093946
#1	.6901340
#2	.6872498
#3	.6887015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.685	4258.613	62343.05	10864.96	2401.905
Stddev	9.801	6.143	413.17	26.17	6.926
%RSD	.3619645	.1442432	.6627384	.2408682	.2883339
#1	2698.809	4265.596	61866.17	10891.30	2409.640
#2	2706.043	4254.047	62569.26	10838.96	2399.792
#3	2718.203	4256.195	62593.72	10864.63	2396.281

Sample Name: K4733-04 Acquired: 09/11/2019 14:47:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555017	.0031179	44.14331	.0035633	.0520827	69.45423
Stddev	.003794	.0042232	.08005	.0013127	.0012219	.42589
%RSD	.2439570	135.4500	.1813383	36.83812	2.346044	.6131973

#1	1.552822	.0074424	44.23516	.0049753	.0508429	69.14193
#2	1.552832	.0029077	44.10631	.0033345	.0521194	69.93937
#3	1.559397	-.000996	44.08845	.0023801	.0532858	69.28140

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.196881	.0033774	.2564291	325.6185	.0421359	.0451785
Stddev	.012368	.0000286	.0003174	2.8403	.0002493	.0001473
%RSD	1.033395	.8462423	.1237665	.8722631	.5917265	.3259677

#1	1.187740	.0033975	.2562324	323.5477	.0424084	.0451980
#2	1.210954	.0033900	.2562597	328.8564	.0419192	.0450225
#3	1.191948	.0033447	.2567952	324.4514	.0420801	.0453151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.847030	135.0075	F 72.58103	45.84191	.0623960	.5144660
Stddev	.007776	.9898	.78509	.33173	.0007399	.0031079
%RSD	.1604308	.7331754	1.081673	.7236406	1.185800	.6041122

#1	4.838153	134.2409	71.68114	45.57321	.0631952	.5116983
#2	4.852638	136.1250	73.12590	46.21268	.0617348	.5178282
#3	4.850299	134.6567	72.93606	45.73982	.0622581	.5138714

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.815160	.3758108	F 43.05604	13.93743	8.796379	.0286172
Stddev	.227397	.0038200	.27043	.04581	.021714	.0011646
%RSD	3.910414	1.016477	.6280871	.3286887	.2468536	4.069465

#1	5.999726	.3738560	42.74845	13.90633	8.819382	.0272730
#2	5.561134	.3802127	43.25649	13.99004	8.776238	.0293206
#3	5.884621	.3733638	43.16317	13.91592	8.793518	.0292581

Sample Name: K4733-04 Acquired: 09/11/2019 14:47:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657262	20.62017	1.928061	.3693968	2.153906	.0406941
Stddev	.0004142	.04459	.011417	.0014502	.013094	.0010395
%RSD	.2499249	.2162372	.5921746	.3925760	.6079138	2.554335
#1	.1658041	20.66695	1.925785	.3704420	2.143764	.0399178
#2	.1652786	20.61540	1.940445	.3700072	2.168688	.0418750
#3	.1660959	20.57816	1.917953	.3677412	2.149265	.0402894

Elem	Sr4077
Units	ppm
Avg	.5364774
Stddev	.0011257
%RSD	.2098224
#1	.5352904
#2	.5375296
#3	.5366121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.150	2697.946	38704.23	6959.599	2324.547
Stddev	9.445	7.345	116.30	29.227	2.689
%RSD	.5574938	.2722345	.3004838	.4199469	.1156792
#1	1703.580	2702.000	38835.92	6981.932	2321.542
#2	1694.181	2702.370	38661.17	6926.521	2326.726
#3	1684.690	2689.468	38615.61	6970.343	2325.374

Sample Name: K4733-05 Acquired: 09/11/2019 14:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.810576	.0106903	F 223.5157	.1245726	.0435115	103.3629
Stddev	.010582	.0048347	.3547	.0042789	.0024915	.2009
%RSD	.3765027	45.22469	.1586823	3.434845	5.726071	.1943630

#1	2.815138	.0144296	223.5336	.1250714	.0416429	103.4055
#2	2.818112	.0124106	223.1525	.1200661	.0463402	103.1441
#3	2.798479	.0052308	223.8612	.1285801	.0425514	103.5391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.173462	.0016729	2.712952	475.2556	.0505569	.0629942
Stddev	.003654	.0001405	.002319	1.5745	.0006639	.0001458
%RSD	.3114217	8.396451	.0854928	.3312929	1.313231	.2315116

#1	1.175914	.0016296	2.711738	475.2223	.0504881	.0629949
#2	1.169262	.0015592	2.711492	473.6980	.0512526	.0628481
#3	1.175210	.0018299	2.715627	476.8464	.0499301	.0631397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.454893	139.3085	F 105.9946	48.11060	.0735770	2.314756
Stddev	.027477	.6069	.3548	.16680	.0001529	.015079
%RSD	.4256817	.4356181	.3347697	.3466941	.2078666	.6514430

#1	6.463459	139.3552	106.0703	48.11742	.0737162	2.332147
#2	6.424153	138.6796	105.6080	47.94050	.0734133	2.305322
#3	6.477067	139.8906	106.3055	48.27389	.0736016	2.306798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.352941	.4410538	F 107.5316	21.14261	6.804395	.0525832
Stddev	.094221	.0020797	.7522	.07753	.010411	.0017308
%RSD	1.281403	.4715185	.6994865	.3667172	.1529977	3.291501

#1	7.260264	.4402234	108.0788	21.09535	6.800780	.0514391
#2	7.448633	.4434203	106.6739	21.10039	6.796273	.0517362
#3	7.349924	.4395176	107.8421	21.23209	6.816131	.0545744

Sample Name: K4733-05 Acquired: 09/11/2019 14:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4938557	F 282.0266	3.084477	.0300514	3.969842	.0656333
Stddev	.0005259	.2788	.019105	.0005923	.016268	.0006770
%RSD	.1064832	.0988566	.6193873	1.971029	.4097985	1.031548
#1	.4944619	281.7403	3.064771	.0295511	3.974212	.0660141
#2	.4935214	282.2972	3.102918	.0307054	3.951835	.0648516
#3	.4935839	282.0424	3.085744	.0298976	3.983479	.0660343

Elem	Sr4077
Units	ppm
Avg	.7185739
Stddev	.0002544
%RSD	.0354061
#1	.7188639
#2	.7184699
#3	.7183880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.395	2547.253	37145.61	6603.643	2263.693
Stddev	5.137	4.032	252.49	7.938	5.382
%RSD	.3197681	.1582989	.6797192	.1202081	.2377673
#1	1600.615	2548.003	36864.96	6602.438	2262.403
#2	1610.439	2550.858	37354.31	6612.114	2269.604
#3	1608.130	2542.899	37217.56	6596.375	2259.074

Sample Name: K4733-06 Acquired: 09/11/2019 14:55:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.222771	.0174997	F 123.8398	.0399219	.0279535	103.4146
Stddev	.006183	.0020147	.0942	.0021886	.0025150	.3742
%RSD	.2781556	11.51281	.0760399	5.482189	8.997240	.3618899

#1	2.229429	.0178703	123.9306	.0388461	.0256186	103.1937
#2	2.221676	.0153254	123.7426	.0384794	.0306165	103.8467
#3	2.217210	.0193034	123.8462	.0424402	.0276254	103.2034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.208018	.0018932	2.637919	345.3604	.0551891	.0665885
Stddev	.012004	.0000649	.004150	2.0198	.0008276	.0003551
%RSD	.9937291	3.427413	.1573212	.5848480	1.499628	.5333209

#1	1.196669	.0018722	2.642609	343.9419	.0560293	.0663625
#2	1.220585	.0019660	2.634725	347.6730	.0543747	.0669978
#3	1.206800	.0018414	2.636422	344.4663	.0551632	.0664051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.987682	153.0820	F 108.8666	44.97972	.0838747	1.134945
Stddev	.008627	.8732	.6264	.22178	.0004397	.000982
%RSD	.1440794	.5704343	.5754047	.4930745	.5242245	.0865459

#1	5.997026	152.7191	108.3508	44.85126	.0839400	1.133863
#2	5.986003	154.0782	109.5637	45.23582	.0842780	1.135190
#3	5.980019	152.4487	108.6853	44.85210	.0834060	1.135781

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.059353	.4469714	F 198.2570	20.98350	8.432689	.0479268
Stddev	.075719	.0006603	.9812	.02156	.023261	.0025479
%RSD	1.072602	.1477389	.4949215	.1027544	.2758392	5.316145

#1	6.998761	.4462292	198.0218	20.97020	8.408158	.0480310
#2	7.035062	.4471909	199.3345	20.97191	8.454427	.0504210
#3	7.144237	.4474940	197.4148	21.00838	8.435484	.0453285

Sample Name: K4733-06 Acquired: 09/11/2019 14:55:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2025879	F 223.2486	3.658013	.0093862	3.998132	.0953438
Stddev	.0007309	.3434	.018023	.0018004	.013957	.0007672
%RSD	.3607647	.1538230	.4927058	19.18178	.3490960	.8046626

#1	.2033211	222.9783	3.638025	.0073092	3.993090	.0948435
#2	.2018594	223.6350	3.673026	.0103446	4.013910	.0962271
#3	.2025831	223.1325	3.662989	.0105046	3.987396	.0949609

Elem	Sr4077
Units	ppm
Avg	.7069103
Stddev	.0018817
%RSD	.2661911

#1	.7060897
#2	.7090630
#3	.7055783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1685.417	2680.077	38640.67	6870.154	2283.725
Stddev	15.209	3.310	133.50	36.083	3.601
%RSD	.9024079	.1235032	.3455030	.5252098	.1576801

#1	1694.418	2676.272	38664.28	6894.453	2280.157
#2	1667.856	2682.293	38496.93	6828.693	2287.358
#3	1693.976	2681.666	38760.79	6887.316	2283.660

Sample Name: K4733-07 Acquired: 09/11/2019 15:00:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3820122	-.000479	5.234942	-.000308	.0029393	29.18081	.5123028
Stddev	.0002792	.002683	.009664	.000578	.0008789	.01775	.0043199
%RSD	.0730841	559.8790	.1845969	187.4503	29.90038	.0608400	.8432370

#1	.3823276	-.003427	5.225235	.000330	.0021531	29.17688	.5115899
#2	.3819123	.001822	5.235031	-.000458	.0027767	29.16536	.5169349
#3	.3817967	.000167	5.244561	-.000796	.0038882	29.20020	.5083838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040368	.0245050	10.67391	.0252414	.0205561	.8091888	56.72934
Stddev	.0000399	.0001014	.05246	.0002554	.0001923	.0019570	.12528
%RSD	.9880615	.4138416	.4915065	1.011824	.9354791	.2418451	.2208381

#1	.0039913	.0245055	10.65669	.0253175	.0207623	.8071140	56.60638
#2	.0040529	.0244033	10.73282	.0249566	.0203818	.8094507	56.85682
#3	.0040660	.0246062	10.63223	.0254501	.0205241	.8110016	56.72484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.529940	6.655439	.0228499	.0544065	.4494968	.1290165	3.228980
Stddev	.015075	.003744	.0004608	.0294169	.1475131	.0009262	.036432
%RSD	.2308542	.0562596	2.016614	54.06868	32.81738	.7179084	1.128293

#1	6.517437	6.659726	.0231567	.0883741	.5975239	.1292774	3.263462
#2	6.546680	6.652809	.0223200	.0375210	.4484633	.1297843	3.190869
#3	6.525702	6.653781	.0230729	.0373246	.3025032	.1279878	3.232609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.570317	2.816211	-.001796	.0261154	.9401030	1.168313	.0132353
Stddev	.039121	.021346	.001316	.0001554	.0015847	.007018	.0016594
%RSD	.8559730	.7579831	73.25120	.5949435	.1685626	.6007073	12.53788

#1	4.562497	2.840688	-.001838	.0259454	.9418861	1.160759	.0114715
#2	4.535697	2.806491	-.003091	.0261509	.9388555	1.174631	.0134690
#3	4.612757	2.801456	-.000460	.0262500	.9395674	1.169548	.0147656

Sample Name: K4733-07 Acquired: 09/11/2019 15:00:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FG2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5859470	.0390957	.0692635
Stddev	.0009296	.0003571	.0003296
%RSD	.1586582	.9134670	.4759271

#1	.5848867	.0389278	.0692859
#2	.5863321	.0395058	.0689232
#3	.5866222	.0388534	.0695813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.203	3005.867	43150.17	7543.753	2513.718
Stddev	4.398	3.623	358.33	43.321	6.924
%RSD	.2313079	.1205368	.8304276	.5742688	.2754578

#1	1896.283	3009.791	42754.21	7583.848	2520.928
#2	1904.750	3005.160	43452.13	7497.801	2513.108
#3	1902.576	3002.649	43244.16	7549.610	2507.120

Sample Name: K4733-08 Acquired: 09/11/2019 15:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.995904	.0074720	F 128.6574	.0328789	.0653390	33.49509
Stddev	.005624	.0033228	.1619	.0028282	.0005338	.06527
%RSD	.1877366	44.46974	.1258059	8.601738	.8170009	.1948774

#1	2.999435	.0095249	128.5523	.0299449	.0654889	33.47809
#2	2.989418	.0092527	128.5760	.0355877	.0647462	33.44000
#3	2.998859	.0036384	128.8438	.0331041	.0657818	33.56719

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4607299	.0058953	.2070226	10.22583	.0070330	.0257428
Stddev	.0034509	.0002065	.0002820	.06391	.0007541	.0002993
%RSD	.7490023	3.502294	.1361905	.6249605	10.72300	1.162827

#1	.4578488	.0059159	.2067860	10.16073	.0065390	.0260879
#2	.4597866	.0060907	.2069473	10.22829	.0066590	.0255866
#3	.4645544	.0056793	.2073346	10.28847	.0079011	.0255538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.490055	151.0771	F 63.94548	6.364029	.0369375	1.232517
Stddev	.013772	.1170	.43097	.009933	.0003692	.004017
%RSD	.2508552	.0774562	.6739627	.1560733	.9995314	.3259550

#1	5.503307	151.2089	64.35382	6.357424	.0370568	1.235619
#2	5.475816	151.0374	63.98765	6.375452	.0372323	1.233952
#3	5.491041	150.9852	63.49498	6.359211	.0365234	1.227978

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4587309	.5384402	F 43.95523	6.634516	9.487216	-.001644
Stddev	.2328432	.0057441	.48124	.023961	.014860	.001128
%RSD	50.75812	1.066796	1.094835	.3611494	.1566274	68.58408

#1	.6847725	.5383873	44.51077	6.644398	9.472319	-.000376
#2	.2196354	.5327227	43.66645	6.651956	9.487292	-.002022
#3	.4717849	.5442105	43.68848	6.607196	9.502038	-.002534

Sample Name: K4733-08 Acquired: 09/11/2019 15:03:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FG3 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8042780	30.97430	1.354644	.2848902	.3092956	.0439038
Stddev	.0022926	.04865	.011566	.0011621	.0016557	.0004836
%RSD	.2850526	.1570671	.8537972	.4078946	.5353220	1.101458
#1	.8064183	31.03047	1.341342	.2858112	.3111965	.0433454
#2	.8018586	30.94653	1.360273	.2852747	.3085225	.0441827
#3	.8045572	30.94590	1.362318	.2835846	.3081679	.0441834

Elem	Sr4077
Units	ppm
Avg	.1912123
Stddev	.0003726
%RSD	.1948595
#1	.1914386
#2	.1907823
#3	.1914160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.170	3540.437	50881.39	8921.219	2479.324
Stddev	18.782	7.683	304.27	32.513	4.758
%RSD	.8417952	.2169984	.5979919	.3644413	.1918891
#1	2213.160	3538.890	50625.86	8940.782	2482.231
#2	2229.712	3548.776	50800.33	8883.688	2481.908
#3	2250.639	3533.646	51217.98	8939.188	2473.834

Sample Name: K4733-09 Acquired: 09/11/2019 15:08:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.430608	.0043154	45.68311	.0213570	.0228227	43.40682
Stddev	.008018	.0018207	.03469	.0011690	.0014283	.20073
%RSD	.5604766	42.19006	.0759430	5.473609	6.258416	.4624325

#1	1.433843	.0034593	45.64364	.0217978	.0232431	43.50201
#2	1.421478	.0030806	45.69689	.0200316	.0239936	43.17621
#3	1.436504	.0064063	45.70879	.0222414	.0212313	43.54224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8263594	.0065097	.1756393	31.48978	.0287101	.0305762
Stddev	.0091906	.0000336	.0000551	.31022	.0003524	.0001183
%RSD	1.112173	.5162676	.0313454	.9851562	1.227315	.3868142

#1	.8342141	.0064960	.1756443	31.70862	.0284030	.0304924
#2	.8162519	.0064851	.1755819	31.13476	.0290948	.0307115
#3	.8286122	.0065480	.1756917	31.62597	.0286325	.0305247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.613734	83.68860	F 31.49601	12.08413	.0457456	.2404077
Stddev	.007452	.53274	.25459	.05881	.0001457	.0005910
%RSD	.2062212	.6365785	.8083181	.4866428	.3184469	.2458325

#1	3.611751	83.92071	31.65250	12.11640	.0458798	.2397928
#2	3.607475	83.07918	31.20225	12.01625	.0455907	.2404588
#3	3.621978	84.06592	31.63328	12.11973	.0457663	.2409715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9288296	.1906291	19.41265	8.401374	7.306991	.0063256
Stddev	.1439314	.0022666	.07221	.054234	.022482	.0012306
%RSD	15.49600	1.189022	.3719672	.6455332	.3076754	19.45483

#1	.7665979	.1913823	19.47832	8.346805	7.281121	.0057090
#2	1.041201	.1880818	19.42430	8.402053	7.321797	.0077427
#3	.978690	.1924232	19.33532	8.455266	7.318055	.0055251

Sample Name: K4733-09 Acquired: 09/11/2019 15:08:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FG4 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900996	7.256489	1.866988	.0246899	.5334150	.0221094
Stddev	.0000981	.021288	.019459	.0017121	.0050167	.0004831
%RSD	.1088617	.2933691	1.042248	6.934550	.9404914	2.185009

#1	.0901437	7.231908	1.877525	.0263680	.5365933	.0218078
#2	.0901680	7.268927	1.844533	.0247561	.5276317	.0218537
#3	.0899872	7.268632	1.878906	.0229457	.5360200	.0226665

Elem	Sr4077
Units	ppm
Avg	.1565556
Stddev	.0001030
%RSD	.0657698

#1	.1564401
#2	.1566376
#3	.1565891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.067	3355.432	48341.09	8461.168	2499.905
Stddev	10.547	7.242	110.16	94.079	4.668
%RSD	.4998238	.2158359	.2278828	1.111895	.1867073

#1	2098.019	3359.993	48253.02	8408.112	2501.830
#2	2117.628	3347.081	48464.61	8569.792	2494.583
#3	2114.555	3359.221	48305.65	8405.600	2503.303

Sample Name: K4733-10 Acquired: 09/11/2019 15:11:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FG5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8834960	-.000802	6.264704	.0018996	.0082620	34.40394	.3216556
Stddev	.0054195	.002594	.009484	.0013878	.0012890	.09654	.0039462
%RSD	.6134101	323.3501	.1513916	73.05594	15.60165	.2806166	1.226832

#1	.8896360	-.002832	6.275314	.0015835	.0093675	34.37598	.3218819
#2	.8814725	.002120	6.257049	.0006972	.0085724	34.51137	.3254837
#3	.8793793	-.001695	6.261748	.0034182	.0068462	34.32446	.3176011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046338	.0114349	6.980994	.0257347	.0155088	1.251625	55.85011
Stddev	.0000645	.0001742	.084594	.0003449	.0000634	.003873	.32538
%RSD	1.392103	1.523544	1.211770	1.340165	.4086333	.3094137	.5826016

#1	.0045593	.0114615	6.978549	.0257353	.0155268	1.249886	55.84933
#2	.0046705	.0112490	7.066783	.0253894	.0154384	1.256062	56.17588
#3	.0046716	.0115944	6.897649	.0260792	.0155613	1.248926	55.52512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967556	5.773190	.0199759	.0416742	.0733925	.1112515	1.709242
Stddev	.038169	.031413	.0005180	.0003303	.1860092	.0018966	.020554
%RSD	.7683576	.5441233	2.592929	.7926064	253.4443	1.704764	1.202495

#1	4.971231	5.777139	.0195970	.0420080	-.141161	.1119163	1.731222
#2	5.003754	5.802443	.0197645	.0413475	.189308	.1127262	1.690500
#3	4.927683	5.739990	.0205661	.0416672	.172030	.1091120	1.706005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.895050	3.404597	-.002801	.0246478	.7125879	1.072907	.0169376
Stddev	.049809	.009097	.000936	.0004660	.0006756	.015132	.0009332
%RSD	1.278767	.2671964	33.39888	1.890589	.0948164	1.410350	5.509486

#1	3.909633	3.401906	-.001778	.0248093	.7127067	1.063476	.0164816
#2	3.935939	3.414736	-.003613	.0241226	.7118607	1.090361	.0180111
#3	3.839578	3.397149	-.003014	.0250116	.7131962	1.064885	.0163200

Sample Name: K4733-10 Acquired: 09/11/2019 15:11:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4857048	.0137834	.0528411
Stddev	.0023223	.0006541	.0001261
%RSD	.4781387	4.745510	.2385658

#1	.4832394	.0133473	.0527515
#2	.4878510	.0145355	.0529852
#3	.4860240	.0134675	.0527866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.772	3090.591	44591.12	7775.210	2522.126
Stddev	22.580	1.633	283.26	76.550	2.562
%RSD	1.153330	.0528462	.6352464	.9845347	.1015618

#1	1931.900	3092.456	44366.79	7773.000	2522.800
#2	1973.509	3089.899	44909.43	7699.790	2519.295
#3	1967.906	3089.417	44497.14	7852.841	2524.283

Sample Name: CCV061 Acquired: 09/11/2019 15:15:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.029633	5.057729	24.75944	4.758422	5.032705	406.2646	10.05398
Stddev	.011048	.008076	.04031	.019223	.018175	2.3745	.08716
%RSD	.2196580	.1596841	.1628054	.4039848	.3611382	.5844751	.8669382

#1	5.020109	5.051609	24.77440	4.758682	5.015536	403.5362	9.98601
#2	5.041745	5.066883	24.79013	4.777514	5.051742	407.8635	10.15225
#3	5.027043	5.054695	24.71379	4.739070	5.030837	407.3941	10.02367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5146904	2.439052	413.4197	15.36442	2.515375	15.16878	410.4018
Stddev	.0025372	.006624	4.0742	.02803	.003956	.05353	3.2175
%RSD	.4929649	.2715762	.9854761	.1824618	.1572618	.3528741	.7839815

#1	.5118454	2.442651	409.8174	15.38363	2.518054	15.10719	406.9293
#2	.5167188	2.443096	417.8412	15.33225	2.517239	15.20412	413.2819
#3	.5155070	2.431407	412.6005	15.37738	2.510831	15.19502	410.9941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17056	408.2352	2.560746	1.297362	401.0015	2.475121	14.40815
Stddev	.12350	3.3338	.001807	.002140	2.3846	.010002	.05124
%RSD	.8140644	.8166326	.0705720	.1649355	.5946558	.4041172	.3556409

#1	15.04352	404.6757	2.561414	1.295656	398.5854	2.463626	14.35163
#2	15.29018	411.2845	2.562124	1.299763	403.3532	2.481841	14.42125
#3	15.17798	408.7453	2.558700	1.296666	401.0660	2.479896	14.45157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.4952	5.469172	5.041757	4.938361	5.115017	5.039695	5.043538
Stddev	.4878	.027102	.038450	.007132	.033164	.031620	.003634
%RSD	.3077939	.4955423	.7626343	.1444133	.6483711	.6274092	.0720431

#1	157.9514	5.498832	5.000002	4.936584	5.152801	5.003730	5.046620
#2	158.6395	5.445697	5.075704	4.946213	5.090727	5.063123	5.044462
#3	158.8946	5.462986	5.049565	4.932286	5.101522	5.052234	5.039532

Sample Name: CCV061 Acquired: 09/11/2019 15:15:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.058821	5.261967	5.042360
Stddev	.031735	.060484	.021779
%RSD	.6273287	1.149450	.4319128

#1	5.023503	5.209835	5.020509
#2	5.084942	5.328281	5.064066
#3	5.068019	5.247784	5.042506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.874	2004.305	29995.83	5538.856	2084.516
Stddev	6.046	6.468	49.37	40.379	6.217
%RSD	.4927800	.3226836	.1645840	.7290124	.2982308

#1	1228.927	2004.849	29994.35	5574.872	2081.480
#2	1220.070	1997.582	29947.22	5495.204	2080.400
#3	1231.627	2010.483	30045.92	5546.491	2091.667

Sample Name: CCB061 Acquired: 09/11/2019 15:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035980	-.000247	.0081293	.0000087	-.000814	.0103492	.0011244
Stddev	.0019422	.001162	.0015703	.0029875	.001415	.0037427	.0006445
%RSD	53.97922	470.3083	19.31663	34258.88	173.7483	36.16390	57.32166

#1	.0057128	-.001459	.0099423	-.003424	.000223	.0130250	.0014982
#2	.0018942	-.000139	.0072443	.002019	-.002426	.0060723	.0003802
#3	.0031871	.000857	.0072012	.001432	-.000240	.0119503	.0014949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	.0001232	.0065191	-.000433	.0003097	.0004351	.0206648
Stddev	.0000550	.0000523	.0015317	.000558	.0000990	.0013912	.0129308
%RSD	244.3385	42.48638	23.49524	128.9875	31.97575	319.7443	62.57402

#1	-.000038	.0001551	.0063432	-.000118	.0002010	-.001135	.0234604
#2	.000036	.0001516	.0050830	-.001077	.0003949	.001513	.0065649
#3	.000070	.0000628	.0081311	-.000103	.0003330	.000927	.0319691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009334	.0256616	-.000216	.0006430	.1105256	-.000262	.0030163
Stddev	.0001583	.0085886	.000301	.0001039	.1922546	.001893	.0012258
%RSD	16.96158	33.46884	139.8048	16.15796	173.9457	722.6817	40.63933

#1	.0008233	.0300733	-.000472	.0006703	.2503326	.000605	.0033724
#2	.0008621	.0311477	.000116	.0005282	.1899618	-.002434	.0016519
#3	.0011148	.0157637	-.000291	.0007305	-.108717	.001042	.0040247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091704	.0034038	.0077733	.0010442	.0017093	.0009041	.0005470
Stddev	.055877	.0025292	.0010193	.0003613	.0026946	.0008593	.0012076
%RSD	60.93186	74.30683	13.11302	34.59829	157.6423	95.03844	220.7840

#1	-.138658	.0049074	.0088725	.0013844	.0008000	.0008705	.0004011
#2	-.106551	.0004837	.0075880	.0010833	-.000413	.0017797	-.000581
#3	-.029903	.0048202	.0068593	.0006650	.004741	.0000621	.001821

Sample Name: CCB061 Acquired: 09/11/2019 15:19:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006851	.0005527	.0001261
Stddev	.0007701	.0011790	.0000335
%RSD	112.4019	213.3261	26.53432

#1	.0003426	-.000230	.0001624
#2	.0001457	-.000021	.0001194
#3	.0015671	.001909	.0000965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.828	2343.987	33733.18	5817.979	2499.891
Stddev	5.615	2.058	208.76	19.241	3.079
%RSD	.3771293	.0878126	.6188696	.3307104	.1231733

#1	1492.710	2345.665	33879.26	5819.216	2503.443
#2	1482.390	2341.690	33494.07	5798.150	2498.244
#3	1491.384	2344.607	33826.20	5836.572	2497.986

Sample Name: K4733-11 Acquired: 09/11/2019 15:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8243913	.0041880	10.83049	.0418614	.0180055	54.90421
Stddev	.0068475	.0011731	.02736	.0010052	.0012793	.26487
%RSD	.8306077	28.01099	.2526631	2.401175	7.104818	.4824298

#1	.8172950	.0037162	10.82313	.0429636	.0194806	54.97864
#2	.8309593	.0033242	10.80756	.0409954	.0171995	54.61008
#3	.8249195	.0055235	10.86078	.0416252	.0173365	55.12390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.927080	.0050081	.2143279	659.4136	.0911402	.0580486
Stddev	.027349	.0000635	.0002929	3.7140	.0010218	.0002930
%RSD	1.419187	1.268090	.1366410	.5632305	1.121099	.5047326

#1	1.931189	.0050530	.2142755	661.0931	.0912750	.0580508
#2	1.897909	.0050359	.2140647	655.1565	.0920878	.0577546
#3	1.952142	.0049354	.2146434	661.9913	.0900577	.0583405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.172047	154.9916	F 35.57716	113.7052	.0817113	.3066437
Stddev	.007403	1.1028	.34631	.7787	.0005380	.0002118
%RSD	.3408431	.7114964	.9733990	.6848479	.6584767	.0690766

#1	2.180544	155.4507	35.72272	114.0113	.0820604	.3064031
#2	2.166987	153.7335	35.18183	112.8199	.0810917	.3068022
#3	2.168610	155.7907	35.82692	114.2843	.0819818	.3067259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.261277	.4305691	18.24770	25.98473	4.524124	.0268703
Stddev	.069145	.0065713	.05353	.06260	.023854	.0015110
%RSD	.9522460	1.526199	.2933437	.2408964	.5272522	5.623513

#1	7.307944	.4278985	18.20055	26.05612	4.500176	.0263872
#2	7.294048	.4257535	18.30589	25.93925	4.524314	.0285638
#3	7.181839	.4380553	18.23667	25.95882	4.547882	.0256598

Sample Name: K4733-11 Acquired: 09/11/2019 15:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533969	24.89753	4.669310	.0011582	3.348466	.0700463
Stddev	.0001275	.04436	.053773	.0024364	.013108	.0022322
%RSD	.2386938	.1781752	1.151616	210.3703	.3914701	3.186746

#1	.0533183	24.85708	4.712136	-.001645	3.350679	.0707061
#2	.0533284	24.89055	4.608962	.002350	3.334392	.0675586
#3	.0535440	24.94497	4.686833	.002769	3.360327	.0718742

Elem	Sr4077
Units	ppm
Avg	.6009665
Stddev	.0015866
%RSD	.2640107

#1	.6019212
#2	.5991350
#3	.6018433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.740	2449.112	35352.76	6390.468	2247.188
Stddev	7.144	3.711	86.22	65.573	3.032
%RSD	.4633571	.1515221	.2438915	1.026110	.1349109

#1	1533.631	2447.253	35283.09	6345.422	2245.422
#2	1544.486	2453.385	35449.19	6465.698	2250.688
#3	1547.103	2446.698	35325.99	6360.283	2245.452

Sample Name: K4733-12 Acquired: 09/11/2019 15:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7564661	.0013187	19.75908	.0097418	.0143114	50.84224	.5345620
Stddev	.0013451	.0016954	.04293	.0001056	.0006860	.15711	.0067685
%RSD	.1778155	128.5629	.2172622	1.084031	4.793552	.3090236	1.266183

#1	.7550141	.0017523	19.76617	.0097827	.0150854	51.00251	.5409757
#2	.7567144	-.000551	19.71305	.0098208	.0137784	50.83574	.5352231
#3	.7576697	.002755	19.79803	.0096219	.0140703	50.68848	.5274872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079255	.0883328	24.98796	.0249715	.0329133	2.899096	86.99968
Stddev	.0001150	.0001751	.22485	.0004357	.0003827	.003080	.25935
%RSD	1.451507	.1981741	.8998186	1.744920	1.162754	.1062445	.2981094

#1	.0080068	.0885349	25.23390	.0246541	.0331784	2.895566	87.29817
#2	.0079758	.0882350	24.93707	.0247922	.0324746	2.901237	86.82940
#3	.0077939	.0882284	24.79293	.0254683	.0330870	2.900485	86.87147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.35256	12.98405	.0400646	.1511263	.8685948	.1621962	10.31506
Stddev	.10128	.04304	.0007700	.0012802	.1379802	.0016324	.06679
%RSD	.5836863	.3315094	1.921763	.8471222	15.88545	1.006410	.6474807

#1	17.46162	13.03060	.0400563	.1498516	.7986432	.1637444	10.32863
#2	17.33459	12.97587	.0408387	.1511155	.7796004	.1623530	10.24253
#3	17.26146	12.94569	.0392989	.1524120	1.027541	.1604910	10.37402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.533139	6.576657	.0045718	.0846095	6.007225	1.488893	.0493619
Stddev	.034217	.021219	.0016389	.0001893	.023415	.015378	.0003614
%RSD	.3589234	.3226409	35.84890	.2237386	.3897785	1.032867	.7321187

#1	9.515320	6.552730	.0033603	.0847985	6.022249	1.498693	.0497698
#2	9.572588	6.584054	.0039184	.0844199	6.019179	1.496817	.0490817
#3	9.511510	6.593188	.0064366	.0846102	5.980246	1.471169	.0492342

Sample Name: K4733-12 Acquired: 09/11/2019 15:28:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FG7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7684793	.0661030	.1350818
Stddev	.0043006	.0006361	.0002928
%RSD	.5596315	.9623124	.2167582

#1	.7727472	.0667816	.1349407
#2	.7685441	.0655202	.1354185
#3	.7641467	.0660073	.1348863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.862	3630.681	51929.50	9168.517	2495.413
Stddev	3.448	6.661	177.94	77.135	3.228
%RSD	.1507625	.1834632	.3426549	.8413020	.1293613

#1	2283.081	3623.028	52117.74	9103.923	2492.261
#2	2289.833	3635.173	51906.71	9147.704	2498.712
#3	2287.671	3633.842	51764.06	9253.923	2495.265

Sample Name: K4733-13 Acquired: 09/11/2019 15:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.836584	.0118853	F 159.2879	.0201895	.2186029	60.38788
Stddev	.010781	.0020088	.3031	.0018192	.0024638	.24542
%RSD	.2809948	16.90149	.1902697	9.010655	1.127057	.4064050

#1	3.843411	.0140690	158.9488	.0213572	.2212307	60.10483
#2	3.824156	.0101161	159.3825	.0211180	.2163450	60.54143
#3	3.842186	.0114708	159.5324	.0180935	.2182328	60.51736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.525267	.0007483	.6942999	163.2175	.0288596	.0469125
Stddev	.015746	.0000309	.0015634	1.0039	.0003052	.0004441
%RSD	.6235253	4.133968	.2251726	.6150498	1.057366	.9466171

#1	2.508405	.0007748	.6924976	162.1001	.0287896	.0471950
#2	2.539588	.0007557	.6952908	164.0433	.0285956	.0471419
#3	2.527807	.0007143	.6951112	163.5092	.0291937	.0464006

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.649574	184.4071	F 111.3406	34.01333	.0673829	1.618940
Stddev	.007253	.7446	.6200	.12337	.0003502	.003113
%RSD	.0838550	.4037903	.5568409	.3627253	.5197526	.1923131

#1	8.645528	183.5492	110.6257	33.87330	.0670229	1.621415
#2	8.657947	184.7870	111.6660	34.06063	.0677225	1.615444
#3	8.645246	184.8852	111.7301	34.10604	.0674033	1.619960

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.689414	.4093249	F 92.08065	15.27000	F 23.52193	.1014973
Stddev	.073477	.0059204	.41621	.03950	.02465	.0026355
%RSD	1.991569	1.446389	.4520090	.2586801	.1047897	2.596604

#1	3.651716	.4029995	92.16494	15.28242	23.50695	.1037009
#2	3.642438	.4147333	92.44826	15.30180	23.50846	.1022132
#3	3.774089	.4102418	91.62874	15.22578	23.55038	.0985779

Sample Name: K4733-13 Acquired: 09/11/2019 15:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7742368	63.14040	4.693510	3.033042	1.440058	.0443618
Stddev	.0014924	.03144	.034878	.003370	.007220	.0006872
%RSD	.1927539	.0497911	.7431066	.1111261	.5013771	1.549179

#1	.7733986	63.17517	4.654824	3.030956	1.431721	.0446254
#2	.7733519	63.13206	4.703156	3.031239	1.444232	.0448783
#3	.7759598	63.11398	4.722549	3.036930	1.444221	.0435818

Elem	Sr4077
Units	ppm
Avg	1.041584
Stddev	.001370
%RSD	.1314952

#1	1.043158
#2	1.040923
#3	1.040670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.449	2997.473	43265.06	7847.015	2400.579
Stddev	13.474	4.879	250.37	16.128	5.123
%RSD	.7154047	.1627862	.5786952	.2055346	.2134252

#1	1872.400	2998.807	42984.61	7864.715	2405.575
#2	1879.487	3001.547	43344.49	7843.181	2400.827
#3	1898.460	2992.066	43466.09	7833.150	2395.337

Sample Name: K4733-14 Acquired: 09/11/2019 15:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.235573	.0180861	F 172.1683	.0238549	.2235019	61.82810
Stddev	.003091	.0045918	.4131	.0026949	.0011353	.20770
%RSD	.0729863	25.38836	.2399561	11.29702	.5079712	.3359286

#1	4.232549	.0143776	172.0126	.0268391	.2246503	61.88210
#2	4.238728	.0232220	171.8556	.0215989	.2223801	61.59873
#3	4.235441	.0166587	172.6366	.0231269	.2234754	62.00346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.825907	.0013762	.7198755	194.6602	.0305207	.0467156
Stddev	.026094	.0000594	.0024124	1.5425	.0006819	.0006692
%RSD	.9233794	4.317098	.3351061	.7924168	2.234056	1.432539

#1	2.846217	.0013246	.7188281	195.4744	.0298406	.0468898
#2	2.796477	.0014412	.7181640	192.8812	.0312043	.0459765
#3	2.835027	.0013627	.7226346	195.6249	.0305172	.0472805

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03784	176.3535	F 110.6661	38.37067	.0695299	1.746992
Stddev	.01858	1.2820	1.0697	.23288	.0007458	.003509
%RSD	.1850506	.7269584	.9666055	.6069235	1.072636	.2008428

#1	10.04881	176.9026	111.7831	38.42284	.0691865	1.750834
#2	10.01640	174.8884	110.5643	38.11613	.0690177	1.743957
#3	10.04833	177.2695	109.6510	38.57305	.0703856	1.746185

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.057553	.4505396	F 88.88356	13.94810	F 26.72005	.1156320
Stddev	.222719	.0045665	.20871	.01444	.04300	.0022140
%RSD	7.284231	1.013567	.2348181	.1034964	.1609349	1.914731

#1	2.911117	.4557183	88.95124	13.94624	26.69717	.1171178
#2	2.947684	.4470906	88.64940	13.96337	26.69333	.1130873
#3	3.313859	.4488099	89.05003	13.93468	26.76966	.1166908

Sample Name: K4733-14 Acquired: 09/11/2019 15:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FG9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5606919	52.84976	3.260701	3.011530	1.453708	.0452763
Stddev	.0009395	.17885	.012424	.008708	.005427	.0005926
%RSD	.1675608	.3384140	.3810215	.2891577	.3733426	1.308909
#1	.5600451	52.76257	3.274891	3.004014	1.453351	.0449201
#2	.5602609	52.73122	3.255437	3.009503	1.448468	.0449484
#3	.5617695	53.05548	3.251776	3.021073	1.459305	.0459604

Elem	Sr4077
Units	ppm
Avg	1.196141
Stddev	.002551
%RSD	.2132585
#1	1.198462
#2	1.193410
#3	1.196550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.117	3055.107	44380.56	7918.687	2380.604
Stddev	5.281	5.111	103.25	42.939	5.947
%RSD	.2741872	.1672794	.2326465	.5422475	.2498003
#1	1921.316	3058.858	44261.43	7871.652	2382.571
#2	1925.262	3057.176	44444.24	7955.788	2385.318
#3	1931.774	3049.286	44436.00	7928.622	2373.923

Sample Name: K4733-15 Acquired: 09/11/2019 15:40:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248252	.0257207	7.337731	-.001813	.0193825	30.12028
Stddev	.007416	.0029405	.013083	.001494	.0001690	.12111
%RSD	.5941020	11.43239	.1783032	82.38411	.8717652	.4020817

#1	1.241570	.0291040	7.325981	-.003257	.0194470	30.09012
#2	1.246955	.0237814	7.335381	-.001908	.0195097	30.25362
#3	1.256230	.0242767	7.351830	-.000274	.0191908	30.01710

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.764144	.0069397	.0109122	7.082829	.0150765	.0322676
Stddev	.017966	.0000419	.0000683	.036255	.0005389	.0000272
%RSD	.6499746	.6040452	.6257104	.5118657	3.574301	.0841807

#1	2.779425	.0069757	.0108380	7.107606	.0155393	.0322742
#2	2.768655	.0068937	.0109263	7.099663	.0152052	.0322378
#3	2.744352	.0069496	.0109724	7.041218	.0144849	.0322909

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713189	62.11802	F 79.40530	4.724621	.0220531	.0656290
Stddev	.004566	.26535	.54572	.008565	.0003526	.0000935
%RSD	.2665156	.4271697	.6872611	.1812883	1.599001	.1424884

#1	1.715344	62.28134	79.07025	4.715527	.0221618	.0655301
#2	1.716279	62.26086	79.11064	4.732534	.0223386	.0657160
#3	1.707945	61.81185	80.03502	4.725802	.0216589	.0656408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653714	.3299091	1.354103	9.934003	4.226145	-.000476
Stddev	.0929068	.0030775	.009431	.062024	.015056	.000711
%RSD	25.42806	.9328377	.6964845	.6243570	.3562597	149.5179

#1	.3806697	.3323831	1.362939	9.903232	4.210192	-.001270
#2	.4496795	.3308813	1.355198	10.00540	4.228138	.000100
#3	.2657648	.3264629	1.344173	9.89338	4.240106	-.000256

Sample Name: K4733-15 Acquired: 09/11/2019 15:40:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1265331	1.036434	1.237522	.0184077	.3980841	.0110753
Stddev	.0005425	.007036	.006718	.0002302	.0013597	.0002646
%RSD	.4287082	.6788890	.5428890	1.250720	.3415538	2.389203
#1	.1266996	1.028688	1.244728	.0183114	.3991383	.0113657
#2	.1259269	1.038185	1.231431	.0182413	.3965494	.0110121
#3	.1269728	1.042431	1.236406	.0186704	.3985644	.0108479

Elem	Sr4077
Units	ppm
Avg	.3407612
Stddev	.0004672
%RSD	.1371120
#1	.3402311
#2	.3409393
#3	.3411132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.483	3252.709	46476.56	8125.237	2496.026
Stddev	18.150	3.994	222.10	41.398	4.204
%RSD	.8847042	.1227755	.4778781	.5095051	.1684152
#1	2035.267	3253.151	46220.97	8091.248	2498.426
#2	2048.093	3256.462	46586.05	8113.121	2498.480
#3	2071.088	3248.512	46622.65	8171.342	2491.172

Sample Name: K4733-16 Acquired: 09/11/2019 15:44:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109320	-.002124	14.47687	.0056310	.0370556	26.52511	.4153690
Stddev	.005649	.000846	.04667	.0023720	.0008983	.02058	.0034772
%RSD	.2678061	39.82926	.3223538	42.12397	2.424090	.0775949	.8371265

#1	2.104921	-.001265	14.50678	.0074417	.0377640	26.54299	.4189983
#2	2.107349	-.002957	14.42310	.0065053	.0360453	26.52973	.4150415
#3	2.115690	-.002150	14.50074	.0029459	.0373575	26.50261	.4120671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048242	.0387904	7.416269	.0178287	.0307783	3.726862	138.5998
Stddev	.0001983	.0002109	.044176	.0000409	.0001997	.005610	.5628
%RSD	4.110055	.5437853	.5956656	.2295794	.6488419	.1505201	.4060259

#1	.0046000	.0390311	7.466992	.0178759	.0307630	3.726827	138.6237
#2	.0049765	.0386377	7.395596	.0178032	.0309852	3.721270	139.1502
#3	.0048961	.0387024	7.386221	.0178070	.0305867	3.732489	138.0255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.39211	6.519251	.0335598	.1561585	.3917852	.1361602	8.486587
Stddev	.10949	.038310	.0002927	.0014218	.2173277	.0008192	.058823
%RSD	.5646103	.5876412	.8721863	.9105093	55.47113	.6016292	.6931308

#1	19.40867	6.546746	.0332255	.1567709	.5593296	.1366452	8.450722
#2	19.49238	6.535514	.0336844	.1571714	.4698093	.1352144	8.554474
#3	19.27529	6.475492	.0337697	.1545330	.1462169	.1366211	8.454567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.306058	4.419847	-.002803	.0812632	3.498808	1.394778	.0835943
Stddev	.053619	.015469	.000890	.0001518	.015794	.006760	.0008243
%RSD	1.010528	.3499895	31.75363	.1867667	.4514073	.4847006	.9860378

#1	5.256410	4.431711	-.002629	.0812599	3.516965	1.399811	.0826565
#2	5.298846	4.402352	-.002013	.0814166	3.488247	1.397429	.0842040
#3	5.362918	4.425480	-.003767	.0811131	3.491213	1.387093	.0839224

Sample Name: K4733-16 Acquired: 09/11/2019 15:44:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5799641	.0198049	.0955528
Stddev	.0003103	.0010449	.0001237
%RSD	.0534978	5.276150	.1294414

#1	.5803016	.0189827	.0954633
#2	.5796912	.0209808	.0955012
#3	.5798994	.0194512	.0956939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.189	2897.424	41610.47	7277.684	2527.923
Stddev	3.776	10.216	239.42	30.484	5.161
%RSD	.2051751	.3526032	.5753752	.4188632	.2041468

#1	1840.111	2906.316	41354.95	7242.523	2524.360
#2	1836.453	2899.692	41646.84	7293.847	2533.841
#3	1844.002	2886.264	41829.62	7296.683	2525.568

Sample Name: K4733-17 Acquired: 09/11/2019 15:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.738065	.0057472	F 107.5316	.1278582	.0318547	61.30921
Stddev	.004052	.0032569	.0013	.0011876	.0009051	.09840
%RSD	.2331247	56.66870	.0012266	.9287995	2.841458	.1605019

#1	1.741329	.0038676	107.5304	.1274174	.0309416	61.41979
#2	1.733530	.0095080	107.5330	.1292031	.0327517	61.23127
#3	1.739337	.0038662	107.5314	.1269540	.0318707	61.27658

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6435438	.0062089	.2048379	65.55930	.0286560	.0317824
Stddev	.0014699	.0000998	.0005610	.37909	.0001475	.0001454
%RSD	.2284094	1.607362	.2738894	.5782429	.5148040	.4574739

#1	.6451750	.0062934	.2042480	65.94616	.0287901	.0316573
#2	.6431346	.0060988	.2053647	65.54324	.0286799	.0319419
#3	.6423218	.0062344	.2049009	65.18849	.0284980	.0317480

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.682402	96.09434	F 34.19952	18.26451	.0430859	.6173541
Stddev	.002296	.65678	.27352	.12358	.0009141	.0007641
%RSD	.0490299	.6834693	.7997807	.6766053	2.121545	.1237750

#1	4.684988	96.82028	34.49105	18.40331	.0422086	.6173507
#2	4.681617	95.92139	34.15896	18.22376	.0440328	.6181199
#3	4.680602	95.54134	33.94854	18.16645	.0430162	.6165916

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.536071	.2005860	28.25730	9.630503	7.997263	.0071542
Stddev	.132930	.0017043	.19810	.050857	.042474	.0006988
%RSD	8.653865	.8496467	.7010715	.5280784	.5311063	9.767711

#1	1.689135	.2015296	28.17360	9.682101	7.961111	.0065956
#2	1.449593	.2016097	28.48352	9.628986	7.986637	.0069293
#3	1.469485	.1986186	28.11479	9.580422	8.044041	.0079378

Sample Name: K4733-17 Acquired: 09/11/2019 15:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2050430	12.69791	1.871329	.0203444	.7233457	.0480012
Stddev	.0010216	.07831	.017589	.0011017	.0010354	.0005434
%RSD	.4982389	.6167469	.9399096	5.415221	.1431340	1.131982
#1	.2041226	12.62142	1.891637	.0216125	.7240250	.0480684
#2	.2048642	12.69437	1.861331	.0197970	.7238580	.0474273
#3	.2061422	12.77793	1.861017	.0196235	.7221541	.0485078

Elem	Sr4077
Units	ppm
Avg	.2042285
Stddev	.0003792
%RSD	.1856897
#1	.2043402
#2	.2038059
#3	.2045393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.694	3273.485	47255.44	8400.962	2454.236
Stddev	11.053	5.506	168.41	81.399	1.698
%RSD	.5301881	.1681941	.3563839	.9689284	.0691829
#1	2081.972	3279.222	47372.42	8312.798	2454.123
#2	2075.256	3272.991	47062.42	8416.825	2452.598
#3	2096.853	3268.244	47331.49	8473.262	2455.988

Sample Name: K4733-18 Acquired: 09/11/2019 15:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.276255	.0373074	F 118.2312	.0255116	.0436855	21.77525
Stddev	.004257	.0030110	.0652	.0016273	.0024608	.01786
%RSD	.1870329	8.070912	.0551441	6.378620	5.632971	.0820257

#1	2.280449	.0407764	118.2428	.0272685	.0441703	21.76565
#2	2.271937	.0357749	118.2898	.0252102	.0410184	21.76424
#3	2.276379	.0353709	118.1609	.0240561	.0458678	21.79586

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5647716	.0011897	.3072890	4.032323	-.007087	.0203667
Stddev	.0053374	.0000658	.0003314	.046594	.000444	.0006904
%RSD	.9450499	5.531157	.1078436	1.155505	6.269815	3.389920

#1	.5706099	.0011220	.3069657	4.081180	-.006998	.0202201
#2	.5601428	.0012535	.3076280	3.988383	-.006694	.0197613
#3	.5635620	.0011936	.3072734	4.027407	-.007570	.0211186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.457315	136.8319	F 108.0885	3.582497	.0196372	1.449829
Stddev	.005978	.4284	.2869	.016884	.0006777	.006354
%RSD	.1729029	.3130835	.2654484	.4712981	3.451320	.4382682

#1	3.452123	137.1754	107.8612	3.600194	.0190339	1.454678
#2	3.455971	136.3519	108.4109	3.566564	.0195073	1.442636
#3	3.463850	136.9685	107.9935	3.580734	.0203706	1.452173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2550949	.4160889	F 53.94208	5.669467	5.911376	-.009496
Stddev	.1077813	.0015027	.21216	.040303	.027576	.004804
%RSD	42.25147	.3611571	.3933086	.7108734	.4664865	50.58680

#1	.1409286	.4169690	53.73125	5.689520	5.936336	-.014266
#2	.3550891	.4143538	54.15554	5.623071	5.916017	-.004659
#3	.2692669	.4169439	53.93944	5.695810	5.881774	-.009564

Sample Name: K4733-18 Acquired: 09/11/2019 15:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5681365	71.07030	1.396661	.0215879	.1624763	.0040281
Stddev	.0018054	.26035	.008889	.0012120	.0008242	.0002321
%RSD	.3177791	.3663268	.6364197	5.614424	.5072534	5.760770

#1	.5696641	71.24739	1.404026	.0212679	.1623604	.0037609
#2	.5661441	71.19212	1.386788	.0205680	.1617163	.0041784
#3	.5686013	70.77137	1.399168	.0229278	.1633523	.0041451

Elem	Sr4077
Units	ppm
Avg	.2102283
Stddev	.0004288
%RSD	.2039782

#1	.2107230
#2	.2099994
#3	.2099625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.552	3434.859	49360.86	8605.591	2468.773
Stddev	7.303	3.575	142.08	56.223	1.974
%RSD	.3355342	.1040699	.2878329	.6533309	.0799578

#1	2175.965	3438.510	49246.73	8540.993	2470.143
#2	2169.560	3434.702	49315.86	8643.496	2466.511
#3	2184.130	3431.366	49519.99	8632.282	2469.666

Sample Name: K4733-19 Acquired: 09/11/2019 15:56:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.343922	.0005526	31.28077	.0046705	.0276598	28.83881
Stddev	.001647	.0024186	.01014	.0004753	.0013404	.06375
%RSD	.1225785	437.7125	.0324048	10.17563	4.845933	.2210669

#1	1.342114	-.001545	31.28414	.0052193	.0283130	28.79960
#2	1.344316	.003198	31.26937	.0043930	.0261180	28.80447
#3	1.345337	.000005	31.28879	.0043993	.0285484	28.91238

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9476457	.0036226	.0540581	6.694084	.0215360	.0261536
Stddev	.0080585	.0000818	.0000850	.060528	.0001180	.0001055
%RSD	.8503730	2.259506	.1573223	.9041977	.5477995	.4034081

#1	.9461461	.0035585	.0540573	6.665053	.0214544	.0261779
#2	.9404423	.0035946	.0541435	6.653540	.0216713	.0262448
#3	.9563487	.0037148	.0539734	6.763659	.0214823	.0260380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.569578	93.40333	F 39.59177	6.246966	.0247784	.3515307
Stddev	.001414	.57862	.27733	.049648	.0007520	.0020485
%RSD	.0550133	.6194826	.7004850	.7947534	3.034903	.5827372

#1	2.571209	93.05273	39.41514	6.192917	.0256462	.3491723
#2	2.568812	93.08607	39.44876	6.257439	.0243184	.3528675
#3	2.568712	94.07118	39.91142	6.290542	.0243706	.3525524

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561856	.2556667	9.809412	6.077982	3.982232	-.003090
Stddev	.0672454	.0027061	.026470	.068066	.024687	.002265
%RSD	26.24870	1.058458	.2698410	1.119882	.6199271	73.30946

#1	.2518254	.2526196	9.794693	6.105022	3.957023	-.003821
#2	.1912264	.2565905	9.839970	6.000551	4.006361	-.000549
#3	.3255050	.2577899	9.793573	6.128374	3.983311	-.004899

Sample Name: K4733-19 Acquired: 09/11/2019 15:56:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3146049	5.672713	1.325047	.0122162	.7346504	.0156965
Stddev	.0011951	.015961	.010500	.0002381	.0004874	.0009914
%RSD	.3798817	.2813684	.7923945	1.948712	.0663398	6.315872

#1	.3154160	5.662997	1.319153	.0119454	.7341423	.0162648
#2	.3132325	5.691134	1.318819	.0123923	.7351140	.0145517
#3	.3151663	5.664007	1.337170	.0123109	.7346949	.0162729

Elem	Sr4077
Units	ppm
Avg	.1341464
Stddev	.0002857
%RSD	.2129692

#1	.1343234
#2	.1342989
#3	.1338168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.154	2852.736	41129.37	7176.749	2508.810
Stddev	7.076	3.526	311.63	39.580	2.307
%RSD	.3924399	.1235990	.7576792	.5514982	.0919705

#1	1806.634	2849.334	41440.00	7199.262	2508.249
#2	1795.012	2856.374	40816.75	7199.937	2506.835
#3	1807.816	2852.500	41131.37	7131.048	2511.346

Sample Name: K4733-20 Acquired: 09/11/2019 16:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7215582	.0086341	17.23884	.0005004	.0142910	53.68556
Stddev	.0056618	.0042260	.00469	.0027386	.0013797	.16280
%RSD	.7846575	48.94551	.0271909	547.2934	9.654088	.3032396

#1	.7224815	.0054113	17.24293	.0026623	.0144919	53.86135
#2	.7154915	.0134187	17.23373	-.002579	.0128219	53.65532
#3	.7267016	.0070721	17.23987	.001418	.0155592	53.54000

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.559956	.0073983	.0538661	15.21158	.0488444	.0594476
Stddev	.016913	.0000669	.0001809	.11501	.0004446	.0002479
%RSD	1.084190	.9043130	.3359148	.7560900	.9101667	.4169377

#1	1.579160	.0073506	.0537943	15.34330	.0490637	.0596202
#2	1.553426	.0074748	.0537321	15.13104	.0483328	.0595590
#3	1.547281	.0073694	.0540720	15.16041	.0491366	.0591636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318295	112.4069	F 36.29810	13.52314	.0557627	.1159322
Stddev	.001944	.6314	.25247	.06351	.0003439	.0011440
%RSD	.1474997	.5616793	.6955384	.4696608	.6167393	.9867649

#1	1.319937	113.0731	36.57673	13.59568	.0561242	.1171878
#2	1.318801	112.3301	36.23303	13.47751	.0557243	.1149490
#3	1.316148	111.8174	36.08454	13.49624	.0554396	.1156598

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3416983	.3321821	5.616630	12.16677	5.620034	-.003607
Stddev	.2853346	.0043616	.016445	.02138	.001024	.003109
%RSD	83.50484	1.313021	.2927963	.1757534	.0182199	86.19572

#1	.6676602	.3367002	5.609569	12.16550	5.619414	-.007197
#2	.1371547	.3279959	5.604895	12.18876	5.621216	-.001839
#3	.2202799	.3318503	5.635427	12.14605	5.619473	-.001785

Sample Name: K4733-20 Acquired: 09/11/2019 16:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1734782	2.542102	1.633679	.0127509	1.199553	.0386667
Stddev	.0004891	.006792	.016916	.0001221	.005169	.0002883
%RSD	.2819632	.2671638	1.035468	.9577021	.4309244	.7456266

#1	.1740372	2.539198	1.652673	.0127379	1.204772	.0383465
#2	.1731285	2.549863	1.628125	.0128790	1.199452	.0387482
#3	.1732691	2.537246	1.620237	.0126358	1.194436	.0389056

Elem	Sr4077
Units	ppm
Avg	.1983863
Stddev	.0002808
%RSD	.1415369

#1	.1984025
#2	.1986586
#3	.1980977

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.338	3288.556	47161.01	8303.163	2480.364
Stddev	9.915	8.088	62.24	61.822	2.872
%RSD	.4763937	.2459523	.1319806	.7445656	.1157997

#1	2092.361	3285.071	47089.14	8234.011	2481.796
#2	2078.507	3297.802	47197.21	8322.390	2482.239
#3	2073.146	3282.793	47196.70	8353.087	2477.057

Sample Name: K4733-21 Acquired: 09/11/2019 16:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7193904	.0089433	17.34730	.0001218	.0142853	53.73042
Stddev	.0084118	.0008258	.03849	.0012167	.0006132	.10236
%RSD	1.169290	9.233662	.2218742	999.0504	4.292330	.1905112

#1	.7152098	.0090566	17.30578	-.000794	.0136039	53.84860
#2	.7138879	.0080667	17.35434	-.000343	.0147926	53.67337
#3	.7290734	.0097066	17.38178	.001502	.0144593	53.66931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.576941	.0074019	.0539629	15.35793	.0485467	.0600509
Stddev	.014501	.0000970	.0001650	.11520	.0005761	.0000424
%RSD	.9195719	1.310286	.3057628	.7501149	1.186673	.0705881

#1	1.593683	.0075110	.0538518	15.49012	.0485155	.0600934
#2	1.568324	.0073254	.0538845	15.30474	.0479869	.0600506
#3	1.568816	.0073694	.0541525	15.27894	.0491378	.0600087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318494	112.8402	F 36.39903	13.56101	.0550793	.1160163
Stddev	.002316	.4640	.39822	.05863	.0007384	.0007082
%RSD	.1756837	.4111688	1.094030	.4323662	1.340522	.6104510

#1	1.315834	113.3648	36.80275	13.57934	.0552130	.1167952
#2	1.319585	112.6717	36.38778	13.60829	.0542832	.1158426
#3	1.320064	112.4840	36.00656	13.49540	.0557416	.1154111

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3253755	.3360401	5.600017	12.17833	5.616378	-.003606
Stddev	.2497966	.0028596	.022912	.06042	.032623	.001028
%RSD	76.77181	.8509734	.4091350	.4960975	.5808497	28.51491

#1	.2176131	.3391765	5.623183	12.23871	5.615394	-.004787
#2	.6109651	.3335776	5.599499	12.11788	5.584259	-.002907
#3	.1475481	.3353663	5.577369	12.17841	5.649482	-.003125

Sample Name: K4733-21 Acquired: 09/11/2019 16:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1737388	2.543566	1.646836	.0141899	1.198723	.0392960
Stddev	.0012407	.012544	.005739	.0014238	.000988	.0010720
%RSD	.7141375	.4931542	.3485088	10.03376	.0824115	2.728098
#1	.1728949	2.534242	1.653426	.0137618	1.199845	.0384750
#2	.1731580	2.538629	1.644155	.0130292	1.198340	.0389043
#3	.1751634	2.557827	1.642929	.0157786	1.197984	.0405089

Elem	Sr4077
Units	ppm
Avg	.1987698
Stddev	.0003600
%RSD	.1811118
#1	.1990920
#2	.1983813
#3	.1988361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.080	3291.430	47246.06	8231.170	2481.046
Stddev	19.988	8.221	253.52	75.930	7.747
%RSD	.9613671	.2497677	.5365969	.9224742	.3122561
#1	2056.179	3294.787	46968.22	8145.954	2487.080
#2	2088.054	3297.442	47305.15	8255.912	2483.748
#3	2093.008	3282.062	47464.82	8291.643	2472.309

Sample Name: K4733-22 Acquired: 09/11/2019 16:08:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH5S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8101805	.1089006	13.44582	.0668393	.0742915	59.78907	4.533473
Stddev	.0034374	.0032768	.00801	.0013870	.0025092	.15436	.018062
%RSD	.4242709	3.008949	.0595411	2.075197	3.377535	.2581812	.3984098

#1	.8075803	.1051272	13.43863	.0672955	.0728925	59.77161	4.553332
#2	.8140777	.1105457	13.44440	.0652815	.0727937	59.64418	4.518024
#3	.8088836	.1110289	13.45445	.0679407	.0771884	59.95142	4.529064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830539	.1552151	15.63358	.3636940	1.131967	1.601426	125.4508
Stddev	.0005802	.0002212	.03439	.0017594	.000659	.005984	.4180
%RSD	.6986125	.1425220	.2199458	.4837523	.0581950	.3736593	.3332129

#1	.0823847	.1550505	15.62850	.3653487	1.131379	1.595426	125.3062
#2	.0834156	.1554666	15.60202	.3618459	1.132679	1.601458	125.1243
#3	.0833614	.1551284	15.67023	.3638875	1.131844	1.607393	125.9219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.82109	14.25235	1.165045	.1881329	.5125209	1.099159	5.809274
Stddev	.06529	.07278	.001340	.0014417	.1218726	.003067	.041390
%RSD	.2346731	.5106394	.1150383	.7663111	23.77905	.2790237	.7124794

#1	27.81062	14.23200	1.163802	.1888320	.6526616	1.100109	5.839456
#2	27.76166	14.19192	1.166465	.1864750	.4313422	1.095729	5.762091
#3	27.89098	14.33314	1.164868	.1890918	.4535591	1.101638	5.826275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.47822	5.701830	-.002264	.1919314	3.385272	1.837019	.0179312
Stddev	.01822	.017916	.001318	.0001940	.006606	.005166	.0010187
%RSD	.1459824	.3142216	58.20898	.1010927	.1951245	.2811933	5.681146

#1	12.47401	5.694534	-.002098	.1917108	3.392899	1.831055	.0191031
#2	12.49818	5.688713	-.003658	.1920075	3.381440	1.839952	.0172579
#3	12.46248	5.722243	-.001037	.1920758	3.381477	1.840051	.0174325

Sample Name: K4733-22 Acquired: 09/11/2019 16:08:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.239238	.0409104	.1882773
Stddev	.005468	.0003540	.0003823
%RSD	.4412599	.8654013	.2030528

#1	1.243060	.0405491	.1885994
#2	1.232974	.0412567	.1878548
#3	1.241679	.0409255	.1883778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.618	3254.502	46802.81	8245.106	2481.385
Stddev	8.355	5.256	381.48	25.805	.737
%RSD	.4068339	.1614950	.8150888	.3129745	.0297113

#1	2049.796	3260.101	46515.49	8268.993	2481.563
#2	2063.201	3249.675	47235.63	8248.588	2482.016
#3	2047.859	3253.729	46657.30	8217.737	2480.574

Sample Name: K4733-20LX5 Acquired: 09/11/2019 16:12:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1913589	-.001665	3.524790	-.000434	.0023008	13.95745	.3963527
Stddev	.0022165	.004491	.007330	.001440	.0005235	.04016	.0042896
%RSD	1.158310	269.8164	.2079473	331.9564	22.75403	.2877402	1.082267

#1	.1889543	-.005866	3.526569	-.001346	.0027447	13.98043	.4004649
#2	.1918018	.003069	3.516734	-.001181	.0017235	13.91108	.3919054
#3	.1933205	-.002197	3.531066	.001226	.0024342	13.98085	.3966878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019509	.0108210	3.960000	.0138445	.0117238	.3467438	29.27709
Stddev	.0000707	.0000863	.024236	.0004112	.0002953	.0033836	.15773
%RSD	3.625490	.7971143	.6120305	2.970476	2.518974	.9758234	.5387647

#1	.0018988	.0109053	3.979824	.0135747	.0117419	.3481173	29.37935
#2	.0019226	.0108247	3.932981	.0136409	.0114198	.3428894	29.09543
#3	.0020315	.0107329	3.967195	.0143178	.0120096	.3492247	29.35649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.599618	3.537758	.0115518	.0299506	.1064384	.0872944	1.466872
Stddev	.056051	.046435	.0002573	.0003398	.0640630	.0014209	.008186
%RSD	.5838830	1.312544	2.227517	1.134550	60.18781	1.627664	.5580505

#1	9.652884	3.581140	.0118242	.0302818	.0768203	.0859448	1.457808
#2	9.541146	3.488778	.0113129	.0296028	.0625437	.0871614	1.469084
#3	9.604826	3.543357	.0115182	.0299671	.1799513	.0887771	1.473725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.833658	1.166614	-.003741	.0451153	.5158990	.4299982	.0024990
Stddev	.085627	.005991	.000588	.0002478	.0028533	.0039238	.0010045
%RSD	3.021765	.5135313	15.72207	.5491832	.5530802	.9125232	40.19556

#1	2.910678	1.168491	-.004306	.0448500	.5172811	.4345006	.0018981
#2	2.848842	1.159910	-.003132	.0453407	.5177981	.4273079	.0019404
#3	2.741456	1.171442	-.003784	.0451551	.5126178	.4281860	.0036587

Sample Name: K4733-20LX5 Acquired: 09/11/2019 16:12:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3095942	.0082226	.0516861
Stddev	.0020804	.0005287	.0002221
%RSD	.6719820	6.429958	.4297640

#1	.3117236	.0082469	.0519424
#2	.3075665	.0076821	.0515670
#3	.3094926	.0087387	.0515489

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.537	2546.821	36408.14	6359.522	2508.147
Stddev	3.801	7.315	72.82	68.440	7.470
%RSD	.2360253	.2872037	.2000063	1.076175	.2978451

#1	1606.340	2538.406	36415.28	6291.454	2501.687
#2	1611.522	2551.657	36477.11	6428.327	2516.328
#3	1613.749	2550.399	36332.00	6358.784	2506.427

Sample Name: K4732-01 Acquired: 09/11/2019 16:16:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.304990	.0037785	47.92189	.0042484	.0431587	59.07844
Stddev	.013224	.0057407	.09700	.0006716	.0022013	.20629
%RSD	.4001199	151.9308	.2024125	15.80713	5.100510	.3491815

#1	3.302907	.0051669	47.83465	.0039171	.0408056	59.13673
#2	3.292931	.0086976	47.90468	.0038069	.0435027	58.84928
#3	3.319132	-.002529	48.02635	.0050212	.0451678	59.24931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.262350	.0058965	.1328708	44.18278	.0344454	.0444472
Stddev	.008774	.0000855	.0003710	.25237	.0003821	.0001973
%RSD	.3878155	1.449285	.2792301	.5711972	1.109363	.4437881

#1	2.263272	.0059949	.1326290	44.30925	.0340231	.0442278
#2	2.253152	.0058537	.1332980	43.89218	.0345457	.0446099
#3	2.270626	.0058409	.1326855	44.34692	.0347674	.0445038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39044	211.6483	F 63.22358	15.97011	.0705872	.4561550
Stddev	.03293	1.2187	.33116	.06036	.0004580	.0011940
%RSD	.2890699	.5758039	.5237978	.3779410	.6487804	.2617617

#1	11.39065	212.2090	63.39807	16.01753	.0700943	.4566692
#2	11.35741	210.2502	62.84166	15.90217	.0706680	.4570058
#3	11.42326	212.4857	63.43101	15.99064	.0709994	.4547900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.682567	.3233203	F 48.34279	12.31992	F 11.09624	.1456222
Stddev	.148031	.0010758	.35319	.05088	.10111	.0032899
%RSD	5.518244	.3327255	.7305909	.4130164	.9111722	2.259195

#1	2.516668	.3232219	48.49281	12.26692	11.02133	.1489348
#2	2.729865	.3222972	47.93936	12.32446	11.05615	.1423555
#3	2.801169	.3244419	48.59621	12.36838	11.21124	.1455763

Sample Name: K4732-01 Acquired: 09/11/2019 16:16:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FD6 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971494	8.496043	2.155313	.1348956	1.841103	.0498979
Stddev	.0007975	.062014	.010415	.0015127	.006004	.0023209
%RSD	.4045207	.7299142	.4832204	1.121375	.3260875	4.651269
#1	.1965381	8.433992	2.147025	.1347373	1.844694	.0489795
#2	.1968585	8.496116	2.167003	.1334683	1.834172	.0525374
#3	.1980515	8.558020	2.151910	.1364812	1.844443	.0481767

Elem	Sr4077
Units	ppm
Avg	.7884720
Stddev	.0015284
%RSD	.1938480
#1	.7877604
#2	.7874292
#3	.7902265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.297	2762.238	39915.60	7109.428	2464.166
Stddev	4.662	4.096	57.38	9.269	3.530
%RSD	.2654574	.1482798	.1437492	.1303775	.1432570
#1	1752.383	2757.903	39859.19	7116.813	2468.231
#2	1761.455	2762.767	39973.90	7112.443	2461.874
#3	1755.053	2766.043	39913.73	7099.026	2462.393

Sample Name: K4732-02 Acquired: 09/11/2019 16:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.084815	k -.134475	kF 74.08858	k -.144061	k 1.993752	k 38.83306
Stddev	.005075	.003926	.09789	.003261	.002453	.02656
%RSD	.2434341	2.919345	.1321216	2.263416	.1230506	.0683873

#1	k 2.083166	k -.130166	k 73.99879	k -.147050	k 1.996526	k 38.84897
#2	k 2.080770	k -.135407	k 74.07401	k -.140584	k 1.992860	k 38.84780
#3	k 2.090510	k -.137850	k 74.19293	k -.144550	k 1.991869	k 38.80240

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.222207	.0275134	k .1238426	^ *****	k .1759247	.1770867
Stddev	.019205	.0000437	.0007463	-----	.0008372	.0008587
%RSD	.5960286	.1589296	.6025875	-----	.4758748	.4849170

#1	3.201227	.0274767	k .1229953	^ -----	k .1767740	.1760955
#2	3.226473	.0275618	k .1241301	^ -----	k .1751001	.1775582
#3	3.238920	.0275018	k .1244023	^ -----	k .1759000	.1776064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 78.55482	kF 1203.313	23.30749	5.104679	.3044655	k 1.365889
Stddev	.11700	5.870	.06566	.031281	.0019052	.007083
%RSD	.1489409	.4878227	.2817191	.6127817	.6257379	.5185828

#1	k 78.68468	k 1208.864	23.23204	5.077738	.3061693	k 1.370679
#2	k 78.52219	k 1197.169	23.33877	5.097315	.3024084	k 1.357752
#3	k 78.45761	k 1203.906	23.35166	5.138985	.3048189	k 1.369235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 6.410419	k .4724076	k 28.08977	4.210341	kF 16.55185	^ *****
Stddev	.131220	.0020433	.05443	.044947	.02051	-----
%RSD	2.046979	.4325304	.1937699	1.067527	.1239003	-----

#1	k 6.267499	k .4700483	k 28.08144	4.241735	k 16.56343	^ -----
#2	k 6.438301	k .4735666	k 28.03999	4.158853	k 16.52817	^ -----
#3	k 6.525457	k .4736078	k 28.14789	4.230435	k 16.56394	^ -----

Sample Name: K4732-02 Acquired: 09/11/2019 16:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842479	17.39686	2.070183	F 11.53311	1.685612	.0345240
Stddev	.0007576	.01954	.013384	.02124	.000847	.0013889
%RSD	.4111731	.1123124	.6465278	.1841876	.0502748	4.023050

#1	.1846699	17.38911	2.063086	11.51663	1.684726	.0342512
#2	.1833733	17.38240	2.085622	11.52562	1.686415	.0332917
#3	.1847005	17.41909	2.061843	11.55709	1.685695	.0360291

Elem	Sr4077
Units	ppm
Avg	1.469717
Stddev	.001446
%RSD	.0983739

#1	1.471356
#2	1.469174
#3	1.468621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.728	2582.594	39020.60	7017.464	2462.984
Stddev	7.233	11.006	302.65	12.255	6.130
%RSD	.4397647	.4261555	.7756068	.1746388	.2488787

#1	1636.984	2585.641	38758.24	7007.102	2467.270
#2	1645.893	2591.755	39351.70	7014.299	2465.720
#3	1651.308	2570.386	38951.85	7030.991	2455.963

Sample Name: K4732-03 Acquired: 09/11/2019 16:24:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561353	.0020323	4.355549	-.000642	.0043977	21.38958	.4587318
Stddev	.0017201	.0023611	.009714	.000668	.0008242	.00922	.0022698
%RSD	.6715543	116.1805	.2230152	104.0398	18.74091	.0430849	.4947990

#1	.2570685	.0035616	4.366582	-.000815	.0035854	21.38209	.4595746
#2	.2571872	.0032223	4.348284	-.001207	.0043746	21.39987	.4604596
#3	.2541503	-.000687	4.351780	.000095	.0052332	21.38678	.4561611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038549	.0176288	11.05894	.0220758	.0165016	.6931292	55.61071
Stddev	.0001110	.0000782	.02780	.0002459	.0001566	.0019735	.15696
%RSD	2.878590	.4433302	.2513559	1.113816	.9488914	.2847290	.2822544

#1	.0038872	.0176795	11.06882	.0219032	.0164105	.6914347	55.78663
#2	.0037314	.0175388	11.08044	.0219667	.0166824	.6952961	55.48496
#3	.0039462	.0176682	11.02755	.0223573	.0164119	.6926568	55.56054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.423318	4.979003	.0178603	.0378844	.1069485	.1285941	2.718731
Stddev	.013744	.036443	.0001377	.0004504	.0874416	.0015279	.020464
%RSD	.1851480	.7319304	.7707928	1.188879	81.76046	1.188120	.7527071

#1	7.437406	5.009224	.0177051	.0383841	.0249021	.1300244	2.705982
#2	7.409946	4.989251	.0179677	.0375096	.0970077	.1269845	2.742336
#3	7.422602	4.938533	.0179080	.0377595	.1989356	.1287735	2.707876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.497766	2.176135	-.001648	.0213567	.8763407	1.381714	.0166912
Stddev	.046222	.011053	.000736	.0002887	.0037455	.008715	.0004966
%RSD	1.321481	.5079057	44.67760	1.351772	.4274011	.6307364	2.975485

#1	3.444958	2.181332	-.002094	.0214737	.8781054	1.390297	.0172629
#2	3.517456	2.183631	-.002052	.0215686	.8720388	1.372873	.0164449
#3	3.530882	2.163441	-.000798	.0210279	.8788778	1.381971	.0163659

Sample Name: K4732-03 Acquired: 09/11/2019 16:24:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3826323	.0190559	.0748895
Stddev	.0007231	.0010619	.0001133
%RSD	.1889834	5.572647	.1512426

#1	.3830203	.0178589	.0747903
#2	.3830786	.0194241	.0750129
#3	.3817980	.0198847	.0748653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.426	2914.485	41960.43	7243.007	2547.817
Stddev	12.871	4.670	125.42	15.865	7.936
%RSD	.6955788	.1602175	.2989085	.2190328	.3114796

#1	1863.291	2909.584	41835.25	7224.692	2538.715
#2	1837.548	2918.882	41959.95	7251.820	2551.449
#3	1850.439	2914.991	42086.09	7252.508	2553.286

Sample Name: K4732-04 Acquired: 09/11/2019 16:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.252907	k -.083457	kF 92.66644	k -.095366	k .6318734	k 26.98975
Stddev	.010168	.004892	.22522	.001903	.0025646	.09196
%RSD	.3125868	5.861461	.2430475	1.995767	.4058761	.3407390

#1	k 3.251522	k -.089025	k 92.53836	k -.097275	k .6308847	k 27.06042
#2	k 3.243503	k -.081493	k 92.53447	k -.093468	k .6347852	k 26.88578
#3	k 3.263697	k -.079852	k 92.92650	k -.095355	k .6299502	k 27.02306

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201938	.0148386	k .0830308	^ *****	k .0349552	.1498102
Stddev	.015976	.0003419	.0000617	-----	.0005654	.0002677
%RSD	1.329199	2.303942	.0742857	-----	1.617498	.1787088

#1	1.213516	.0150464	k .0831008	^ -----	k .0348842	.1500629
#2	1.183711	.0150254	k .0830069	^ -----	k .0344286	.1495296
#3	1.208587	.0144440	k .0829846	^ -----	k .0355527	.1498380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 9.390442	k 783.1132	21.09679	4.603993	.1571413	k .3590801
Stddev	.002876	4.8775	.13986	.047193	.0008877	.0018482
%RSD	.0306267	.6228403	.6629413	1.025040	.5649223	.5147118

#1	k 9.389886	k 788.0367	21.21199	4.587423	.1569782	k .3574979
#2	k 9.393556	k 783.0199	20.94117	4.657236	.1563464	k .3611115
#3	k 9.387885	k 778.2830	21.13720	4.567320	.1580992	k .3586308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.140891	k .1641257	k 17.90265	4.149240	k 6.107787	kF -1.76893
Stddev	.099880	.0040867	.23570	.043708	.021776	.01229
%RSD	3.179999	2.489977	1.316580	1.053398	.3565243	.6947662

#1	k 3.031699	k .1687941	k 17.81490	4.175042	k 6.116110	k -1.78168
#2	k 3.227641	k .1611954	k 17.72342	4.173902	k 6.124174	k -1.76793
#3	k 3.163333	k .1623875	k 18.16965	4.098774	k 6.083077	k -1.75717

Sample Name: K4732-04 Acquired: 09/11/2019 16:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951823	11.33946	2.078275	2.416702	.9614119	.0133616
Stddev	.0004714	.02893	.016600	.003586	.0051144	.0007456
%RSD	.4952740	.2551186	.7987184	.1483816	.5319634	5.580092

#1	.0957017	11.37284	2.093799	2.413133	.9632410	.0140472
#2	.0950637	11.32403	2.080249	2.416668	.9556345	.0134697
#3	.0947815	11.32153	2.060776	2.420304	.9653603	.0125678

Elem	Sr4077
Units	ppm
Avg	.2658302
Stddev	.0004147
%RSD	.1560100

#1	.2661394
#2	.2659923
#3	.2653589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.658	2719.041	39015.97	6920.604	2520.585
Stddev	10.029	1.036	90.70	52.373	4.400
%RSD	.5900539	.0380951	.2324798	.7567689	.1745776

#1	1697.489	2720.179	39119.66	6861.092	2523.876
#2	1710.594	2718.792	38976.89	6941.048	2522.292
#3	1690.891	2718.152	38951.36	6959.672	2515.586

Sample Name: K4732-05 Acquired: 09/11/2019 16:32:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.277081	k -.079384	kF 78.25376	k -.087720	k .6047135	k 22.68881
Stddev	.007128	.002671	.03636	.002784	.0014007	.03251
%RSD	.2175151	3.364714	.0464620	3.173737	.2316302	.1433018

#1	k 3.271443	k -.081017	k 78.21242	k -.084695	k .6036811	k 22.68593
#2	k 3.274708	k -.076302	k 78.26807	k -.090175	k .6063079	k 22.65783
#3	k 3.285093	k -.080834	k 78.28078	k -.088290	k .6041515	k 22.72267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.052577	.0136195	k .0650902	^ *****	k .0344191	.1058986
Stddev	.004826	.0002194	.0002556	-----	.0005521	.0001518
%RSD	.4584517	1.611286	.3927144	-----	1.603906	.1433660

#1	1.048131	.0137778	k .0648630	^ -----	k .0337895	.1059657
#2	1.051892	.0137118	k .0650406	^ -----	k .0346474	.1060054
#3	1.057709	.0133690	k .0653670	^ -----	k .0348204	.1057248

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 8.274507	k 742.8966	18.89613	4.659035	.1749587	k .3171602
Stddev	.002865	6.2368	.03235	.033240	.0003190	.0021022
%RSD	.0346240	.8395294	.1711926	.7134618	.1823578	.6628184

#1	k 8.276973	k 748.4225	18.93157	4.693047	.1753258	k .3154453
#2	k 8.275184	k 744.1331	18.86819	4.626624	.1747480	k .3195055
#3	k 8.271364	k 736.1341	18.88862	4.657434	.1748023	k .3165298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.933406	k .1628016	k 14.03355	3.795707	k 5.878902	kF -1.63799
Stddev	.095762	.0018855	.06237	.072821	.028824	.01286
%RSD	3.264547	1.158171	.4444065	1.918504	.4902991	.7848624

#1	k 2.886426	k .1634932	k 13.99690	3.858475	k 5.860511	k -1.64410
#2	k 3.043586	k .1642436	k 13.99819	3.812780	k 5.864073	k -1.64665
#3	k 2.870207	k .1606679	k 14.10556	3.715867	k 5.912122	k -1.62322

Sample Name: K4732-05 Acquired: 09/11/2019 16:32:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915606	10.60361	1.810006	2.339376	.9690547	.0138805
Stddev	.0004343	.06803	.008500	.001236	.0013418	.0003771
%RSD	.4743449	.6415772	.4696065	.0528323	.1384645	2.717143

#1	.0910597	10.59118	1.808851	2.340798	.9675055	.0134627
#2	.0917890	10.54264	1.819024	2.338565	.9698508	.0141959
#3	.0918329	10.67699	1.802142	2.338764	.9698077	.0139828

Elem	Sr4077
Units	ppm
Avg	.2258686
Stddev	.0002336
%RSD	.1034053

#1	.2259978
#2	.2255990
#3	.2260089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.579	2696.625	38695.81	6855.008	2534.602
Stddev	1.783	3.449	167.84	18.215	2.176
%RSD	.1059936	.1279171	.4337475	.2657129	.0858631

#1	1684.135	2697.188	38839.03	6837.161	2532.512
#2	1682.969	2692.929	38511.12	6854.294	2534.439
#3	1680.633	2699.759	38737.28	6873.569	2536.856

Sample Name: K4732-06 Acquired: 09/11/2019 16:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.994338	k -.128866	k 35.95737	k -.169481	k .3170715	k 28.19530
Stddev	.004030	.001014	.02779	.003428	.0004982	.07817
%RSD	.1345857	.7870165	.0772916	2.022796	.1571364	.2772468

#1	k 2.991684	k -.128365	k 35.98941	k -.168049	k .3176278	k 28.17550
#2	k 2.992355	k -.130033	k 35.94294	k -.173393	k .3166663	k 28.12894
#3	k 2.998975	k -.128200	k 35.93976	k -.167001	k .3169205	k 28.28147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7354063	.0202088	k .0855703	^ *****	k .0713279	.1726248
Stddev	.0108258	.0001245	.0003532	-----	.0010331	.0012370
%RSD	1.472085	.6160442	.4127163	-----	1.448437	.7165614

#1	.7385764	.0203070	k .0859486	^ -----	k .0705030	.1732099
#2	.7233493	.0200688	k .0852493	^ -----	k .0724867	.1734607
#3	.7442931	.0202507	k .0855129	^ -----	k .0709940	.1712039

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 173.3795	kF 1154.870	20.98530	5.493154	.2382383	k .5225538
Stddev	2.5401	16.028	.14274	.028672	.0008226	.0010240
%RSD	1.465064	1.387857	.6801715	.5219572	.3453074	.1959599

#1	k 173.3388	k 1161.384	21.04744	5.518871	.2374114	k .5225916
#2	k 170.8600	k 1136.610	20.82203	5.462238	.2390566	k .5235585
#3	k 175.9397	k 1166.615	21.08644	5.498351	.2382470	k .5215115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.713540	k .3225269	k 27.54590	3.659791	k 9.840299	^ *****
Stddev	.077268	.0034329	.03334	.059901	.033771	-----
%RSD	2.080701	1.064377	.1210215	1.636735	.3431887	-----

#1	k 3.795052	k .3212096	k 27.51575	3.721412	k 9.842133	^ -----
#2	k 3.704204	k .3264234	k 27.58170	3.656189	k 9.805648	^ -----
#3	k 3.641365	k .3199478	k 27.54026	3.601772	k 9.873115	^ -----

Sample Name: K4732-06 Acquired: 09/11/2019 16:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1813423	12.81049	2.276065	F 11.76593	.6135788	.0137354
Stddev	.0017325	.05095	.028214	.00724	.0004589	.0011285
%RSD	.9553585	.3976974	1.239588	.0615473	.0747838	8.216022

#1	.1795867	12.82472	2.291564	11.77391	.6132898	.0148696
#2	.1813896	12.75395	2.243499	11.75977	.6133388	.0126127
#3	.1830507	12.85282	2.293132	11.76412	.6141079	.0137240

Elem	Sr4077
Units	ppm
Avg	.1855261
Stddev	.0002962
%RSD	.1596444

#1	.1855458
#2	.1852205
#3	.1858119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.901	2312.160	40929.73	7260.226	2448.314
Stddev	11.723	10.714	59.53	86.895	.405
%RSD	.6916795	.4633825	.1454324	1.196869	.0165361

#1	1683.266	2323.728	40913.27	7202.220	2448.095
#2	1706.710	2310.172	40880.16	7360.132	2448.781
#3	1694.728	2302.579	40995.75	7218.326	2448.066

Sample Name: K4732-07 Acquired: 09/11/2019 16:40:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s 3.529867	k -.582967	k 32.03038	sF -1.24214	s .8293535	k 30.68777
Stddev	.011606	.009071	.06694	.01406	.0090411	.15829
%RSD	.3287924	1.556073	.2089963	1.132153	1.090136	.5158162

#1	s 3.534342	k -.590177	k 32.03360	s -1.24426	s .8393323	k 30.62149
#2	s 3.516689	k -.572782	k 31.96189	s -1.25502	s .8270212	k 30.57339
#3	s 3.538569	k -.585943	k 32.09566	s -1.22714	s .8217071	k 30.86843

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351167	k .0640040	k .1681040	^ *****	k .4497382	k 1.109429
Stddev	.018534	.0007428	.0016288	-----	.0017170	.002022
%RSD	.7883060	1.160530	.9689210	-----	.3817658	.1822194

#1	2.335446	k .0634577	k .1662243	^ -----	k .4489702	k 1.109262
#2	2.346452	k .0637045	k .1690991	^ -----	k .4485392	k 1.107496
#3	2.371604	k .0648498	k .1689886	^ -----	k .4517051	k 1.111528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 467.3389	kF 6300.402	F 31.36089	3.629560	1.737207	k .2093016
Stddev	4.2378	76.419	.18292	.039052	.006392	.0032543
%RSD	.9068028	1.212921	.5832865	1.075956	.3679505	1.554826

#1	k 464.2874	k 6219.078	31.30439	3.662602	1.734546	k .2060783
#2	k 465.5516	k 6370.723	31.21288	3.586464	1.732575	k .2092407
#3	k 472.1776	k 6311.405	31.56540	3.639615	1.744500	k .2125860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 16.91110	k 1.563684	kF 76.47751	3.118455	kF 37.58682	^ *****
Stddev	.50229	.012189	.68923	.119417	.22915	-----
%RSD	2.970198	.7795290	.9012155	3.829364	.6096426	-----

#1	k 16.89184	k 1.559763	k 76.30641	3.064818	k 37.38660	^ -----
#2	k 17.42275	k 1.553939	k 77.23617	3.035261	k 37.53712	^ -----
#3	k 16.41871	k 1.577352	k 75.88995	3.255286	k 37.83674	^ -----

Sample Name: K4732-07 Acquired: 09/11/2019 16:40:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .1331624	k 14.02479	k 9.020663	F 32.36192	3.438701	.0153467
Stddev	.0000863	.08957	.100754	.07892	.018860	.0010819
%RSD	.0647799	.6386727	1.116927	.2438756	.5484505	7.049572

#1	s .1332284	k 13.93269	k 8.965455	32.31076	3.439583	.0150273
#2	s .1331941	k 14.03008	k 8.959580	32.32220	3.419415	.0144605
#3	s .1330648	k 14.11160	k 9.136955	32.45282	3.457104	.0165523

Elem	Sr4077
Units	ppm
Avg	.5258732
Stddev	.0020344
%RSD	.3868661

#1	.5237500
#2	.5260642
#3	.5278054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.005	^ *****	32616.06	5976.958	2116.025
Stddev	13.394	-----	168.17	20.108	2.503
%RSD	1.157677	-----	.5156106	.3364300	.1182725

#1	1160.803	^ -----	32753.23	5999.610	2117.471
#2	1142.122	^ -----	32428.44	5970.045	2117.469
#3	1168.091	^ -----	32666.51	5961.217	2113.135

Sample Name: CCV062 Acquired: 09/11/2019 16:44:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021571	5.010430	24.75414	4.770175	5.038512	399.9778
Stddev	.016457	.010675	.03953	.006250	.012963	.6327
%RSD	.3277242	.2130537	.1596924	.1310265	.2572833	.1581925

#1	5.032088	4.998905	24.71027	4.767185	5.047057	399.2534
#2	5.002606	5.012405	24.76516	4.765981	5.023596	400.2575
#3	5.030019	5.019979	24.78699	4.777359	5.044882	400.4225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.838387	.5130384	2.432663	407.4908	15.31260	2.511315
Stddev	.075471	.0023839	.004064	1.4282	.09058	.004868
%RSD	.7671052	.4646636	.1670408	.3504935	.5915147	.1938608

#1	9.825875	.5107515	2.427972	406.4426	15.20834	2.507111
#2	9.919333	.5128549	2.434923	409.1175	15.37195	2.510185
#3	9.769955	.5155087	2.435094	406.9123	15.35751	2.516649

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12099	405.0941	14.97885	400.8180	2.560160	1.288209
Stddev	.05350	1.0896	.06408	1.3859	.003763	.011476
%RSD	.3538039	.2689632	.4277707	.3457730	.1469977	.8908401

#1	15.11764	404.1413	14.91344	399.3542	2.556525	1.280169
#2	15.06924	406.2820	15.04151	402.1100	2.559914	1.301351
#3	15.17608	404.8590	14.98158	400.9897	2.564040	1.283108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.1637	2.431200	14.19515	157.6563	F 5.524105	5.016224
Stddev	1.4474	.016328	.18600	.5634	.011797	.011780
%RSD	.3653612	.6716049	1.310338	.3573537	.2135582	.2348419

#1	395.6107	2.419635	14.02739	157.4767	5.525056	5.003095
#2	397.8061	2.449878	14.39517	157.2046	5.511862	5.025871
#3	395.0743	2.424088	14.16287	158.2876	5.535398	5.019705

Sample Name: CCV062 Acquired: 09/11/2019 16:44:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911314	5.092368	5.022702	5.027788	5.038589	5.146814
Stddev	.015361	.011410	.019772	.016971	.003331	.031416
%RSD	.3127740	.2240647	.3936611	.3375364	.0661129	.6103911

#1	4.910453	5.092826	5.003779	5.018923	5.034964	5.125351
#2	4.896401	5.080735	5.021100	5.017086	5.039289	5.182873
#3	4.927087	5.103542	5.043226	5.047355	5.041515	5.132220

Elem	Sr4077
Units	ppm
Avg	4.992024
Stddev	.046731
%RSD	.9361204

#1	5.036542
#2	4.943356
#3	4.996175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1238.926	2005.690	30061.13	5584.513	2077.655
Stddev	14.190	3.102	219.98	11.493	2.732
%RSD	1.145335	.1546644	.7317633	.2057980	.1314957

#1	1251.749	2002.315	30208.97	5596.691	2077.840
#2	1223.681	2008.416	29808.33	5573.856	2074.836
#3	1241.348	2006.341	30166.09	5582.993	2080.291

Sample Name: CCB062 Acquired: 09/11/2019 16:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003338	-.001081	.0058353	.0017469	-.001342	.0052182	.0004507
Stddev	.0025531	.003278	.0018488	.0027567	.001546	.0111470	.0007282
%RSD	764.8860	303.3375	31.68338	157.8025	115.1964	213.6176	161.5679

#1	.0032474	-.003893	.0037026	-.000949	-.003106	.0148345	-.000389
#2	-.000734	.002519	.0069850	.004560	-.000224	.0078197	.000830
#3	-.001512	-.001868	.0068181	.001630	-.000696	-.007000	.000910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0000355	-.006012	-.001060	.0001790	.0017650	.0123292
Stddev	.000083	.0000598	.002762	.000137	.0000638	.0010411	.0035469
%RSD	558.3143	168.4910	45.94925	12.88376	35.61208	58.98664	28.76845

#1	.000074	-.000023	-.003367	-.001014	.0001267	.0028315	.0154891
#2	-.000029	.000034	-.005789	-.001214	.0002500	.0007513	.0084927
#3	-.000090	.000096	-.008879	-.000953	.0001604	.0017122	.0130058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000655	.0303733	.0001559	-.000453	-.000661	-.001840	.0020096
Stddev	.0001399	.0220095	.0003154	.000242	.220997	.002887	.0007084
%RSD	213.4969	72.46333	202.3336	53.38781	33449.57	156.8871	35.24982

#1	-.000091	.0418844	.0004916	-.000248	.254479	-.001303	.0020930
#2	.000108	.0049953	.0001102	-.000719	-.124014	.000740	.0026725
#3	.000180	.0442401	-.000134	-.000391	-.132446	-.004958	.0012632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.185581	.0003887	.0022547	.0006434	-.000346	.0007879	.0001073
Stddev	.055118	.0015637	.0006690	.0002588	.002228	.0007677	.0006932
%RSD	29.70036	402.3083	29.67221	40.22547	644.3678	97.42848	645.9827

#1	-.129053	.0013676	.0017256	.0003541	-.002749	.0001010	-.000280
#2	-.188517	-.001415	.0030068	.0008529	.000061	.0006462	-.000305
#3	-.239172	.001213	.0020319	.0007231	.001651	.0016166	.000908

Sample Name: CCB062 Acquired: 09/11/2019 16:52:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009990	-.001542	.0000669
Stddev	.0003070	.000590	.0001418
%RSD	30.73065	38.26175	211.9202

#1	.0013356	-.002212	-.000083
#2	.0007345	-.001309	.000199
#3	.0009269	-.001104	.000085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.328	2329.750	33361.26	5830.055	2484.827
Stddev	.518	7.692	147.36	34.569	4.456
%RSD	.0347681	.3301440	.4417135	.5929532	.1793140

#1	1489.644	2323.205	33525.26	5869.682	2480.497
#2	1489.610	2338.222	33239.98	5806.081	2489.399
#3	1488.730	2327.823	33318.53	5814.403	2484.586

Sample Name: K4732-08 Acquired: 09/11/2019 16:56:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.047055	k -.060306	kF 59.53654	k -.054210	k .1630528	k 30.21858
Stddev	.001969	.002957	.17640	.004063	.0002434	.14880
%RSD	.0646145	4.903780	.2962817	7.495013	.1492472	.4924182

#1	k 3.047065	k -.058179	k 59.54837	k -.058890	k .1629671	k 30.12836
#2	k 3.045081	k -.059056	k 59.35454	k -.052157	k .1628639	k 30.39033
#3	k 3.049019	k -.063683	k 59.70673	k -.051583	k .1633274	k 30.13705

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823125	.0092638	k .1289407	^ *****	k .0557111	.0640708
Stddev	.0154201	.0000842	.0003599	-----	.0006249	.0001548
%RSD	1.971093	.9089451	.2790944	-----	1.121587	.2415768

#1	.7795821	.0093294	k .1287447	^ -----	k .0554172	.0642464
#2	.7989154	.0092931	k .1287213	^ -----	k .0552874	.0639541
#3	.7684399	.0091688	k .1293560	^ -----	k .0564287	.0640119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 8.501144	k 487.5231	F 35.68648	7.290010	.0894404	k 1.263901
Stddev	.011756	4.1765	.38723	.058053	.0006364	.008750
%RSD	.1382898	.8566848	1.085094	.7963394	.7115906	.6923228

#1	k 8.501430	k 485.2638	35.54442	7.235786	.0893672	k 1.255776
#2	k 8.512754	k 492.3426	36.12467	7.351254	.0888436	k 1.262763
#3	k 8.489247	k 484.9629	35.39033	7.282991	.0901102	k 1.273165

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.461497	k .2771239	kF 37.23035	5.683081	k 7.733557	kF -1.14375
Stddev	.122022	.0010858	.26024	.135891	.005246	.01067
%RSD	4.957232	.3918127	.6989868	2.391148	.0678332	.9333234

#1	k 2.568698	k .2762624	k 37.53079	5.827342	k 7.735560	k -1.13260
#2	k 2.487083	k .2783436	k 37.07534	5.664408	k 7.737506	k -1.15388
#3	k 2.328711	k .2767658	k 37.08492	5.557492	k 7.727604	k -1.14478

Sample Name: K4732-08 Acquired: 09/11/2019 16:56:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974382	20.38472	2.299592	.8878757	.7002925	.0227651
Stddev	.0002821	.01871	.026491	.0024493	.0042867	.0009349
%RSD	.1428762	.0917894	1.152005	.2758660	.6121247	4.106729

#1	.1971662	20.40184	2.278923	.8855275	.6982882	.0237355
#2	.1977295	20.38757	2.329456	.8876845	.7052141	.0226897
#3	.1974190	20.36474	2.290398	.8904150	.6973751	.0218702

Elem	Sr4077
Units	ppm
Avg	.1432106
Stddev	.0002967
%RSD	.2071640

#1	.1433466
#2	.1434150
#3	.1428704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.448	2865.926	41057.48	7210.548	2483.877
Stddev	17.810	4.335	164.04	71.543	6.938
%RSD	.9891926	.1512514	.3995359	.9922012	.2793079

#1	1783.027	2861.835	40871.83	7204.858	2481.566
#2	1799.696	2870.469	41182.84	7142.020	2491.675
#3	1818.622	2865.474	41117.77	7284.767	2478.390

Sample Name: K4732-09 Acquired: 09/11/2019 17:00:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.372486	.0040221	25.27838	.0075137	.0878630	28.21202	.8816816
Stddev	.005598	.0017760	.04551	.0013598	.0025701	.08078	.0101629
%RSD	.2359627	44.15471	.1800267	18.09840	2.925104	.2863433	1.152676

#1	2.366320	.0055451	25.22985	.0090552	.0904497	28.12128	.8702816
#2	2.377250	.0044499	25.32009	.0070018	.0853098	28.23866	.8849700
#3	2.373887	.0020714	25.28521	.0064840	.0878296	28.27612	.8897932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075499	.0401414	8.628505	-.004037	.0356284	3.743023	335.4629
Stddev	.0001265	.0001866	.128790	.000615	.0005839	.005131	1.7964
%RSD	1.675370	.4649669	1.492613	15.22676	1.638791	.1370933	.5354852

#1	.0075737	.0403543	8.502808	-.003865	.0361788	3.741244	333.6525
#2	.0074133	.0400636	8.622528	-.004719	.0350160	3.748807	337.2449
#3	.0076629	.0400062	8.760180	-.003527	.0356905	3.739018	335.4912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.32109	6.353715	.0524928	.3755975	.1008128	.1541252	16.00230
Stddev	.13207	.039411	.0003786	.0021236	.1204074	.0016357	.15131
%RSD	.7208430	.6202799	.7211451	.5653806	119.4366	1.061258	.9455214

#1	18.18733	6.386582	.0525220	.3756904	.2248524	.1522973	15.95436
#2	18.45139	6.364539	.0528559	.3776731	.0931857	.1546278	16.17176
#3	18.32456	6.310023	.0521005	.3734290	-.015600	.1554507	15.88076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.040715	4.497091	.0029553	.1188130	7.923258	1.626940	.4868736
Stddev	.051032	.004792	.0038493	.0008338	.021440	.007839	.0026558
%RSD	1.262951	.1065554	130.2486	.7017862	.2705969	.4818342	.5454886

#1	4.091105	4.491558	.0015863	.1178760	7.898544	1.625472	.4839094
#2	3.989064	4.499797	.0073020	.1190897	7.936866	1.619938	.4890365
#3	4.041977	4.499917	-.000022	.1194733	7.934365	1.635409	.4876749

Sample Name: K4732-09 Acquired: 09/11/2019 17:00:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FE4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3986131	.0156668	.0973586
Stddev	.0016039	.0003872	.0001377
%RSD	.4023671	2.471181	.1413912

#1	.3968069	.0157136	.0972012
#2	.3991617	.0160284	.0974562
#3	.3998708	.0152584	.0974186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.259	2812.468	40183.83	7078.207	2484.345
Stddev	12.146	5.593	255.17	30.121	3.231
%RSD	.6853321	.1988763	.6349948	.4255522	.1300712

#1	1776.944	2806.093	40189.35	7108.276	2482.944
#2	1758.469	2814.759	39925.95	7048.033	2482.052
#3	1781.365	2816.553	40436.19	7078.313	2488.041

Sample Name: K4732-10 Acquired: 09/11/2019 17:04:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4217264	.0008874	7.235186	.0017389	.0077196	38.45580	.6480310
Stddev	.0034255	.0001850	.011582	.0018991	.0006108	.24104	.0093566
%RSD	.8122548	20.85206	.1600740	109.2143	7.911858	.6268041	1.443847

#1	.4241531	.0008036	7.222235	.0033894	.0082681	38.20374	.6372507
#2	.4178080	.0007590	7.238772	-.000337	.0070614	38.68406	.6528012
#3	.4232180	.0010995	7.244550	.002164	.0078291	38.47959	.6540411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051094	.0492039	20.29967	.0387944	.0259359	1.158573	84.65390
Stddev	.0001348	.0000460	.21386	.0002021	.0003897	.006932	.56560
%RSD	2.638540	.0935778	1.053506	.5210341	1.502720	.5983139	.6681320

#1	.0049955	.0492117	20.05616	.0388646	.0255555	1.151213	84.04743
#2	.0050746	.0491545	20.45696	.0385665	.0259179	1.164978	85.16702
#3	.0052583	.0492456	20.38589	.0389521	.0263344	1.159529	84.74726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17558	9.241015	.0300755	.0963717	.3157008	.1972562	6.123928
Stddev	.08817	.095898	.0011157	.0004387	.1254395	.0013841	.082473
%RSD	.8665061	1.037740	3.709598	.4552228	39.73367	.7016561	1.346729

#1	10.08165	9.150056	.0309890	.0968647	.1933256	.1963042	6.213666
#2	10.25656	9.341187	.0288321	.0962261	.3097817	.1966206	6.106665
#3	10.18854	9.231800	.0304054	.0960243	.4439951	.1988439	6.051454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.868174	4.543603	.0036689	.0336261	2.120116	1.935388	.0173639
Stddev	.014129	.003007	.0032011	.0003593	.008026	.044762	.0004295
%RSD	.1795748	.0661734	87.25166	1.068489	.3785636	2.312798	2.473718

#1	7.859769	4.543286	.0068503	.0335682	2.129039	1.885105	.0172270
#2	7.884486	4.540767	.0037078	.0332993	2.113486	1.950170	.0178452
#3	7.860265	4.546756	.0004484	.0340108	2.117823	1.970889	.0170195

Sample Name: K4732-10 Acquired: 09/11/2019 17:04:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7974248	.0482177	.1091130
Stddev	.0049979	.0004332	.0004223
%RSD	.6267576	.8983958	.3869982

#1	.7924912	.0486083	.1092032
#2	.8024847	.0477518	.1094829
#3	.7972984	.0482929	.1086530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.902	2889.386	41447.85	7254.633	2526.555
Stddev	19.756	2.722	335.06	85.432	1.700
%RSD	1.077877	.0942057	.8083894	1.177622	.0673019

#1	1811.143	2888.774	41074.37	7353.102	2528.351
#2	1837.845	2887.022	41547.11	7210.561	2526.346
#3	1849.717	2892.362	41722.05	7200.238	2524.969

Sample Name: K4732-11 Acquired: 09/11/2019 17:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.017521	k -.011756	kF 55.10589	k -.008470	k .1213457	k 33.68346
Stddev	.001917	.030742	.02160	.031427	.0024449	.14580
%RSD	.0635318	261.5065	.0391992	371.0439	2.014781	.4328494

#1	3.016276	.004581	55.09491	.009763	.1230013	33.80212
#2	k 3.016558	k -.047217	k 55.09198	k -.044758	k .1185376	k 33.52071
#3	3.019729	.007369	55.13077	.009586	.1224981	33.72756

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6666546	.0077309	k .1183686	^ *****	k .0248323	.0575890
Stddev	.0096551	.0001699	.0058851	-----	.0224039	.0001590
%RSD	1.448286	2.197624	4.971806	-----	90.22057	.2760304

#1	.6756745	.0078837	.1150571	13.13696	.0122863	.0575892
#2	.6564700	.0075480	k .1251633	^ -----	k .0506983	.0574300
#3	.6678192	.0077612	.1148853	13.04223	.0115125	.0577479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 6.495193	k 388.2950	F 41.75432	7.469489	.0804456	k 1.426193
Stddev	.042786	2.3029	.76507	.083513	.0002878	.010632
%RSD	.6587359	.5930781	1.832307	1.118056	.3577199	.7455082

#1	6.525294	389.7300	42.10978	7.531791	.0803891	1.432851
#2	k 6.446215	k 385.6387	40.87619	7.374594	.0801902	k 1.413931
#3	6.514070	389.5162	42.27699	7.502082	.0807574	1.431798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.200338	k .2697721	kF 39.53140	4.806159	k 7.130090	k -.308033
Stddev	1.167137	.0049082	.26034	.088155	.048434	.526330
%RSD	97.23407	1.819374	.6585558	1.834202	.6792839	170.8681

#1	.257830	.2751317	39.24734	4.828849	7.159937	-.010460
#2	k 2.505840	k .2654966	k 39.75862	4.708878	k 7.074207	k -.915744
#3	.837344	.2686881	39.58824	4.880751	7.156126	.002104

Sample Name: K4732-11 Acquired: 09/11/2019 17:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2474211	14.96334	2.758976	.6605646	.4945229	.0193687
Stddev	.0004234	.03106	.028899	.0008158	.0020499	.0016092
%RSD	.1711140	.2075979	1.047450	.1234956	.4145182	8.308350

#1	.2470697	14.99912	2.782074	.6612412	.4966134	.0175217
#2	.2478911	14.94333	2.726571	.6596587	.4944390	.0204686
#3	.2473024	14.94755	2.768284	.6607940	.4925162	.0201157

Elem	Sr4077
Units	ppm
Avg	.1328350
Stddev	.0001931
%RSD	.1453509

#1	.1329664
#2	.1326133
#3	.1329252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.183	2947.430	42124.15	7398.639	2509.142
Stddev	2.409	1.639	63.87	81.668	2.270
%RSD	.1297022	.0556043	.1516191	1.103827	.0904591

#1	1854.402	2948.314	42162.96	7325.062	2508.850
#2	1858.593	2945.539	42050.43	7486.510	2511.543
#3	1858.555	2948.438	42159.05	7384.344	2507.032

Sample Name: K4732-12 Acquired: 09/11/2019 17:12:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257806	.0444078	F 125.9922	.0081801	.0790890	25.38254
Stddev	.004095	.0010823	.0861	.0016170	.0032851	.13857
%RSD	.1813596	2.437081	.0683239	19.76681	4.153708	.5459453

#1	2.259834	.0453030	126.0916	.0063272	.0808775	25.31741
#2	2.253093	.0432051	125.9441	.0089081	.0810918	25.28854
#3	2.260491	.0447153	125.9410	.0093051	.0752977	25.54169

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2952641	-.007180	.3292842	5.181252	-.025398	.0148590
Stddev	.0033308	.000128	.0003785	.076760	.000394	.0000189
%RSD	1.128081	1.788743	.1149450	1.481501	1.553170	.1271575

#1	.2945806	-.007315	.3294151	5.134922	-.025177	.0148441
#2	.2923281	-.007166	.3295799	5.138977	-.025164	.0148527
#3	.2988837	-.007060	.3288576	5.269856	-.025854	.0148803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.245595	215.4709	F 205.1902	3.714345	.0163486	1.323485
Stddev	.007858	1.4387	.4940	.009074	.0008464	.006501
%RSD	.0953007	.6677015	.2407376	.2442829	5.177147	.4911873

#1	8.253967	215.4676	205.6350	3.708132	.0166270	1.319674
#2	8.238378	214.0339	205.2770	3.710145	.0153981	1.319789
#3	8.244441	216.9113	204.6585	3.724757	.0170208	1.330991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.230906	.4513663	F 154.0916	3.884221	5.189090	-.005997
Stddev	.296049	.0084940	.7432	.038415	.024137	.002606
%RSD	6.997285	1.881831	.4823195	.9889972	.4651509	43.45524

#1	4.489860	.4517966	153.4749	3.915680	5.216041	-.006426
#2	4.294695	.4426653	153.8832	3.895574	5.169464	-.008362
#3	3.908162	.4596369	154.9168	3.841409	5.181765	-.003203

Sample Name: K4732-12 Acquired: 09/11/2019 17:12:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5458327	34.13106	7.028147	.0363683	.2142681	.0131182
Stddev	.0009843	.14380	.052499	.0014401	.0010008	.0012437
%RSD	.1803219	.4213252	.7469860	3.959749	.4670796	9.480411

#1	.5454557	34.27137	7.080033	.0379901	.2142660	.0116881
#2	.5450927	33.98400	6.975056	.0358758	.2132684	.0139461
#3	.5469498	34.13780	7.029350	.0352391	.2152700	.0137205

Elem	Sr4077
Units	ppm
Avg	.3196978
Stddev	.0003423
%RSD	.1070692

#1	.3198510
#2	.3199367
#3	.3193056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.089	2887.726	41139.63	7206.106	2443.052
Stddev	10.251	6.701	252.73	38.450	6.366
%RSD	.5601627	.2320579	.6143174	.5335697	.2605957

#1	1840.815	2894.282	41363.07	7198.061	2440.866
#2	1829.062	2880.889	41190.47	7247.942	2438.066
#3	1820.390	2888.007	40865.34	7172.316	2450.223

Sample Name: K4732-13 Acquired: 09/11/2019 17:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.472537	.0138242	F 68.91034	.0078622	.0594164	38.34159
Stddev	.007906	.0041778	.11318	.0025976	.0025466	.24380
%RSD	.3197690	30.22061	.1642396	33.03874	4.286004	.6358595

#1	2.480623	.0179446	68.78987	.0072213	.0599722	38.08837
#2	2.464824	.0139365	68.92669	.0107203	.0616391	38.36169
#3	2.472163	.0095914	69.01445	.0056451	.0566378	38.57472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.859132	.0059469	.1552679	28.93430	-.016692	.0904433
Stddev	.026240	.0001320	.0004823	.34895	.001477	.0004296
%RSD	1.411404	2.219692	.3106482	1.206018	8.846109	.4749920

#1	1.833282	.0058277	.1548888	28.58486	-.016073	.0900710
#2	1.858368	.0059242	.1551040	28.93527	-.015625	.0903455
#3	1.885745	.0060887	.1558108	29.28276	-.018377	.0909133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.714121	407.7928	F 123.6202	5.376507	.0730381	1.037739
Stddev	.024915	3.1707	2.1055	.013582	.0006523	.006034
%RSD	.3710830	.7775170	1.703199	.2526127	.8930249	.5814312

#1	6.688344	404.3594	122.0016	5.364283	.0725312	1.034495
#2	6.715943	408.4083	122.8585	5.391128	.0737740	1.044700
#3	6.738074	410.6105	126.0006	5.374112	.0728093	1.034020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.070917	.3990418	F 72.49940	5.160629	F 11.51153	.2072450
Stddev	.429269	.0057147	.55860	.094101	.01754	.0039909
%RSD	20.72844	1.432114	.7704945	1.823443	.1524064	1.925704

#1	2.562068	.3924664	72.42709	5.052015	11.50709	.2026709
#2	1.767465	.4028098	73.09064	5.217641	11.49663	.2090462
#3	1.883219	.4018493	71.98047	5.212230	11.53086	.2100178

Sample Name: K4732-13 Acquired: 09/11/2019 17:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3454913	16.76337	1.938992	.0833170	1.610887	.0269440
Stddev	.0008486	.06456	.016163	.0013751	.011390	.0007003
%RSD	.2456086	.3851261	.8335947	1.650420	.7070895	2.598938

#1	.3462723	16.75549	1.925538	.0848324	1.598654	.0276988
#2	.3445883	16.70311	1.934517	.0829700	1.612820	.0268177
#3	.3456134	16.83151	1.956921	.0821487	1.621187	.0263154

Elem	Sr4077
Units	ppm
Avg	1.478925
Stddev	.002018
%RSD	.1364825

#1	1.477415
#2	1.478141
#3	1.481217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.487	2714.691	39095.54	6922.241	2495.889
Stddev	6.165	6.458	218.19	63.547	1.177
%RSD	.3575130	.2378948	.5580912	.9180068	.0471403

#1	1724.473	2707.253	39258.08	6981.926	2495.014
#2	1718.329	2718.878	38847.57	6929.365	2497.227
#3	1730.660	2717.940	39180.99	6855.433	2495.428

Sample Name: K4732-14 Acquired: 09/11/2019 17:20:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6645128	.0042642	21.77692	.0024585	.0211201	43.10065
Stddev	.0082991	.0012367	.00977	.0038667	.0021053	.08341
%RSD	1.248900	29.00104	.0448801	157.2783	9.968150	.1935255

#1	.6700313	.0053096	21.76662	-.000568	.0224214	43.07303
#2	.6549687	.0028991	21.78606	.006815	.0222477	43.19437
#3	.6685383	.0045841	21.77808	.001128	.0186912	43.03456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.149657	.0037235	.0480538	14.80067	.0371173	.0387657
Stddev	.004664	.0000519	.0002477	.07127	.0003108	.0003199
%RSD	.4056841	1.392954	.5153784	.4815284	.8373624	.8252243

#1	1.144719	.0036639	.0479308	14.75554	.0374444	.0389711
#2	1.153988	.0037584	.0483389	14.88283	.0370816	.0383971
#3	1.150264	.0037482	.0478917	14.76364	.0368258	.0389289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.413502	106.6412	F 35.91895	10.17441	.0399248	.2692711
Stddev	.004267	.2131	.08208	.07072	.0005756	.0012735
%RSD	.3018551	.1997988	.2285046	.6950449	1.441709	.4729272

#1	1.415405	106.4812	35.86531	10.23005	.0392877	.2706123
#2	1.416485	106.8831	36.01344	10.19836	.0404073	.2680784
#3	1.408615	106.5594	35.87810	10.09483	.0400795	.2691227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023951	.2687477	14.58200	8.507400	3.859251	-.000540
Stddev	.089798	.0003175	.11971	.043077	.004781	.000633
%RSD	8.769782	.1181272	.8209420	.5063441	.1238912	117.2220

#1	.920261	.2690469	14.71328	8.468766	3.864625	.000105
#2	1.076054	.2687814	14.55385	8.553849	3.855467	-.001159
#3	1.075538	.2684147	14.47887	8.499584	3.857660	-.000565

Sample Name: K4732-14 Acquired: 09/11/2019 17:20:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640747	3.408658	1.844909	.1025683	1.088283	.0283019
Stddev	.0002939	.017657	.006419	.0013536	.002456	.0004302
%RSD	.4587089	.5179947	.3479083	1.319723	.2257198	1.520187
#1	.0640412	3.427550	1.839625	.1030498	1.088868	.0287792
#2	.0643839	3.405851	1.843050	.1036154	1.090393	.0279438
#3	.0637990	3.392572	1.852052	.1010398	1.085586	.0281826

Elem	Sr4077
Units	ppm
Avg	.1358873
Stddev	.0003325
%RSD	.2446701
#1	.1356815
#2	.1357096
#3	.1362709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.050	2780.940	39820.78	6990.798	2487.557
Stddev	10.573	2.092	196.41	31.270	2.173
%RSD	.5983261	.0752279	.4932358	.4473013	.0873564
#1	1759.861	2783.301	39594.77	7000.720	2486.396
#2	1762.100	2779.319	39950.08	6955.770	2486.211
#3	1779.190	2780.199	39917.49	7015.902	2490.064

Sample Name: K4732-15 Acquired: 09/11/2019 17:24:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.370382	.0172754	F 81.06382	.0042580	.0301841	36.68184
Stddev	.004593	.0017592	.09059	.0028060	.0027930	.16216
%RSD	.3351820	10.18339	.1117506	65.89942	9.253314	.4420715

#1	1.365389	.0180474	81.01913	.0060833	.0308013	36.55868
#2	1.374429	.0152622	81.00427	.0056637	.0326169	36.86557
#3	1.371327	.0185167	81.16808	.0010270	.0271341	36.62129

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8417147	.0045918	.3257791	28.89620	.0020035	.0286010
Stddev	.0104625	.0000870	.0007260	.24257	.0003491	.0002360
%RSD	1.243005	1.893825	.2228463	.8394426	17.42587	.8251517

#1	.8415028	.0046769	.3257696	28.78947	.0021273	.0283901
#2	.8522815	.0045031	.3250579	29.17383	.0016094	.0285569
#3	.8313597	.0045953	.3265098	28.72530	.0022739	.0288559

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.506496	110.9311	F 75.19548	10.20823	.0287661	1.313332
Stddev	.006749	.5611	.53765	.07970	.0005382	.003750
%RSD	.2692594	.5058183	.7149970	.7807473	1.870969	.2855130

#1	2.499406	110.3095	74.85275	10.11620	.0285894	1.311357
#2	2.507241	111.4001	75.81514	10.25472	.0283385	1.317656
#3	2.512842	111.0837	74.91857	10.25377	.0293705	1.310982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722185	.3414791	F 65.69994	5.279323	5.644170	-.005223
Stddev	.034779	.0051071	.18752	.049255	.009826	.002213
%RSD	2.019484	1.495583	.2854162	.9329805	.1740861	42.36633

#1	1.682025	.3383311	65.48349	5.222848	5.637527	-.006992
#2	1.742221	.3473717	65.81301	5.313392	5.655457	-.005936
#3	1.742307	.3387345	65.80333	5.301729	5.639525	-.002742

Sample Name: K4732-15 Acquired: 09/11/2019 17:24:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4149817	9.670903	1.810770	.1643396	.2826147	.0168311
Stddev	.0006662	.014873	.007622	.0011795	.0017271	.0008315
%RSD	.1605452	.1537935	.4209104	.7177292	.6111084	4.940390

#1	.4152599	9.687424	1.811181	.1656617	.2809863	.0159781
#2	.4154637	9.658579	1.818179	.1639615	.2844259	.0176393
#3	.4142214	9.666707	1.802952	.1633954	.2824318	.0168757

Elem	Sr4077
Units	ppm
Avg	.1349401
Stddev	.0001410
%RSD	.1044830

#1	.1347781
#2	.1350067
#3	.1350354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.338	3334.083	47736.73	8312.474	2447.751
Stddev	15.697	2.993	228.85	76.423	4.025
%RSD	.7448594	.0897596	.4794005	.9193812	.1644316

#1	2121.088	3334.599	47826.84	8358.565	2449.412
#2	2090.236	3336.784	47476.54	8224.258	2450.680
#3	2110.690	3330.865	47906.81	8354.600	2443.162

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV		ICV		
2	2	1	2	1	Unk	ICB		ICB		
3	3	1	3	1	Unk	ICSA		ICSA		
4	4	1	4	1	Unk	ICSAB		ICSAB		
5	5	1	5	1	Unk	CCV060	4	CCV060		
6	6	1	6	1	Unk	CCB060		CCB060		
7	7	1	7	1	Unk	PB122983BL		PBS983		
8	8	1	8	1	Unk	PB122983BS		LCS983		
9	9	1	9	1	Unk	PB122951BL		PBS951		
10	10	1	10	1	Unk	PB122951BS		LCS951		
11	11	1	11	1	Unk	K4733-01		MH0FF6		
12	12	1	12	1	Unk	K4733-02		MH0FF7		
13	13	1	1	2	Unk	K4733-03		MH0FF8		
14	14	1	2	2	Unk	K4733-04		MH0FF9		
15	15	1	3	2	Unk	K4733-05		MH0FG0		
16	16	1	4	2	Unk	K4733-06		MH0FG1		
17	17	1	5	2	Unk	K4733-07		MH0FG2		
18	18	1	6	2	Unk	K4733-08		MH0FG3		
19	19	1	7	2	Unk	K4733-09		MH0FG4		
20	20	1	8	2	Unk	K4733-10		MH0FG5		
21	21	1	9	2	Unk	CCV061		CCV061		
22	22	1	10	2	Unk	CCB061		CCB061		
23	23	1	11	2	Unk	K4733-11		MH0FG6		
24	24	1	12	2	Unk	K4733-12		MH0FG7		
25	25	1	1	3	Unk	K4733-13		MH0FG8		
26	26	1	2	3	Unk	K4733-14		MH0FG9		
27	27	1	3	3	Unk	K4733-15		MH0FH0		
28	28	1	4	3	Unk	K4733-16		MH0FH1		
29	29	1	5	3	Unk	K4733-17		MH0FH2		
30	30	1	6	3	Unk	K4733-18		MH0FH3		
31	31	1	7	3	Unk	K4733-19		MH0FH4		
32	32	1	8	3	Unk	K4733-20		MH0FH5		
33	33	1	9	3	Unk	K4733-21		MH0FH5D		
34	34	1	10	3	Unk	K4733-22		MH0FH5S		
35	35	1	11	3	Unk	K4733-20LX5		MH0FH5L		
36	36	1	12	3	Unk	K4732-01		MH0FD6		
37	37	1	1	4	Unk	K4732-02		MH0FD7		
38	38	1	2	4	Unk	K4732-03		MH0FD8		
39	39	1	3	4	Unk	K4732-04		MH0FD9		
40	40	1	4	4	Unk	K4732-05		MH0FE0		
41	41	1	5	4	Unk	K4732-06		MH0FE1		
42	42	1	6	4	Unk	K4732-07		MH0FE2		
43	43	1	7	4	Unk	CCV062		CCV062		
44	44	1	8	4	Unk	CCB062		CCB062		
45	44	1	8	4	Unk	CCB062		CCB062		
46	45	1	9	4	Unk	K4732-08		MH0FE3		
47	46	1	10	4	Unk	K4732-09		MH0FE4		
48	47	1	11	4	Unk	K4732-10		MH0FE5		
49	48	1	12	4	Unk	K4732-11		MH0FE6		
50	49	1	1	5	Unk	K4732-12		MH0FE7		
51	50	1	2	5	Unk	K4732-13		MH0FE8		
52	51	1	3	5	Unk	K4732-14		MH0FE9		
53	52	1	4	5	Unk	K4732-15		MH0FF0		
54	53	1	5	5	Unk	K4732-16		MH0FF1		
55	54	1	6	5	Unk	K4732-17		MH0FF2		
56	55	1	7	5	Unk	K4732-18		MH0FF3		
57	56	1	8	5	Unk	K4732-19		MH0FF4		
58	57	1	9	5	Unk	K4732-20		MH0FF5		
59	58	1	10	5	Unk	K4732-21		MH0FF5D		
60	59	1	11	5	Unk	K4732-22		MH0FF5S		
61	60	1	12	5	Unk	K4732-20LX5		MH0FF5L		
62	61	2	1	1	Unk	CCV063		CCV063		
63	66	2	6	1	Unk	CCB063		CCB063		

	CorrFact	Check	Check Table	Fail Action
1	1	X	ICV1	---
2	1	X	ICB,CCB,PBW,PBS	---
3	1	X	ICSA2	---
4	1	X	ICSAB2	---
5	1	X	CCV1	---
6	1	X	ICB,CCB,PBW,PBS	---
7	1	X	ICB,CCB,PBW,PBS	---
8	1	X	LCSS,LCSW	---
9	1	X	ICB,CCB,PBW,PBS	---
10	1	X	LCSS,LCSW	---
11	1	X	LR WITH 6 POINT	---
12	1	X	LR WITH 6 POINT	---
13	1	X	LR WITH 6 POINT	---
14	1	X	LR WITH 6 POINT	---
15	1	X	LR WITH 6 POINT	---
16	1	X	LR WITH 6 POINT	---
17	1	X	LR WITH 6 POINT	---
18	1	X	LR WITH 6 POINT	---
19	1	X	LR WITH 6 POINT	---
20	1	X	LR WITH 6 POINT	---
21	1	X	CCV1	---
22	1	X	ICB,CCB,PBW,PBS	---
23	1	X	LR WITH 6 POINT	---
24	1	X	LR WITH 6 POINT	---
25	1	X	LR WITH 6 POINT	---
26	1	X	LR WITH 6 POINT	---
27	1	X	LR WITH 6 POINT	---
28	1	X	LR WITH 6 POINT	---
29	1	X	LR WITH 6 POINT	---
30	1	X	LR WITH 6 POINT	---
31	1	X	LR WITH 6 POINT	---
32	1	X	LR WITH 6 POINT	---
33	1	X	LR WITH 6 POINT	---
34	1	X	LR WITH 6 POINT	---
35	1	X	LR WITH 6 POINT	---
36	1	X	LR WITH 6 POINT	---
37	1	X	LR WITH 6 POINT	---
38	1	X	LR WITH 6 POINT	---
39	1	X	LR WITH 6 POINT	---
40	1	X	LR WITH 6 POINT	---
41	1	X	LR WITH 6 POINT	---
42	1	X	LR WITH 6 POINT	---
43	1	X	CCV1	---
44	1	X	ICB,CCB,PBW,PBS	---
45	1	X	ICB,CCB,PBW,PBS	---
46	1	X	LR WITH 6 POINT	---
47	1	X	LR WITH 6 POINT	---
48	1	X	LR WITH 6 POINT	---
49	1	X	LR WITH 6 POINT	---
50	1	X	LR WITH 6 POINT	---
51	1	X	LR WITH 6 POINT	---
52	1	X	LR WITH 6 POINT	---
53	1	X	LR WITH 6 POINT	---
54	1	X	LR WITH 6 POINT	---
55	1	X	LR WITH 6 POINT	---
56	1	X	LR WITH 6 POINT	---
57	1	X	LR WITH 6 POINT	---
58	1	X	LR WITH 6 POINT	---
59	1	X	LR WITH 6 POINT	---
60	1	X	LR WITH 6 POINT	---
61	1	X	LR WITH 6 POINT	---
62	1	X	CCV1	---
63	1	X	ICB,CCB,PBW,PBS	---

Sample Name: K4732-16 Acquired: 09/11/2019 17:28:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.215499	.0216894	F 232.9961	.0000628	.0185375	51.93684
Stddev	.006251	.0028262	.7981	.0009520	.0042727	.30393
%RSD	.5142738	13.03048	.3425584	1515.464	23.04920	.5851829

#1	1.218880	.0187386	232.1090	-.000853	.0163312	51.58601
#2	1.208286	.0243719	233.2233	.001047	.0158190	52.10477
#3	1.219331	.0219578	233.6560	-.000006	.0234624	52.11975

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4244255	-.007350	3.384498	787.6072	.0116723	.0288783
Stddev	.0070794	.000095	.010914	8.2372	.0004293	.0004257
%RSD	1.667994	1.297130	.3224740	1.045846	3.677769	1.474092

#1	.4163884	-.007247	3.373223	780.5376	.0119854	.0284233
#2	.4271510	-.007367	3.385259	785.6314	.0111829	.0292669
#3	.4297370	-.007436	3.395011	796.6526	.0118485	.0289446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.086007	134.1887	F 186.5312	16.49677	.0308951	F 2.604221
Stddev	.015342	1.0571	.8366	.10805	.0009294	.001699
%RSD	.3754673	.7877631	.4484896	.6549882	3.008312	.0652278

#1	4.071033	133.0100	185.8436	16.37519	.0298723	2.606147
#2	4.101692	134.5033	186.2875	16.53330	.0316880	2.603580
#3	4.085296	135.0528	187.4626	16.58182	.0311249	2.602937

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.215314	.3695104	F 263.4443	11.70243	4.162993	.0361034
Stddev	.243042	.0065920	1.1120	.04065	.023000	.0014380
%RSD	7.558888	1.783993	.4220955	.3473790	.5524871	3.983032

#1	3.004356	.3619471	264.7038	11.67917	4.136962	.0375101
#2	3.481080	.3725494	262.5983	11.67876	4.171447	.0361640
#3	3.160506	.3740348	263.0308	11.74937	4.180569	.0346360

Sample Name: K4732-16 Acquired: 09/11/2019 17:28:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041425	F 340.5229	7.093769	.0056409	2.652011	.0565575
Stddev	.0001290	.7551	.076463	.0021909	.017422	.0016198
%RSD	.1238456	.2217578	1.077896	38.83940	.6569353	2.863958
#1	.1041618	339.6515	7.006591	.0046627	2.632283	.0565855
#2	.1042607	340.9329	7.149470	.0041095	2.658463	.0549239
#3	.1040049	340.9844	7.125245	.0081504	2.665286	.0581631

Elem	Sr4077
Units	ppm
Avg	.3506799
Stddev	.0012860
%RSD	.3667273
#1	.3492000
#2	.3513126
#3	.3515269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.626	2413.527	34818.65	6244.343	2196.357
Stddev	8.869	1.702	134.45	55.536	5.638
%RSD	.5821282	.0705086	.3861331	.8893764	.2566964
#1	1519.399	2415.200	34711.08	6305.021	2202.331
#2	1533.818	2411.798	34969.38	6231.970	2191.130
#3	1517.660	2413.582	34775.49	6196.037	2195.611

Sample Name: K4732-17 Acquired: 09/11/2019 17:33:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176776	.0059634	F 75.91309	.0013752	.0106304	75.77582
Stddev	.004422	.0079951	.11867	.0030047	.0019117	.12279
%RSD	.3758075	134.0688	.1563176	218.4860	17.98295	.1620494

#1	1.172058	.0030970	75.81552	.0004442	.0128175	75.78740
#2	1.177445	-.000203	76.04519	.0047352	.0092778	75.89240
#3	1.180827	.014997	75.87855	-.001054	.0097960	75.64764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7161446	.0023781	1.320709	389.3667	.0367531	.0312276
Stddev	.0033536	.0000786	.001196	1.7507	.0005716	.0003193
%RSD	.4682909	3.304874	.0905364	.4496197	1.555212	1.022411

#1	.7152565	.0022877	1.319341	389.9068	.0367221	.0313990
#2	.7198529	.0024310	1.321554	390.7837	.0361976	.0314247
#3	.7133244	.0024154	1.321231	387.4096	.0373395	.0308593

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.331913	111.3914	F 62.47106	20.38426	.0399930	2.363077
Stddev	.015315	.3132	.61297	.08117	.0007160	.007755
%RSD	.2872254	.2811861	.9812030	.3981922	1.790325	.3281723

#1	5.349484	111.6207	62.21223	20.36949	.0406109	2.363099
#2	5.321399	111.5190	63.17099	20.47180	.0401598	2.370821
#3	5.324856	111.0345	62.02997	20.31149	.0392083	2.355311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.469051	.3062725	F 143.8891	10.42750	8.480814	.0421587
Stddev	.193375	.0031017	1.1942	.06234	.032702	.0021041
%RSD	2.283314	1.012743	.8299117	.5978802	.3855997	4.990949

#1	8.310545	.3033889	144.6142	10.49917	8.487499	.0437251
#2	8.412103	.3095540	142.5108	10.38587	8.445286	.0397671
#3	8.684505	.3058745	144.5422	10.39744	8.509658	.0429841

Sample Name: K4732-17 Acquired: 09/11/2019 17:33:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368887	F 187.0134	5.389700	.0241748	2.292708	.0492316
Stddev	.0004517	.4092	.031677	.0014589	.004828	.0007516
%RSD	.3299705	.2188061	.5877311	6.034627	.2105878	1.526724
#1	.1368927	186.7457	5.363858	.0251798	2.292828	.0500783
#2	.1364351	186.8100	5.425039	.0248430	2.297475	.0486431
#3	.1373384	187.4845	5.380204	.0225015	2.287821	.0489733

Elem	Sr4077
Units	ppm
Avg	.4199849
Stddev	.0011663
%RSD	.2776906
#1	.4212963
#2	.4195941
#3	.4190641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.956	2535.732	36439.60	6572.586	2301.986
Stddev	1.099	2.125	233.39	61.690	2.930
%RSD	.0687897	.0838093	.6404833	.9386012	.1272878
#1	1596.922	2534.363	36495.51	6611.495	2303.957
#2	1595.875	2538.180	36183.34	6501.457	2298.618
#3	1598.071	2534.652	36639.96	6604.806	2303.381

Sample Name: K4732-18 Acquired: 09/11/2019 17:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.314354	.0121026	F 315.0536	.0175195	.0239929	73.32977
Stddev	.002066	.0026973	.7154	.0010012	.0013291	.07919
%RSD	.0892882	22.28695	.2270754	5.714613	5.539653	.1079863

#1	2.315263	.0124717	314.8471	.0185702	.0252843	73.38266
#2	2.311988	.0145964	314.4641	.0165765	.0240654	73.36792
#3	2.315809	.0092398	315.8495	.0174118	.0226291	73.23873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7927830	.0047493	.1688104	163.5680	.0280016	.0325883
Stddev	.0107325	.0000683	.0008492	.8339	.0006227	.0001056
%RSD	1.353777	1.437625	.5030188	.5098321	2.223678	.3239544

#1	.8051515	.0046831	.1686039	164.5169	.0275221	.0326198
#2	.7859271	.0048195	.1680836	162.9520	.0287053	.0326744
#3	.7872703	.0047454	.1697438	163.2349	.0277773	.0324705

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.097167	141.6652	F 83.84718	19.32327	.0490396	1.958197
Stddev	.026999	.2229	1.23652	.04063	.0001527	.006993
%RSD	.2967835	.1573591	1.474727	.2102828	.3112790	.3571333

#1	9.066007	141.4143	84.41932	19.27729	.0489304	1.950411
#2	9.113593	141.7409	82.42821	19.33816	.0489744	1.963945
#3	9.111902	141.8405	84.69402	19.35435	.0492141	1.960235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.989871	.4236230	F 106.0206	18.04436	7.971811	.0009124
Stddev	.115944	.0041041	1.7804	.12275	.026949	.0045754
%RSD	2.323588	.9688156	1.679272	.6802476	.3380548	501.4774

#1	4.856375	.4259468	103.9915	17.98484	8.002405	-.004289
#2	5.065403	.4188842	106.7492	18.18552	7.961439	.002712
#3	5.047834	.4260379	107.3211	17.96272	7.951589	.004315

Sample Name: K4732-18 Acquired: 09/11/2019 17:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5612726	F 162.9566	3.065735	.0076239	1.418822	.0381956
Stddev	.0029776	.2561	.037196	.0015113	.002627	.0007808
%RSD	.5305017	.1571881	1.213292	19.82325	.1851340	2.044319
#1	.5578492	163.2112	3.107841	.0085761	1.418960	.0378050
#2	.5627083	162.6990	3.052025	.0084143	1.421377	.0376871
#3	.5632603	162.9597	3.037340	.0058813	1.416129	.0390947

Elem	Sr4077
Units	ppm
Avg	.7372409
Stddev	.0021269
%RSD	.2885008
#1	.7365392
#2	.7396301
#3	.7355535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.159	2854.163	41088.99	7256.855	2360.186
Stddev	11.483	1.654	167.16	75.889	4.895
%RSD	.6403902	.0579493	.4068140	1.045755	.2073841
#1	1804.257	2854.885	41198.26	7174.472	2356.194
#2	1781.326	2855.333	40896.56	7272.181	2365.647
#3	1793.894	2852.271	41172.15	7323.911	2358.718

Sample Name: K4732-19 Acquired: 09/11/2019 17:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.168444	.0307957	F 553.3585	.0186546	.0703383	51.79618
Stddev	.001112	.0041895	2.2062	.0018812	.0023644	.06101
%RSD	.0266682	13.60421	.3986981	10.08469	3.361475	.1177808

#1	4.167743	.0355477	554.7029	.0207058	.0730372	51.86460
#2	4.169726	.0292040	550.8123	.0170097	.0686318	51.77649
#3	4.167864	.0276352	554.5603	.0182482	.0693459	51.74745

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8266554	-.001314	.1815355	41.07832	.0048944	.0302082
Stddev	.0037447	.000022	.0004686	.01730	.0001934	.0001470
%RSD	.4529960	1.639655	.2581212	.0421066	3.950403	.4866030

#1	.8308169	-.001305	.1811479	41.09829	.0050739	.0300756
#2	.8235576	-.001338	.1814023	41.06840	.0049195	.0303663
#3	.8255917	-.001297	.1820562	41.06826	.0046897	.0301827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.159384	185.9304	F 149.6280	13.94544	.0387963	2.017972
Stddev	.010886	.1256	1.8020	.07309	.0002974	.010759
%RSD	.1188556	.0675276	1.204341	.5241435	.7664851	.5331708

#1	9.169882	185.9515	149.2222	14.02556	.0386414	2.015286
#2	9.148147	185.7957	151.5983	13.92839	.0391391	2.008811
#3	9.160122	186.0441	148.0634	13.88238	.0386083	2.029820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.696205	.5053154	F 137.2786	13.08124	9.194579	.0118588
Stddev	.077495	.0051785	1.2288	.09633	.010336	.0016891
%RSD	1.650159	1.024801	.8951475	.7363801	.1124092	14.24349

#1	4.607917	.5100008	136.4466	12.97584	9.206507	.0105511
#2	4.752974	.4997552	136.6992	13.16472	9.188270	.0112594
#3	4.727724	.5061900	138.6900	13.10315	9.188961	.0137659

Sample Name: K4732-19 Acquired: 09/11/2019 17:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9476418	F 104.6632	3.413725	.0433093	.9834848	.0338642
Stddev	.0004972	.3780	.020256	.0004092	.0010689	.0004438
%RSD	.0524662	.3611418	.5933729	.9447520	.1086801	1.310400
#1	.9481973	104.3483	3.427723	.0428404	.9845386	.0335831
#2	.9472386	104.5589	3.422954	.0435940	.9824015	.0336337
#3	.9474894	105.0824	3.390497	.0434935	.9835143	.0343757

Elem	Sr4077
Units	ppm
Avg	.7811830
Stddev	.0026114
%RSD	.3342822
#1	.7841116
#2	.7803403
#3	.7790970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.195	2923.650	42315.31	7409.048	2377.379
Stddev	18.047	2.427	211.43	48.041	4.321
%RSD	.9849680	.0830220	.4996489	.6484132	.1817489
#1	1852.622	2923.762	42559.25	7421.253	2380.288
#2	1818.415	2921.169	42184.79	7356.081	2372.414
#3	1825.547	2926.020	42201.89	7449.809	2379.435

Sample Name: K4732-20 Acquired: 09/11/2019 17:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808710	.0391906	F 583.0689	.0199128	.1067593	52.70780
Stddev	.004425	.0025312	2.0711	.0019358	.0016118	.24029
%RSD	.0920264	6.458795	.3552113	9.721582	1.509770	.4558985

#1	4.804879	.0377034	584.0955	.0221296	.1085666	52.88742
#2	4.807698	.0377551	580.6850	.0190534	.1062407	52.43484
#3	4.813554	.0421133	584.4262	.0185555	.1054706	52.80114

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7227117	-.002102	.2342303	45.06099	.0036178	.0335426
Stddev	.0114747	.000073	.0007145	.46267	.0011768	.0001458
%RSD	1.587726	3.458177	.3050488	1.026755	32.52765	.4345661

#1	.7338618	-.002065	.2349893	45.51658	.0038196	.0336283
#2	.7109378	-.002186	.2341308	44.59156	.0046806	.0333743
#3	.7233354	-.002055	.2335707	45.07483	.0023531	.0336253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43181	195.6354	F 166.9775	14.63874	.0408956	1.983722
Stddev	.01026	1.0352	1.6124	.03626	.0002518	.007976
%RSD	.0983974	.5291538	.9656271	.2477310	.6155967	.4020870

#1	10.42137	196.4156	166.6274	14.66389	.0408688	1.990867
#2	10.43218	194.4610	165.5688	14.59717	.0406584	1.975116
#3	10.44188	196.0296	168.7361	14.65516	.0411597	1.985183

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834436	.5364844	F 149.4754	13.18143	F 10.30638	.0065143
Stddev	.049622	.0085800	.7055	.02881	.01597	.0014909
%RSD	1.026423	1.599301	.4720015	.2185605	.1549449	22.88609

#1	4.804277	.5373410	148.9402	13.17441	10.30394	.0054561
#2	4.807325	.5275082	149.2110	13.15679	10.29177	.0058675
#3	4.891708	.5446039	150.2749	13.21311	10.32343	.0082194

Sample Name: K4732-20 Acquired: 09/11/2019 17:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057023	F 120.6579	3.634375	.0450974	.9370995	.0378256
Stddev	.000995	.2185	.021038	.0018103	.0051231	.0007216
%RSD	.0940910	.1810742	.5788529	4.014229	.5466971	1.907806
#1	1.055911	120.8925	3.655540	.0445466	.9408476	.0380263
#2	1.057330	120.6211	3.613467	.0436266	.9312619	.0370249
#3	1.057828	120.4602	3.634119	.0471192	.9391890	.0384257

Elem	Sr4077
Units	ppm
Avg	.7303078
Stddev	.0004267
%RSD	.0584288
#1	.7307226
#2	.7298701
#3	.7303306

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.059	3001.602	43605.37	7560.772	2378.055
Stddev	8.423	4.285	240.08	59.679	5.168
%RSD	.4449389	.1427545	.5505672	.7893298	.2173307
#1	1896.675	3001.922	43456.38	7505.624	2377.550
#2	1899.070	3005.717	43882.32	7624.132	2383.458
#3	1883.432	2997.165	43477.41	7552.561	2373.158

Sample Name: K4732-21 Acquired: 09/11/2019 17:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.996568	.0373211	F 579.8813	.0203686	.0986438	52.29436
Stddev	.010611	.0027363	1.0919	.0012920	.0016489	.29740
%RSD	.2123582	7.331652	.1882971	6.343312	1.671574	.5687117

#1	4.999711	.0355788	579.8962	.0189210	.0987914	52.13452
#2	4.984742	.0359097	578.7820	.0214052	.1002140	52.11106
#3	5.005253	.0404749	580.9656	.0207795	.0969261	52.63751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7153356	-.002151	.2350499	44.18474	.0041429	.0336568
Stddev	.0075727	.000153	.0005282	.29304	.0000872	.0001901
%RSD	1.058616	7.123606	.2247276	.6632120	2.105700	.5648939

#1	.7101086	-.002209	.2346435	44.05270	.0040842	.0338719
#2	.7118784	-.002268	.2348591	43.98096	.0042432	.0335114
#3	.7240199	-.001978	.2356469	44.52057	.0041014	.0335870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87883	194.5966	F 165.0908	14.58356	.0402837	1.962102
Stddev	.04767	.9061	.7326	.04318	.0003872	.003442
%RSD	.4381607	.4656279	.4437284	.2960580	.9611903	.1754053

#1	10.90634	194.2752	164.3606	14.59252	.0404454	1.958562
#2	10.82379	193.8951	165.8257	14.53661	.0398418	1.962308
#3	10.90636	195.6196	165.0863	14.62155	.0405638	1.965436

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.828617	.5318742	F 148.9726	13.17178	F 10.16920	.0046422
Stddev	.072223	.0084692	.7522	.07276	.06146	.0012618
%RSD	1.495719	1.592331	.5049235	.5523565	.6043864	27.17965

#1	4.804467	.5293887	149.2979	13.10068	10.21328	.0043273
#2	4.909820	.5249259	149.5075	13.16857	10.19532	.0035678
#3	4.771563	.5413081	148.1125	13.24608	10.09899	.0060316

Sample Name: K4732-21 Acquired: 09/11/2019 17:50:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FF5D Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.050600	F 120.5182	3.648001	.0483958	.9329175	.0373996
Stddev	.002770	.5188	.027248	.0011485	.0039909	.0012572
%RSD	.2636952	.4304477	.7469323	2.373073	.4277863	3.361595
#1	1.052030	120.8356	3.641902	.0495006	.9317389	.0378320
#2	1.047407	120.7994	3.624320	.0484787	.9296487	.0359832
#3	1.052364	119.9195	3.677782	.0472081	.9373650	.0383835

Elem	Sr4077
Units	ppm
Avg	.7334789
Stddev	.0022993
%RSD	.3134727
#1	.7333702
#2	.7312359
#3	.7358305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.794	3024.603	43844.20	7630.566	2393.694
Stddev	14.371	6.569	175.32	7.420	3.354
%RSD	.7536530	.2172011	.3998645	.0972418	.1401336
#1	1908.572	3018.359	43943.51	7633.554	2390.091
#2	1891.617	3031.456	43641.77	7636.027	2396.726
#3	1920.192	3023.994	43947.31	7622.118	2394.264

Sample Name: K4732-22 Acquired: 09/11/2019 17:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.475310	.1505453	F 624.4675	.0906809	.1402065	61.28807
Stddev	.007927	.0055049	5.1681	.0024748	.0010899	.08161
%RSD	.1771242	3.656614	.8275989	2.729145	.7773275	.1331566

#1	4.482576	.1447163	627.7858	.0935098	.1389658	61.19387
#2	4.466856	.1556553	618.5129	.0896164	.1406445	61.33264
#3	4.476497	.1512645	627.1038	.0889164	.1410093	61.33768

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.654008	.0794939	.3388426	49.74318	.3243195	1.130661
Stddev	.044865	.0002373	.0011560	.25273	.0008423	.004460
%RSD	1.227840	.2984578	.3411663	.5080777	.2597136	.3944888

#1	3.602431	.0794299	.3398950	49.46158	.3246110	1.134678
#2	3.684003	.0797565	.3376053	49.95031	.3233702	1.125861
#3	3.675592	.0792951	.3390274	49.81766	.3249774	1.131444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.714743	211.3409	F 168.5163	16.08228	1.180046	2.106109
Stddev	.022188	.4271	.5293	.07920	.004205	.011089
%RSD	.2284002	.2020690	.3140660	.4924554	.3563688	.5265181

#1	9.740011	211.6071	168.1791	16.16421	1.182695	2.117717
#2	9.705775	211.5674	169.1263	16.00613	1.175197	2.095624
#3	9.698441	210.8484	168.2435	16.07648	1.182245	2.104988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.177685	1.364464	F 152.1682	14.32766	F 10.65625	.0094606
Stddev	.138693	.009919	.8747	.10259	.04757	.0007739
%RSD	2.678670	.7269740	.5748332	.7159966	.4464438	8.180264

#1	5.317260	1.354200	152.8445	14.37358	10.70237	.0099566
#2	5.175902	1.373999	151.1804	14.21014	10.60735	.0098564
#3	5.039891	1.365192	152.4797	14.39927	10.65903	.0085689

Sample Name: K4732-22 Acquired: 09/11/2019 17:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087930	F 122.9516	4.408888	.0477242	1.159385	.0403322
Stddev	.004586	.4699	.008245	.0012413	.003240	.0003542
%RSD	.4215785	.3821921	.1870024	2.600983	.2794190	.8782176
#1	1.086593	123.4232	4.402971	.0491246	1.160675	.0401695
#2	1.084160	122.4834	4.418306	.0472885	1.161782	.0400886
#3	1.093036	122.9480	4.405389	.0467595	1.155700	.0407385

Elem	Sr4077
Units	ppm
Avg	.7410691
Stddev	.0014234
%RSD	.1920792
#1	.7417416
#2	.7394340
#3	.7420317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.913	2999.071	43524.92	7553.455	2352.141
Stddev	22.349	6.689	263.19	28.141	12.156
%RSD	1.184446	.2230333	.6046809	.3725559	.5167947
#1	1884.920	2993.259	43353.44	7560.117	2338.620
#2	1910.192	3006.382	43827.95	7577.666	2362.164
#3	1865.626	2997.571	43393.37	7522.580	2355.639

Sample Name: K4732-20LX5 Acquired: 09/11/2019 17:58:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.273547	-.000500	F 125.2109	.0030985	.0201213	13.08384
Stddev	.001454	.002740	.0871	.0014681	.0006025	.02880
%RSD	.1141802	547.7233	.0696023	47.38117	2.994279	.2201147

#1	1.272152	-.003493	125.1677	.0025991	.0207785	13.11481
#2	1.273436	.001885	125.1538	.0019452	.0199903	13.05786
#3	1.275054	.000107	125.3112	.0047511	.0195950	13.07886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792857	-.000578	.0480075	11.22250	.0004050	.0064249
Stddev	.0012400	.000089	.0001498	.06187	.0003746	.0000872
%RSD	.6916517	15.34822	.3120663	.5512792	92.49246	1.357657

#1	.1801206	-.000520	.0478349	11.27931	.0003198	.0063400
#2	.1778608	-.000533	.0480839	11.15659	.0000804	.0064204
#3	.1798757	-.000680	.0481038	11.23160	.0008149	.0065143

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.692610	48.76713	F 44.58264	3.668350	.0082651	.5322480
Stddev	.007764	.20173	.25841	.024289	.0004340	.0027776
%RSD	.2883397	.4136538	.5796122	.6621346	5.251328	.5218574

#1	2.683831	48.96523	44.85311	3.683569	.0078176	.5336265
#2	2.695425	48.56196	44.33828	3.681143	.0082934	.5290508
#3	2.698573	48.77421	44.55655	3.640338	.0086843	.5340666

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.194776	.1417272	F 41.83672	2.901373	2.098107	-.003854
Stddev	.283841	.0027582	.27823	.039157	.010315	.001015
%RSD	23.75685	1.946164	.6650430	1.349588	.4916454	26.32668

#1	1.267430	.1448497	41.68310	2.858069	2.093425	-.004921
#2	1.435229	.1407096	41.66917	2.934286	2.090963	-.002901
#3	.881670	.1396224	42.15790	2.911763	2.109933	-.003742

Sample Name: K4732-20LX5 Acquired: 09/11/2019 17:58:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2629711	24.82764	.9153802	.0095131	.2330753	.0070824
Stddev	.0008278	.01743	.0115576	.0006813	.0018652	.0008288
%RSD	.3147707	.0702137	1.262607	7.161399	.8002513	11.70173
#1	.2631706	24.84238	.9280321	.0093660	.2336889	.0069406
#2	.2620619	24.80840	.9127322	.0089175	.2309806	.0079729
#3	.2636810	24.83213	.9053764	.0102560	.2345564	.0063337

Elem	Sr4077
Units	ppm
Avg	.1805332
Stddev	.0001880
%RSD	.1041324
#1	.1806909
#2	.1805835
#3	.1803252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1563.294	2461.178	35162.58	6149.286	2449.928
Stddev	7.481	.370	187.85	68.610	3.711
%RSD	.4785590	.0150507	.5342386	1.115742	.1514626
#1	1555.888	2461.220	35052.53	6073.657	2452.724
#2	1563.144	2460.789	35379.48	6166.668	2445.718
#3	1570.848	2461.526	35055.71	6207.534	2451.342

Sample Name: CCV063 Acquired: 09/11/2019 18:02:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051189	5.092545	24.87384	4.778847	5.104356	407.3894
Stddev	.006695	.013107	.07708	.003629	.004805	2.1801
%RSD	.1325341	.2573784	.3098762	.0759481	.0941426	.5351368

#1	5.047502	5.097596	24.80288	4.774913	5.107069	409.3552
#2	5.047148	5.077663	24.86278	4.782065	5.098807	405.0447
#3	5.058916	5.102374	24.95585	4.779564	5.107190	407.7683

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10349	.5258145	2.436709	416.1641	15.44873	2.525014
Stddev	.09185	.0021666	.004963	3.4466	.04809	.005269
%RSD	.9091030	.4120451	.2036778	.8281859	.3113012	.2086563

#1	10.00806	.5271939	2.432564	412.3382	15.43706	2.519744
#2	10.19129	.5269322	2.435355	419.0264	15.40754	2.525017
#3	10.11112	.5233173	2.442209	417.1277	15.50158	2.530281

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18220	410.0517	15.21946	406.1284	2.589525	1.314159
Stddev	.05552	2.6002	.10115	2.3890	.012717	.010924
%RSD	.3656893	.6341252	.6645858	.5882411	.4911098	.8312535

#1	15.12406	407.0732	15.10437	403.4639	2.577665	1.306475
#2	15.18789	411.8688	15.29420	408.0793	2.587957	1.309337
#3	15.23466	411.2132	15.25982	406.8420	2.602954	1.326664

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.7101	2.456195	14.12190	159.2186	F 5.690923	5.129178
Stddev	1.3834	.011951	.09526	.4016	.018922	.004882
%RSD	.3426739	.4865630	.6745870	.2522469	.3324948	.0951814

#1	402.3845	2.445171	14.01308	159.2387	5.708411	5.128909
#2	405.1449	2.468896	14.19026	158.8072	5.670836	5.134189
#3	403.6011	2.454519	14.16234	159.6097	5.693522	5.124436

Sample Name: CCV063 Acquired: 09/11/2019 18:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966807	5.146460	5.135585	5.056069	5.086026	5.263033
Stddev	.009322	.006602	.009526	.016261	.036723	.046675
%RSD	.1876938	.1282774	.1854939	.3216067	.7220320	.8868540

#1	4.976582	5.148778	5.132387	5.053015	5.045165	5.210062
#2	4.958016	5.139011	5.146299	5.041553	5.116273	5.298129
#3	4.965823	5.151589	5.128069	5.073641	5.096639	5.280908

Elem	Sr4077
Units	ppm
Avg	4.997240
Stddev	.019870
%RSD	.3976178

#1	4.975547
#2	5.014558
#3	5.001615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.168	2006.615	29745.79	5463.205	2082.714
Stddev	2.869	5.958	197.94	16.573	3.692
%RSD	.2343906	.2968971	.6654531	.3033483	.1772735

#1	1227.384	1999.764	29916.00	5474.914	2081.381
#2	1221.869	2009.498	29792.79	5444.243	2086.887
#3	1223.252	2010.583	29528.57	5470.459	2079.873

Sample Name: CCB063 Acquired: 09/11/2019 18:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025118	-.003143	.0092831	.0017892	.0001458	.0035156	.0010186
Stddev	.0010591	.001156	.0013112	.0021820	.0011188	.0035379	.0002046
%RSD	42.16561	36.77338	14.12401	121.9577	767.0977	100.6351	20.08240

#1	.0033836	-.001809	.0088865	.0005812	.0014298	.0022696	.0010600
#2	.0013332	-.003782	.0107468	.0043081	-.000619	.0007692	.0011993
#3	.0028186	-.003837	.0082161	.0004783	-.000373	.0075079	.0007965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000441	-.000020	-.005935	-.001190	.0000761	-.001116	.0009074
Stddev	.0000253	.000045	.002980	.000159	.0003231	.001529	.0052849
%RSD	57.27178	230.0814	50.21635	13.39474	424.5780	137.0705	582.4206

#1	.0000726	-.000061	-.009226	-.001012	.0001493	-.000171	-.004376
#2	.0000243	.000029	-.003419	-.001319	-.000277	-.002880	.000905
#3	.0000356	-.000027	-.005159	-.001239	.000356	-.000296	.006194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005203	.0197962	-.000145	-.000264	.0802115	-.001558	.0002742
Stddev	.0003317	.0098668	.000448	.000271	.1931359	.002359	.0003238
%RSD	63.75760	49.84179	309.7298	102.5707	240.7833	151.4703	118.0847

#1	.0005055	.0292004	-.000117	.000049	.2311773	-.001961	-.000072
#2	.0001963	.0095242	-.000606	-.000427	.1468850	.000978	.000570
#3	.0008592	.0206641	.000289	-.000415	-.137428	-.003689	.000324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223120	.0004395	-.004899	.0004370	-.001377	-.000275	.0001935
Stddev	.080373	.0019959	.000993	.0004559	.002881	.000492	.0011799
%RSD	36.02235	454.0942	20.26766	104.3420	209.3044	178.6949	609.8751

#1	-.315130	-.000676	-.005283	.0005045	.001089	.000285	.0013290
#2	-.187625	.002744	-.003771	.0008553	-.004544	-.000473	-.001026
#3	-.166605	-.000749	-.005642	-.000049	-.000675	-.000638	.000278

Sample Name: CCB063 Acquired: 09/11/2019 18:49:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v964) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009009	-.002438	.0000201
Stddev	.0003192	.000454	.0000292
%RSD	35.42812	18.63621	145.3948

#1	.0011949	-.002362	.0000057
#2	.0009465	-.002026	.0000537
#3	.0005614	-.002925	.0000008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.244	2342.790	33487.23	5796.594	2500.072
Stddev	9.804	2.659	240.48	70.522	6.731
%RSD	.6592195	.1135089	.7181363	1.216603	.2692332

#1	1498.558	2343.853	33618.57	5752.031	2499.263
#2	1481.235	2344.754	33633.44	5877.900	2507.171
#3	1481.940	2339.764	33209.67	5759.851	2493.782