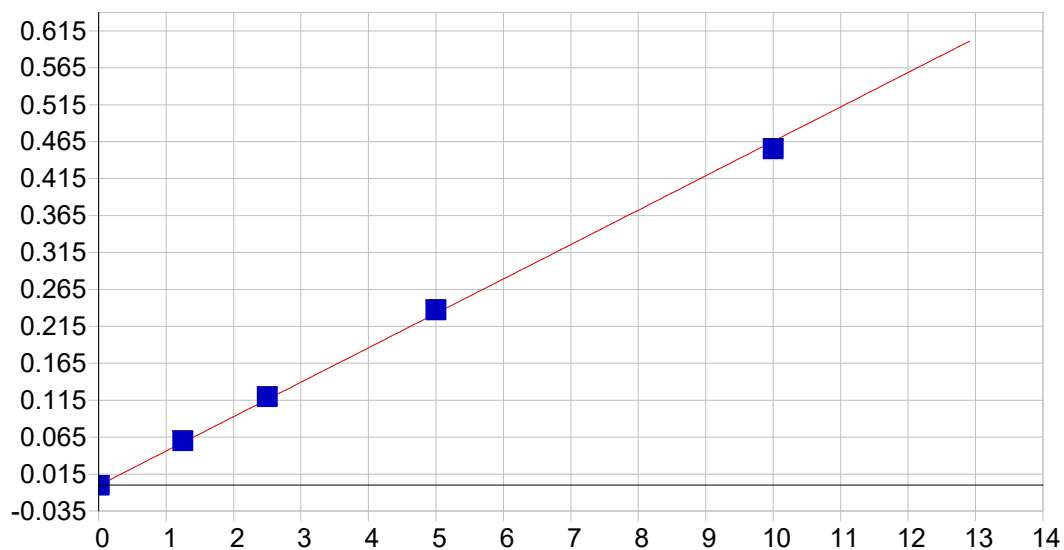


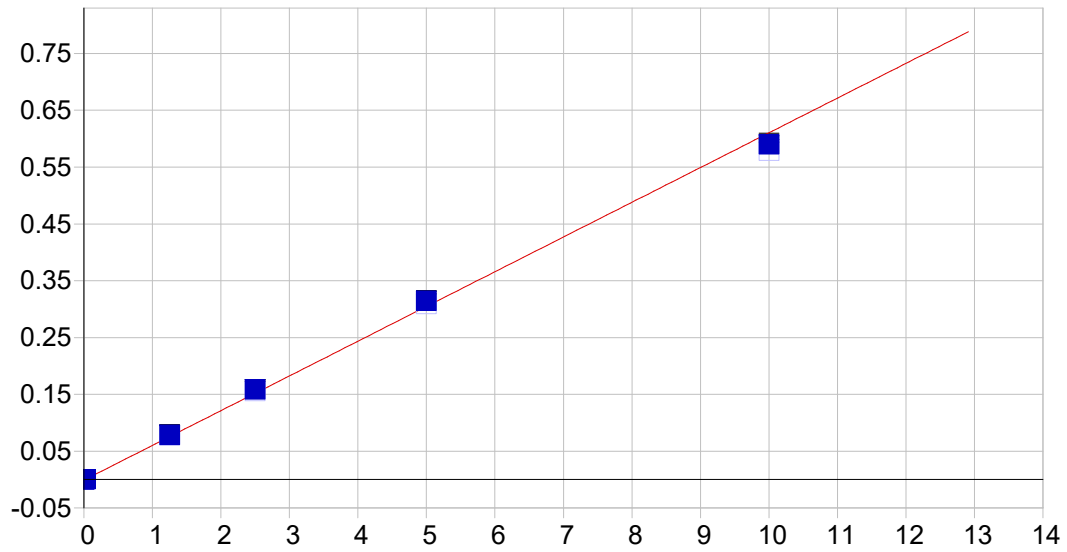


As 189.042 {479}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000476	Re-Slope:	1.000000
A1 (Gain):	0.046593	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.003114		
Predicted MQL:	0.010379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.01000	.01016	.000	1.63	-.00000	.000	1
S2	1.2500	1.2914	.041	3.31	.05948	.000	1
S3	2.5000	2.5755	.075	3.02	.11911	.000	1
S4	5.0000	5.0999	.100	2.00	.23632	.000	1
S5	10.000	9.7831	-.217	-2.17	.45368	.000	1

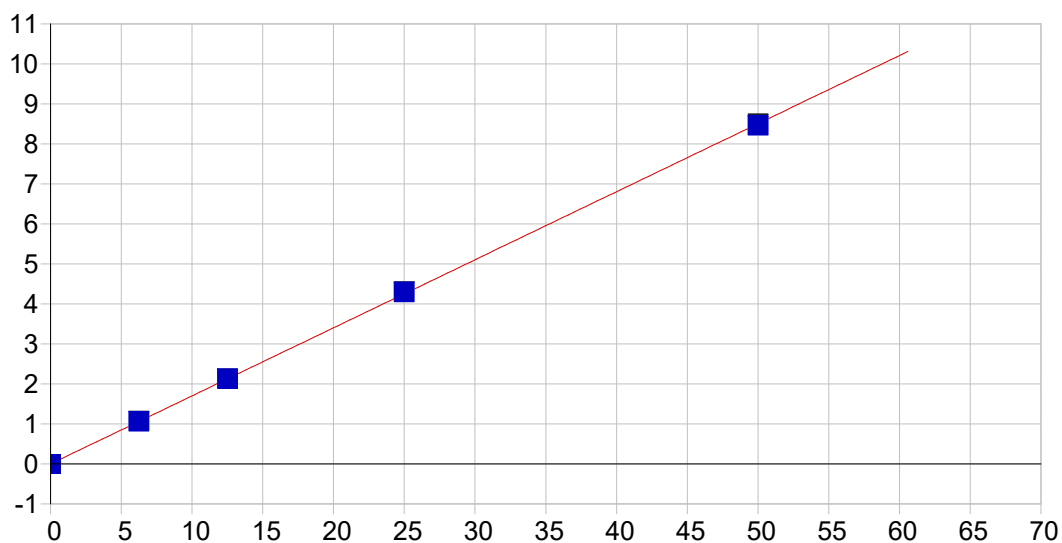


TI 190.856 {477}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.061145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999350 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002368
 Predicted MQL: 0.007894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00110	.000	1
S1	.02500	.02729	.002	9.15	.00050	.000	1
S2	1.2500	1.3036	.054	4.29	.07720	.001	1
S3	2.5000	2.6127	.113	4.51	.15584	.000	1
S4	5.0000	5.1601	.160	3.20	.30878	.000	1
S5	10.000	9.6713	-.329	-3.29	.57898	.002	1

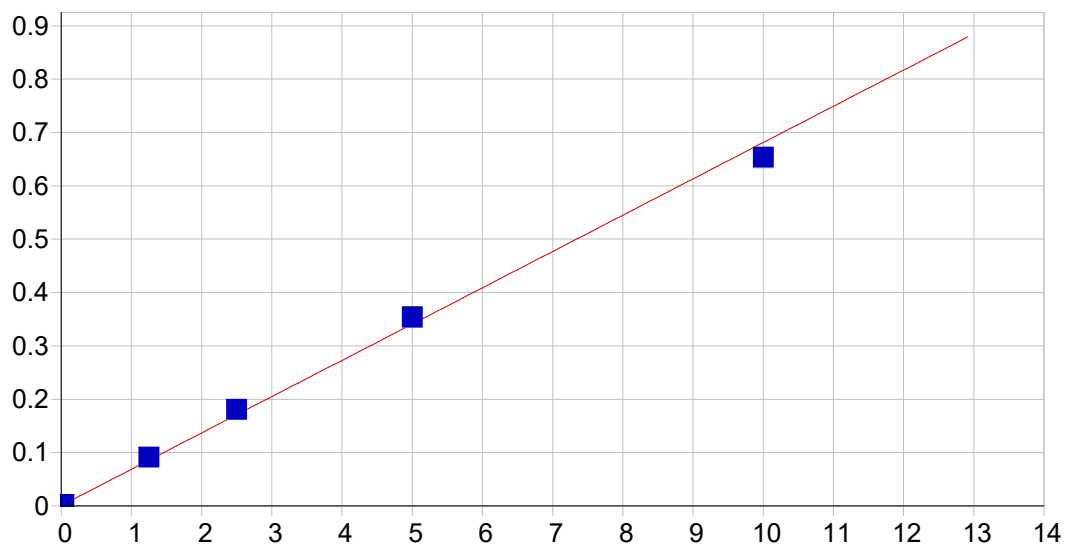


Pb 220.353 {453}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000091	Re-Slope:	1.000000
A1 (Gain):	0.170124	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.001955		
Predicted MQL:	0.006517		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.01000	.01010	.000	1.04	.00163	.000	1
S2	6.2500	6.2376	-.012	-.199	1.0610	.001	1
S3	12.500	12.497	-.003	-.023	2.1258	.004	1
S4	25.000	25.264	.264	1.06	4.2975	.006	1
S5	50.000	49.751	-.249	-.498	8.4629	.031	1

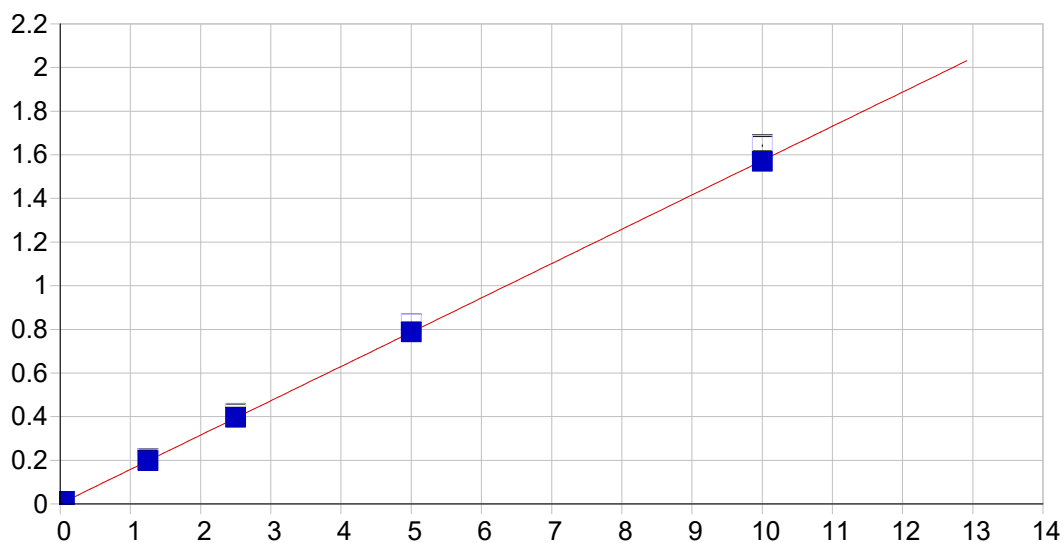


Se 196.090 {472}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000680	Re-Slope:	1.000000
A1 (Gain):	0.068035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999007	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.002502		
Predicted MQL:	0.008341		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.03500	.03685	.002	5.28	.00319	.000	1
S2	1.2500	1.3283	.078	6.26	.09083	.000	1
S3	2.5000	2.6460	.146	5.84	.18025	.000	1
S4	5.0000	5.1844	.184	3.69	.35250	.001	1
S5	10.000	9.5895	-.411	-4.11	.65131	.001	1

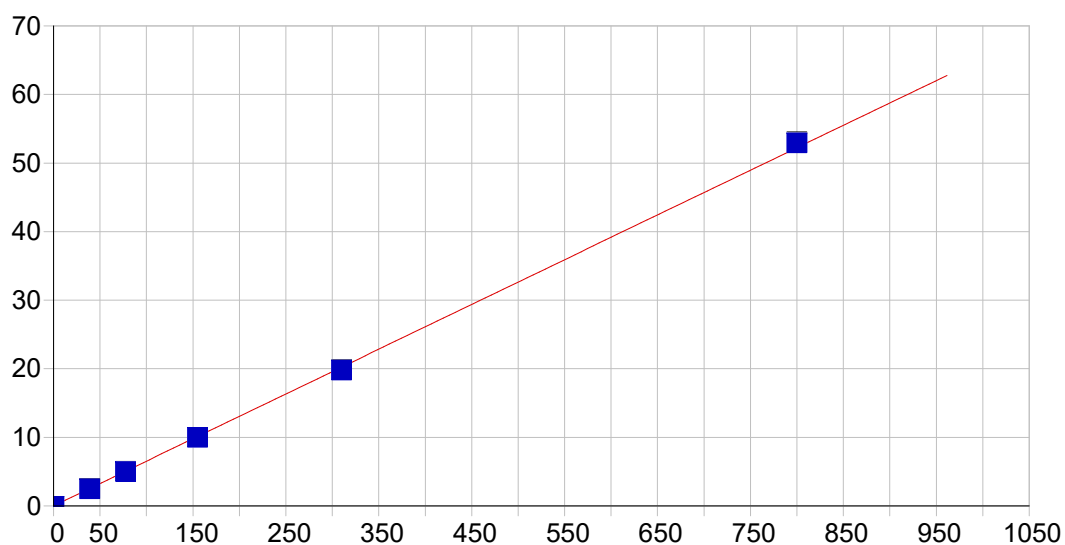


Sb 206.833 {463}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000824 Re-Slope: 1.000000
 A1 (Gain): 0.157236 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001540
 Predicted MQL: 0.005132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00082	.000	1
S1	.06000	.06508	.005	8.47	.01107	.000	1
S2	1.2500	1.2530	.003	.238	.20688	.000	1
S3	2.5000	2.5128	.013	.510	.41402	.001	1
S4	5.0000	5.0015	.002	.030	.82344	.001	1
S5	10.000	9.9779	-.022	-.221	1.6421	.003	1

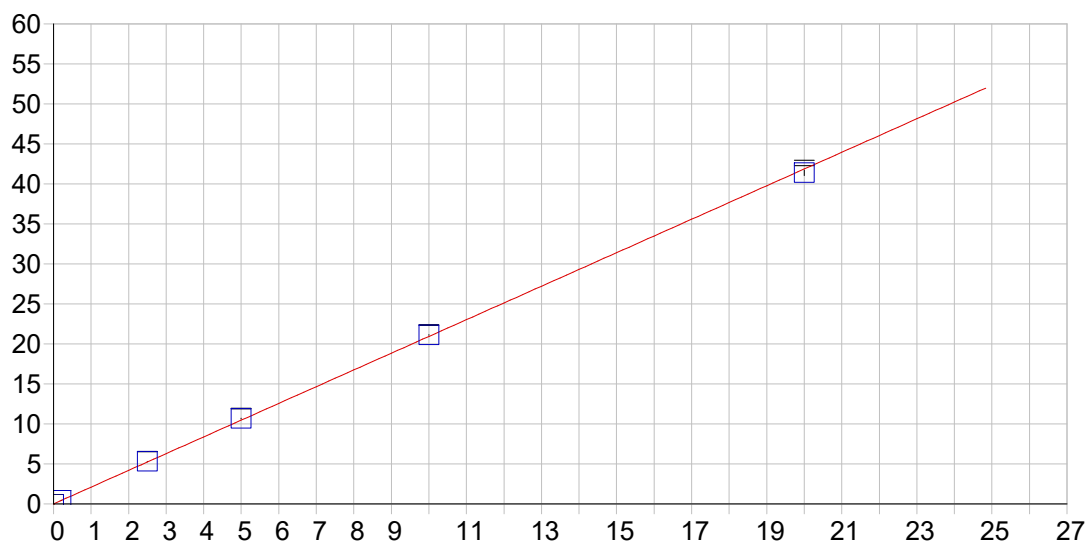


AI 396.152 { 85}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002543 Re-Slope: 1.000000
 A1 (Gain): 0.065282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000651
 Predicted MDL: 0.008404
 Predicted MQL: 0.028014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00254	.000	1
S1	.20000	.20127	.001	.634	.01591	.001	1
S2	38.750	37.911	-.839	-2.17	2.4825	.008	1
S3	77.500	76.393	-1.11	-1.43	4.9997	.017	1
S4	155.00	152.73	-2.27	-1.47	9.9931	.006	1
S5	310.00	303.39	-6.61	-2.13	19.849	.042	1
S6	800.00	810.84	10.8	1.36	52.968	.109	1

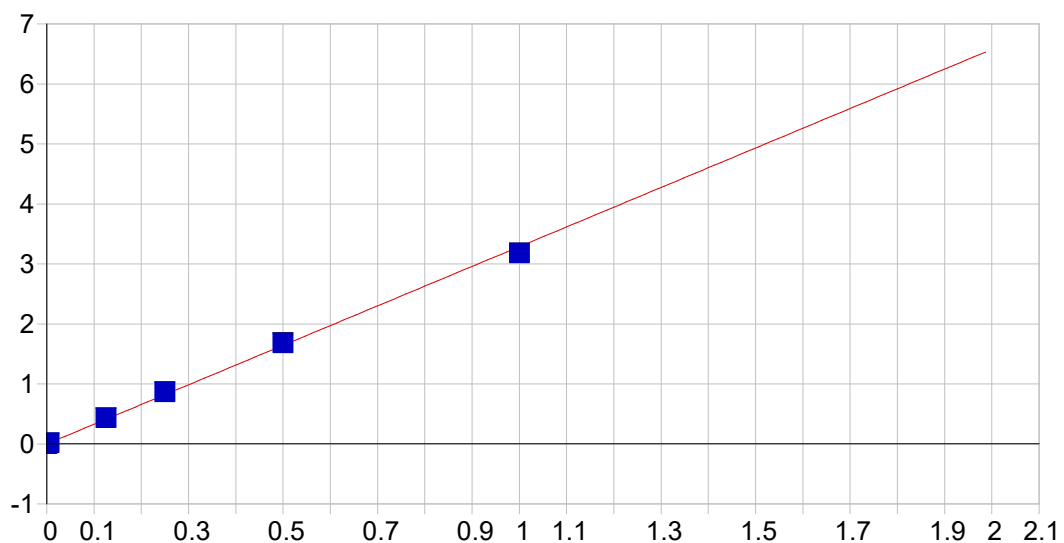


Ba 493.409 { 68}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006194 Re-Slope: 1.000000
 A1 (Gain): 2.092824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.002847
 Predicted MDL: 0.000826
 Predicted MQL: 0.002753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00617	.001	1
S1	.20000	.20607	.006	3.03	.43746	.001	1
S2	2.5000	2.5358	.036	1.43	5.3132	.014	1
S3	5.0000	5.1020	.102	2.04	10.684	.027	1
S4	10.000	10.086	.086	.864	21.115	.028	1
S5	20.000	19.770	-.230	-1.15	41.381	.338	1

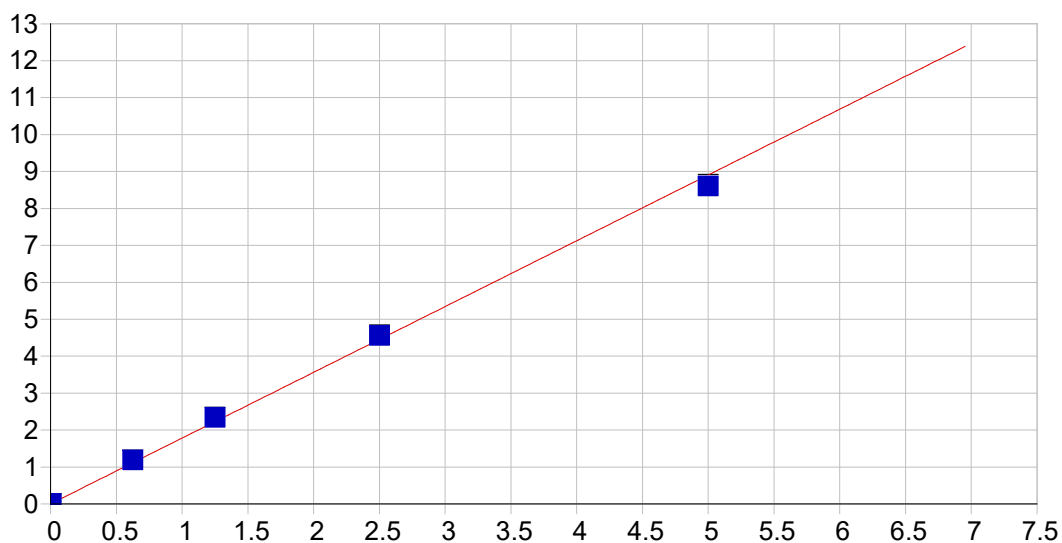


Be 234.861 {144}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001400	Re-Slope:	1.000000
A1 (Gain):	3.288780	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999313	Status:	OK.
Std Error of Est:	0.000456		
Predicted MDL:	0.000065		
Predicted MQL:	0.000216		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00140	.000	1
S1	.00500	.00534	.000	6.76	.01614	.000	1
S2	.12500	.13252	.008	6.02	.43308	.003	1
S3	.25000	.26372	.014	5.49	.86319	.001	1
S4	.50000	.51132	.011	2.26	1.6748	.006	1
S5	1.0000	.96710	-.033	-3.29	3.1683	.002	1

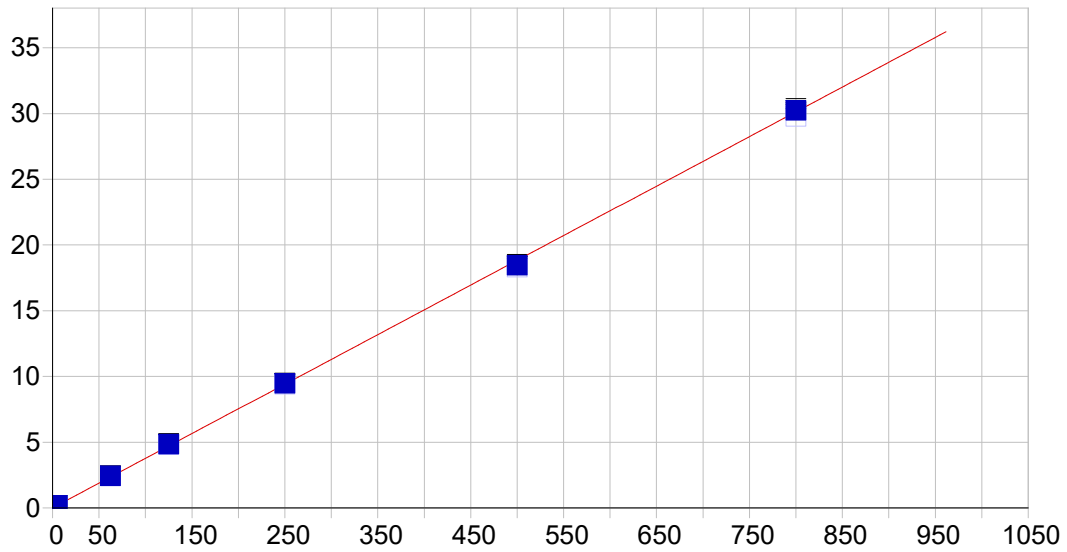


Cd 214.438 {457}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000423	Re-Slope:	1.000000
A1 (Gain):	1.781217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999279	Status:	OK.
Std Error of Est:	0.000568		
Predicted MDL:	0.000116		
Predicted MQL:	0.000387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.00500	.00553	.001	10.6	.01028	.000	1
S2	.62500	.66858	.044	6.97	1.1930	.001	1
S3	1.2500	1.3144	.064	5.15	2.3450	.003	1
S4	2.5000	2.5605	.061	2.42	4.5681	.009	1
S5	5.0000	4.8310	-.169	-3.38	8.6191	.036	1

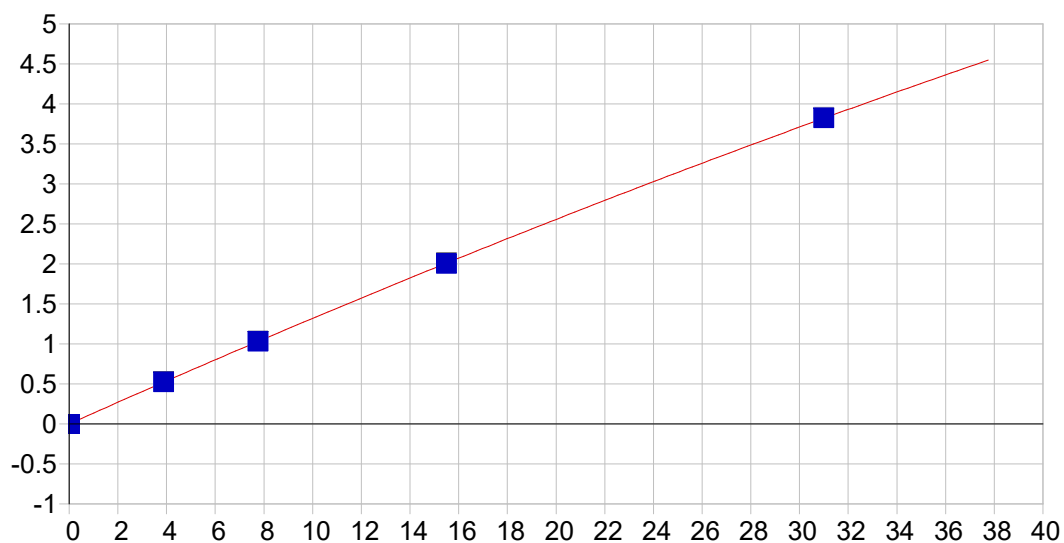


Ca 373.690 { 90}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000600 Re-Slope: 1.000000
 A1 (Gain): 0.037662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.001971
 Predicted MDL: 0.012240
 Predicted MQL: 0.040801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00059	-.001	.000	.00058	.000	1
S1	5.0000	5.3495	.350	6.99	.20202	.001	1
S2	62.500	64.330	1.83	2.93	2.4024	.021	1
S3	125.00	128.63	3.63	2.90	4.8029	.041	1
S4	250.00	251.51	1.51	.606	9.3889	.023	1
S5	500.00	490.21	-9.79	-1.96	18.295	.067	1
S6	800.00	802.48	2.48	.309	29.774	.147	1

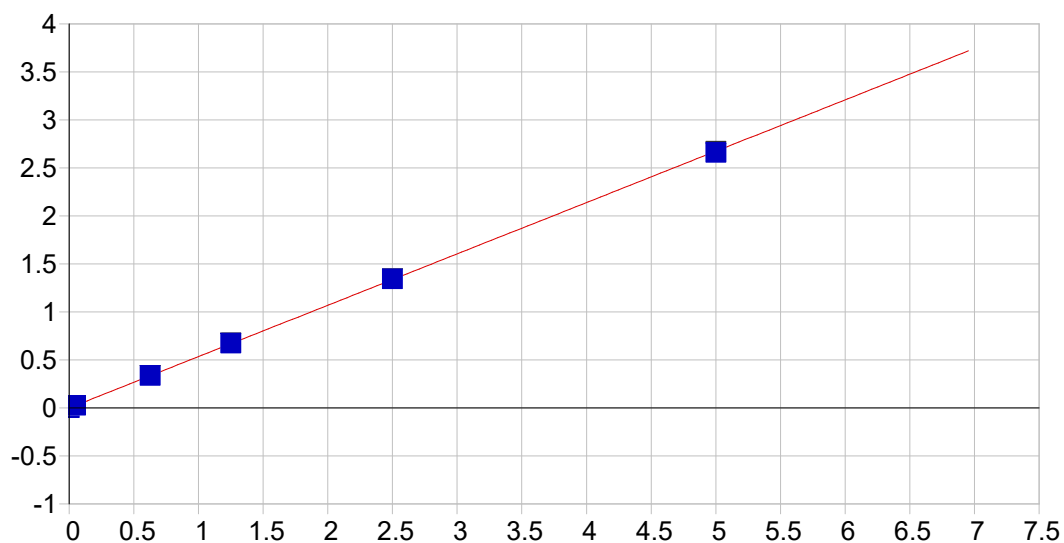


Cr 267.716 {126}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000016	Re-Slope:	1.000000
A1 (Gain):	0.136107	Y-int:	0.000000
A2 (Curvature):	-0.000414		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.000518		
Predicted MQL:	0.001727		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01091	.001	9.10	.00150	.000	1
S2	3.8750	3.8902	.015	.393	.52389	.000	1
S3	7.7500	7.7545	.005	.058	1.0319	.001	1
S4	15.500	15.462	-.038	-.244	2.0081	.003	1
S5	31.000	31.018	.018	.057	3.8282	.002	1

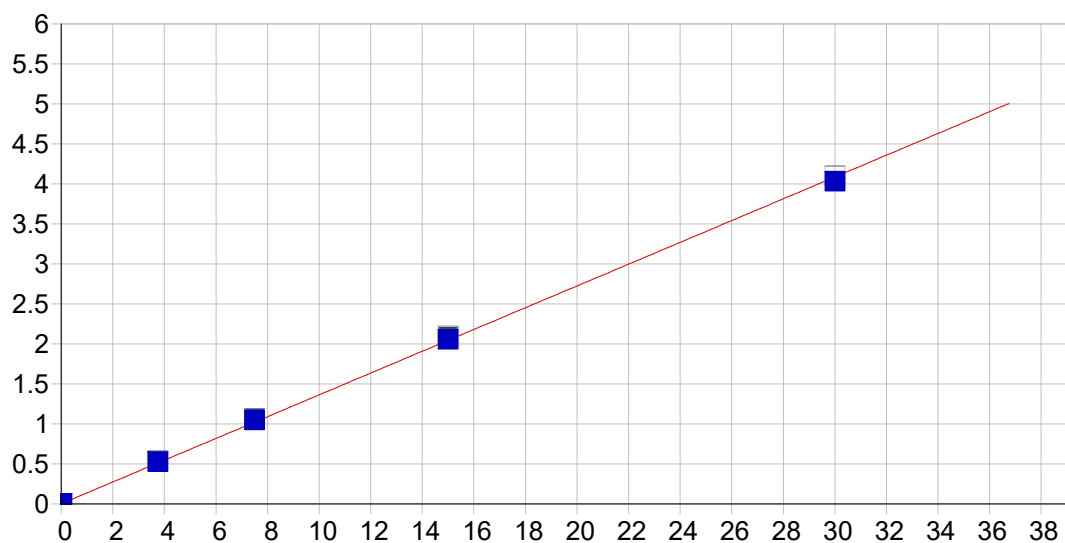


Co 228.616 {448}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000042	Re-Slope:	1.000000
A1 (Gain):	0.534773	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.000365		
Predicted MQL:	0.001217		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.05000	.05113	.001	2.26	.02739	.000	1
S2	.62500	.62912	.004	.659	.33692	.001	1
S3	1.2500	1.2620	.012	.956	.67588	.001	1
S4	2.5000	2.5101	.010	.404	1.3444	.003	1
S5	5.0000	4.9727	-.027	-.546	2.6635	.009	1

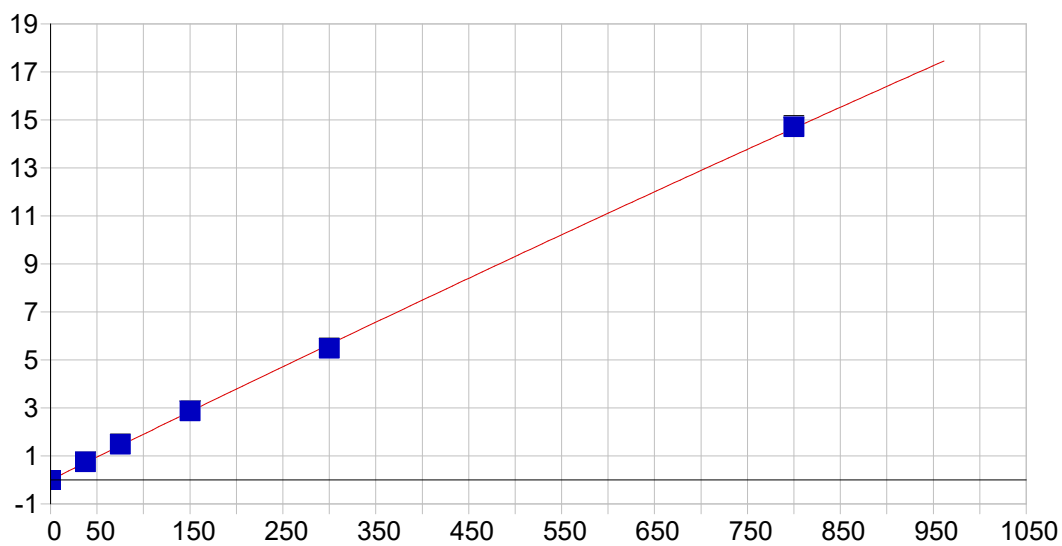


Cu 324.754 {104}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001484	Re-Slope:	1.000000
A1 (Gain):	0.136161	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.002274		
Predicted MQL:	0.007579		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00148	.000	1
S1	.02500	.02260	-.002	-9.62	.00524	.000	1
S2	3.7500	3.8602	.110	2.94	.53528	.001	1
S3	7.5000	7.6969	.197	2.63	1.0659	.003	1
S4	15.000	15.102	.102	.681	2.0906	.006	1
S5	30.000	29.594	-.406	-1.35	4.0965	.001	1

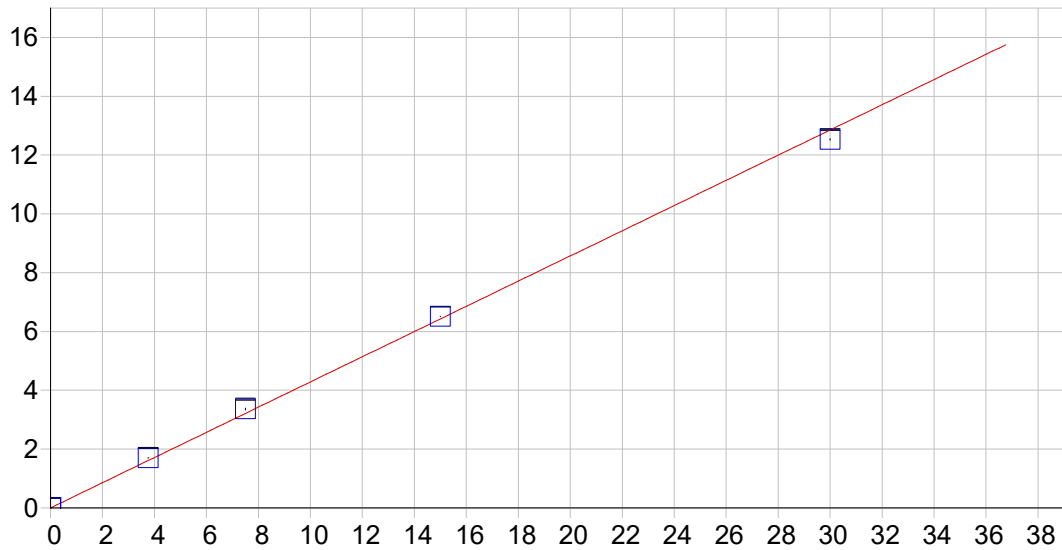


Fe 259.837 {130}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.019121 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.008026
 Predicted MQL: 0.026753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00002	.000	1
S1	.10000	.10985	.010	9.85	.00220	.000	1
S2	37.500	39.457	1.96	5.22	.75442	.005	1
S3	75.000	77.997	3.00	4.00	1.4883	.010	1
S4	150.00	151.35	1.35	.897	2.8769	.002	1
S5	300.00	290.69	-9.31	-3.10	5.4856	.012	1
S6	800.00	803.02	3.02	.377	14.727	.036	1

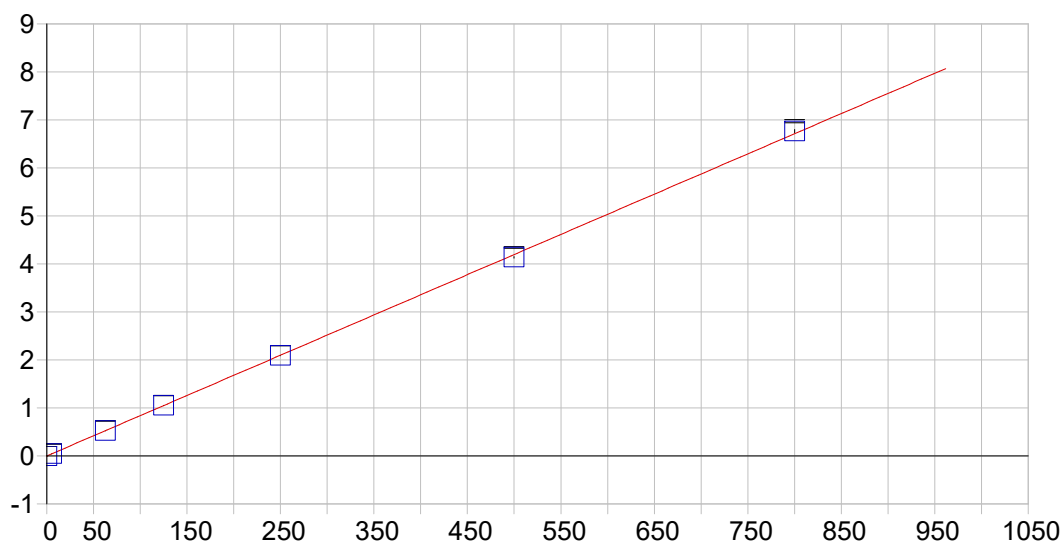


Mn 257.610 {131}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.428486 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543 Status: OK.
 Std Error of Est: 0.000461
 Predicted MDL: 0.000378
 Predicted MQL: 0.001260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.01500	.01715	.002	14.3	.00763	.000	1
S2	3.7500	3.9742	.224	5.98	1.7032	.016	1
S3	7.5000	7.8493	.349	4.66	3.3636	.031	1
S4	15.000	15.184	.184	1.23	6.5066	.011	1
S5	30.000	29.240	-.760	-2.53	12.529	.027	1

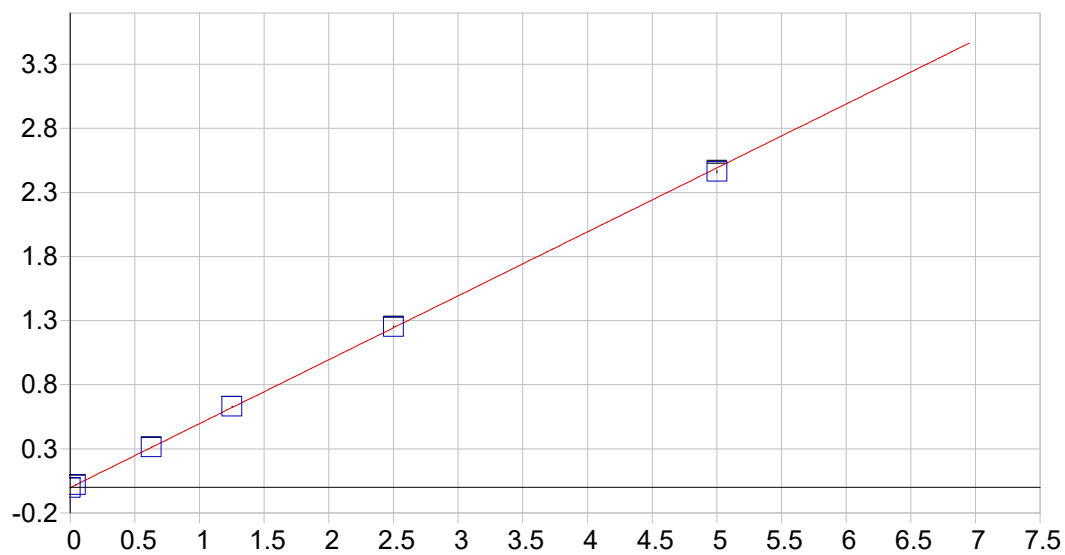


Mg 279.079 {121}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000099	Re-Slope:	1.000000
A1 (Gain):	0.008390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000283		
Predicted MDL:	0.023318		
Predicted MQL:	0.077727		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	-.00010	.000	1
S1	5.0000	5.1901	.190	3.80	.04345	.000	1
S2	62.500	62.396	-.104	-.166	.52341	.004	1
S3	125.00	125.49	.492	.394	1.0528	.003	1
S4	250.00	249.41	-.586	-.235	2.0925	.004	1
S5	500.00	493.16	-6.84	-1.37	4.1376	.015	1
S6	800.00	806.85	6.85	.856	6.7695	.033	1

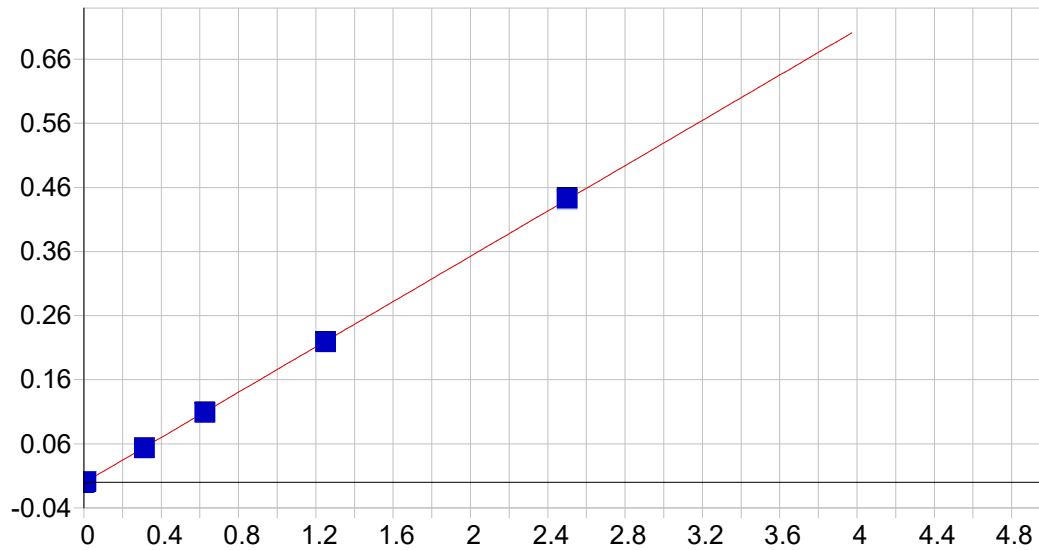


Ni 231.604 {446}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002357 Re-Slope: 1.000000
A1 (Gain): 0.498776 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999912 Status: OK.
Std Error of Est: 0.000157
Predicted MDL: 0.000513
Predicted MQL: 0.001711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00236	.000	1
S1	.04000	.04358	.004	8.94	.01938	.000	1
S2	.62500	.63691	.012	1.91	.31532	.000	1
S3	1.2500	1.2705	.020	1.64	.63132	.001	1
S4	2.5000	2.5196	.020	.786	1.2544	.003	1
S5	5.0000	4.9444	-.056	-1.11	2.4638	.011	1

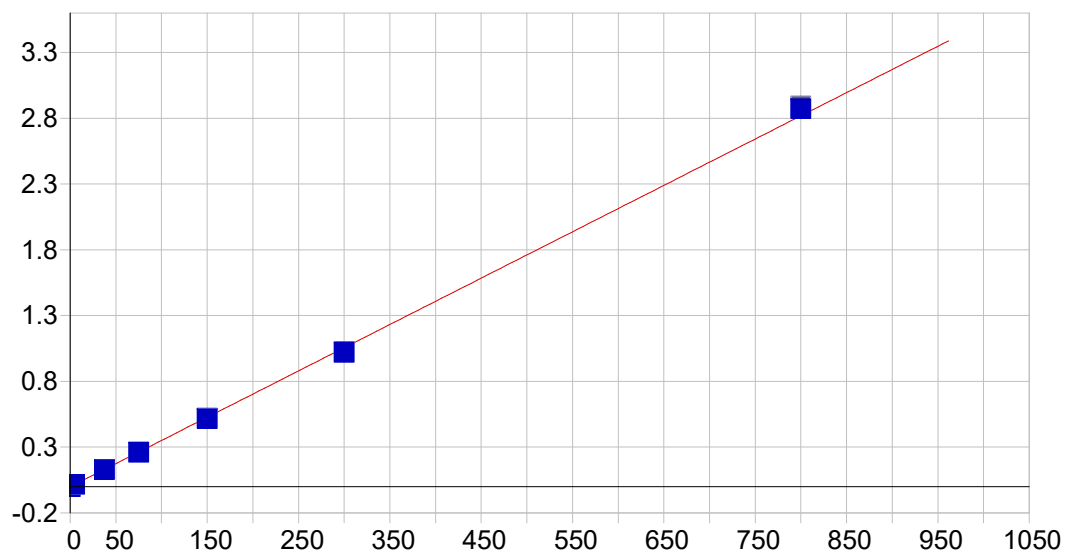


Ag 328.068 {103}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000813	Re-Slope:	1.000000
A1 (Gain):	0.176733	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.000582		
Predicted MQL:	0.001939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.01000	.01070	.001	6.96	.00106	.000	1
S2	.31250	.30750	-.005	-1.60	.05317	.000	1
S3	.62500	.62164	-.003	-.537	.10833	.001	1
S4	1.2500	1.2459	-.004	-.328	.21794	.000	1
S5	2.5000	2.5118	.012	.470	.44022	.002	1

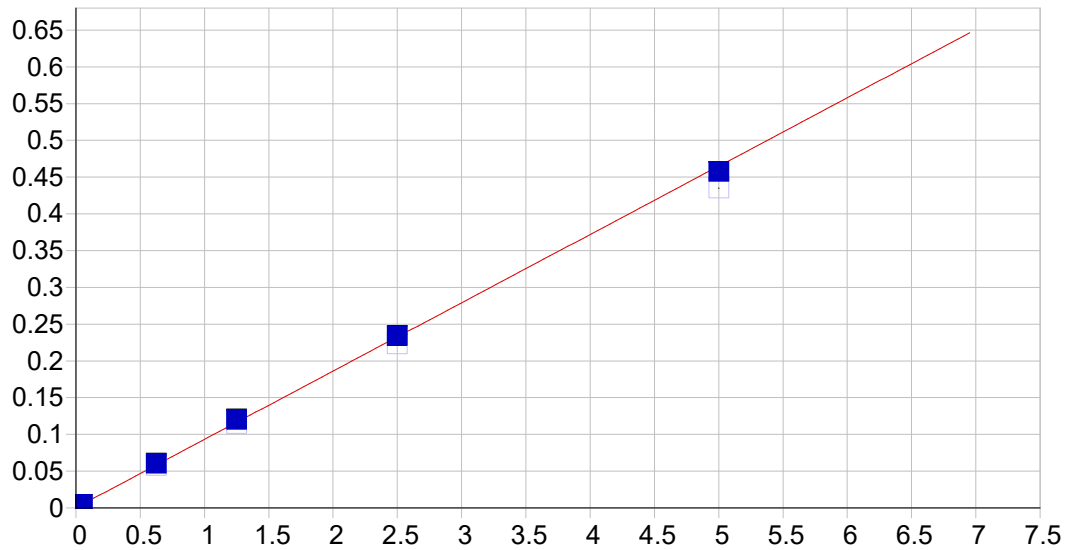


Na 818.326 { 41}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001774	Re-Slope:	1.000000
A1 (Gain):	0.003526	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999719	Status:	OK.
Std Error of Est:	0.000260		
Predicted MDL:	0.289876		
Predicted MQL:	0.966254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00177	.000	1
S1	5.0000	5.1106	.111	2.21	.01625	.001	1
S2	37.500	36.592	-.908	-2.42	.12783	.000	1
S3	75.000	73.937	-1.06	-1.42	.26009	.001	1
S4	150.00	146.79	-3.21	-2.14	.51813	.002	1
S5	300.00	289.52	-10.5	-3.49	1.0237	.003	1
S6	800.00	815.55	15.5	1.94	2.8862	.007	1

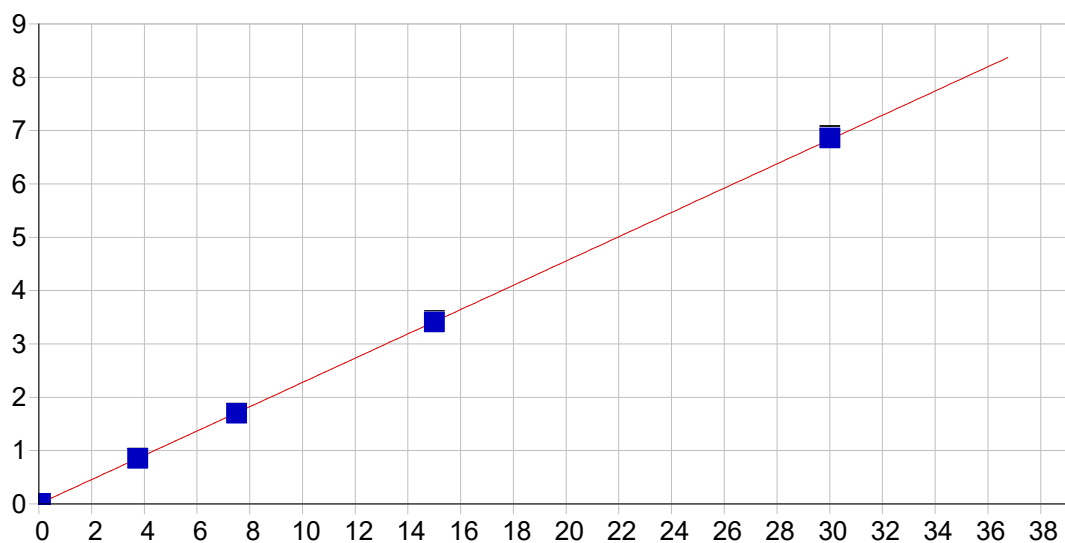


V 292.402 {115}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000293	Re-Slope:	1.000000
A1 (Gain):	0.092928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999786	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.002488		
Predicted MQL:	0.008293		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00029	.000	1
S1	.05000	.05251	.003	5.02	.00516	.000	1
S2	.62500	.64712	.022	3.54	.05764	.001	1
S3	1.2500	1.2902	.040	3.22	.11462	.001	1
S4	2.5000	2.5168	.017	.672	.22304	.000	1
S5	5.0000	4.9182	-.082	-1.64	.43506	.000	1

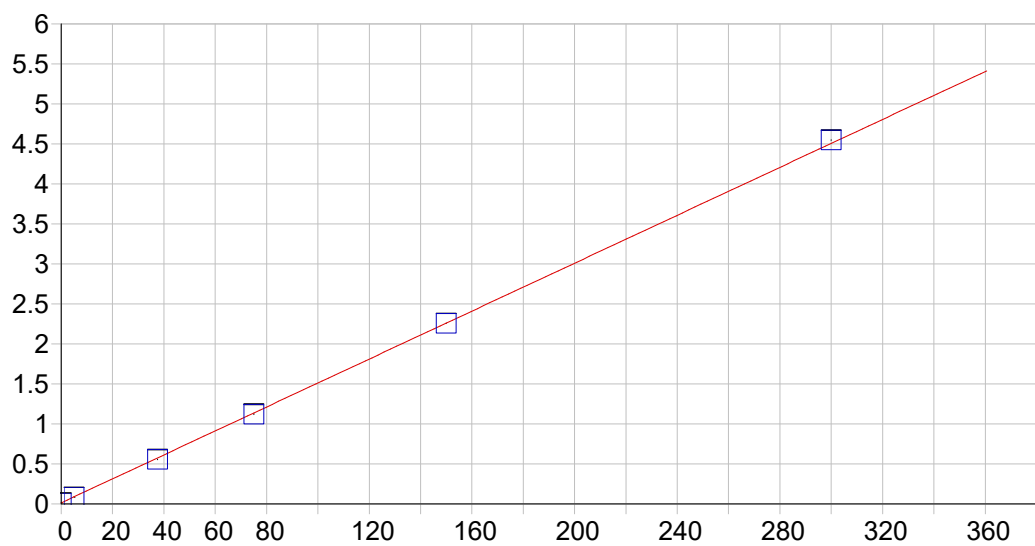


Zn 213.856 {158}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000466 Re-Slope: 1.000000
 A1 (Gain): 0.227691 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001804
 Predicted MQL: 0.006014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.06000	.05846	-.002	-2.56	.01382	.000	1
S2	3.7500	3.7358	-.014	-.378	.85248	.003	1
S3	7.5000	7.4471	-.053	-.705	1.6989	.002	1
S4	15.000	14.954	-.046	-.305	3.4110	.024	1
S5	30.000	30.114	.114	.381	6.8684	.039	1

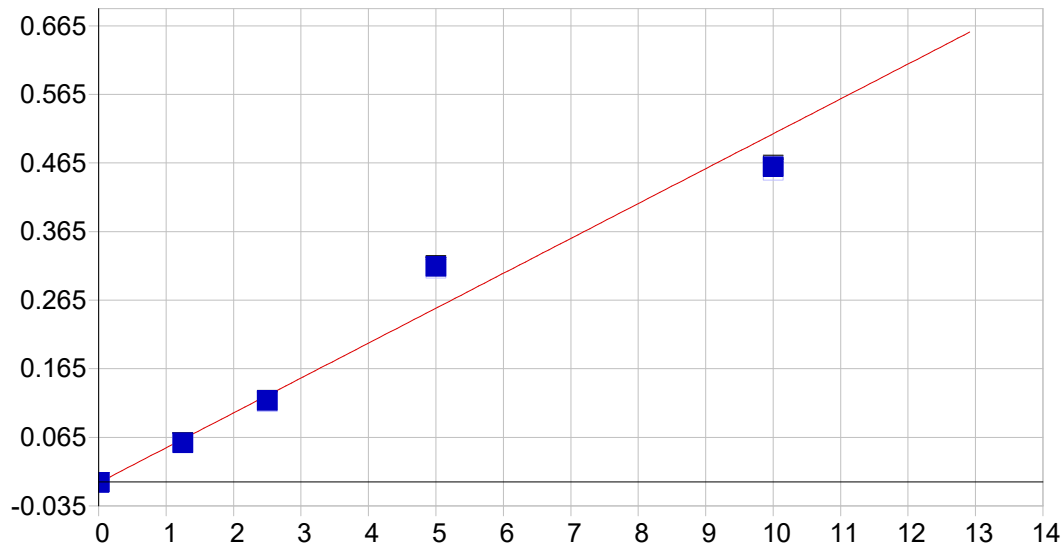


K 769.896 { 44 }

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013521 Re-Slope: 1.000000
 A1 (Gain): 0.014977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.062623
 Predicted MQL: 0.208745

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	.01353	.001	1
S1	5.0000	4.7548	-.245	-4.90	.08473	.001	1
S2	37.500	36.121	-1.38	-3.68	.55449	.004	1
S3	75.000	73.943	-1.06	-1.41	1.1209	.006	1
S4	150.00	149.84	-.158	-.105	2.2576	.004	1
S5	300.00	302.84	2.84	.946	4.5490	.005	1

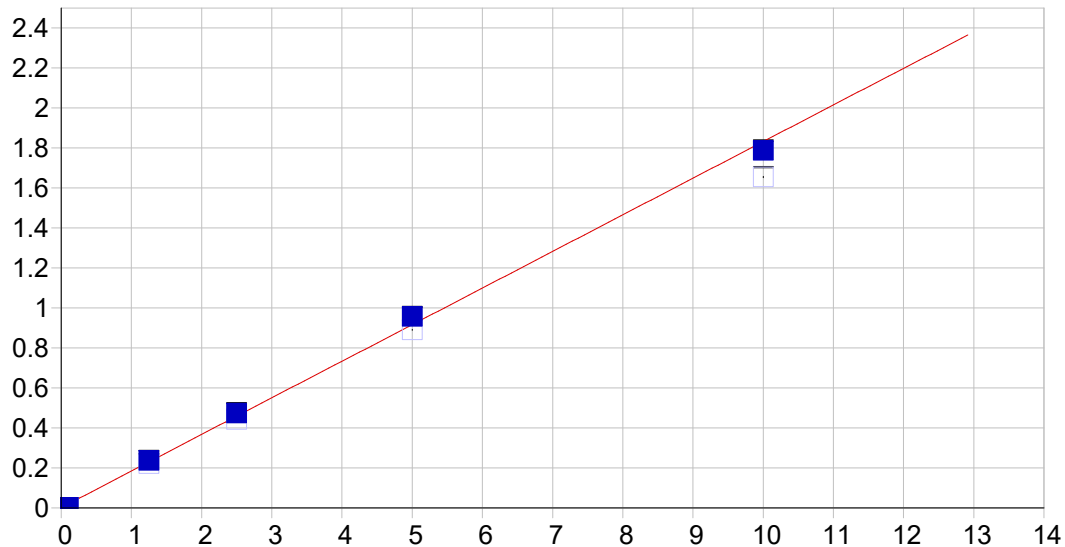


P 177.495 {490}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001179 Re-Slope: 1.000000
 A1 (Gain): 0.050870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.989463 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.002241
 Predicted MQL: 0.007470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00118	.000	1
S1	.01000	.01015	.000	1.52	-.00066	.000	1
S2	1.2500	1.1440	-.106	-8.48	.05630	.000	1
S3	2.5000	2.3483	-.152	-6.07	.11685	.001	1
S4	5.0000	6.1966	1.20	23.9	.31119	.001	1
S5	10.000	9.0610	-.939	-9.39	.45405	.002	1

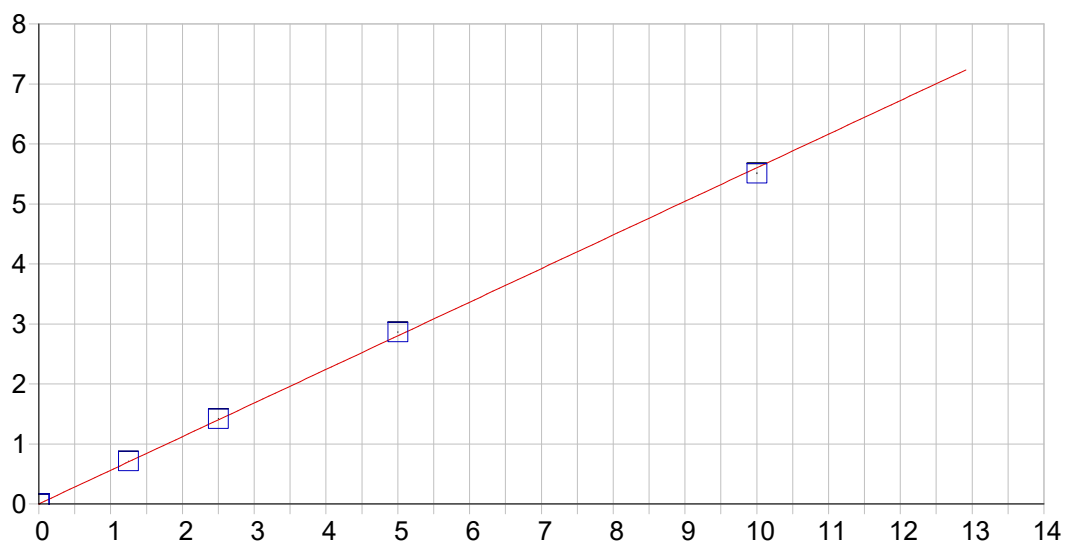


B 249.678 {135}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001248 Re-Slope: 1.000000
 A1 (Gain): 0.183085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996813 Status: OK.
 Std Error of Est: 0.000722
 Predicted MDL: 0.001165
 Predicted MQL: 0.003882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00126	.000	1
S1	.10000	.00799	-.092	-92.0	.00267	.000	1
S2	1.2500	1.2868	.037	2.94	.22023	.002	1
S3	2.5000	2.5840	.084	3.36	.44111	.002	1
S4	5.0000	5.2183	.218	4.37	.89021	.003	1
S5	10.000	9.7599	-.240	-2.40	1.6553	.003	1

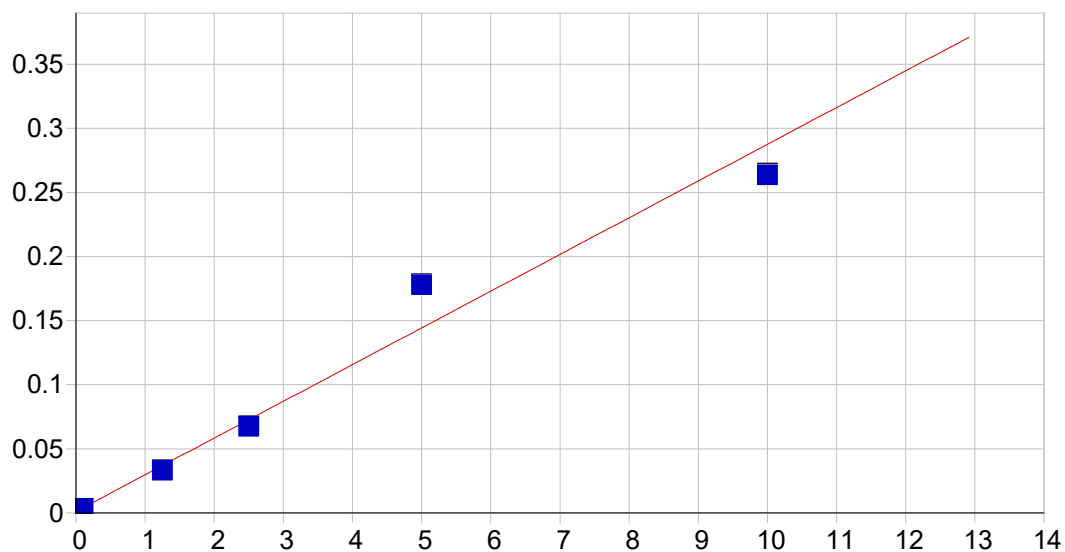


Mo 202.030 {467}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000712	Re-Slope:	1.000000
A1 (Gain):	0.560174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000164		
Predicted MDL:	0.000388		
Predicted MQL:	0.001292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00071	.000	1
S1	.01000	.01056	.001	5.59	.00663	.000	1
S2	1.2500	1.2698	.020	1.58	.71200	.001	1
S3	2.5000	2.5316	.032	1.27	1.4189	.003	1
S4	5.0000	5.1096	.110	2.19	2.8630	.006	1
S5	10.000	9.8385	-.162	-1.62	5.5120	.010	1

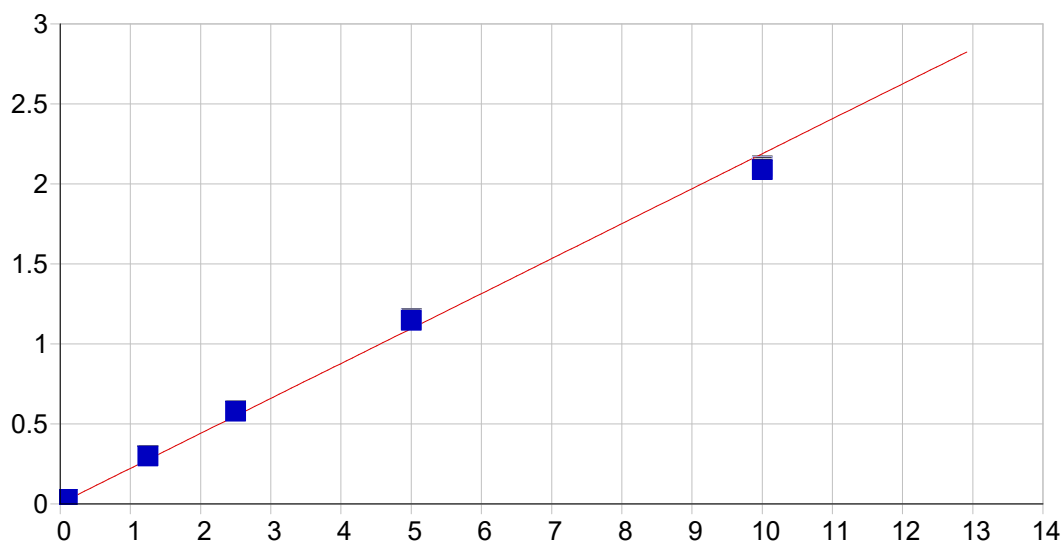


S 182.034 {485}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001137 Re-Slope: 1.000000
 A1 (Gain): 0.028647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990175 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.003963
 Predicted MQL: 0.013210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00114	.000	1
S1	.10000	.07948	-.021	-20.5	.00341	.000	1
S2	1.2500	1.1174	-.133	-10.6	.03322	.000	1
S3	2.5000	2.3166	-.183	-7.34	.06765	.000	1
S4	5.0000	6.1739	1.17	23.5	.17830	.000	1
S5	10.000	9.1626	-.837	-8.37	.26422	.001	1

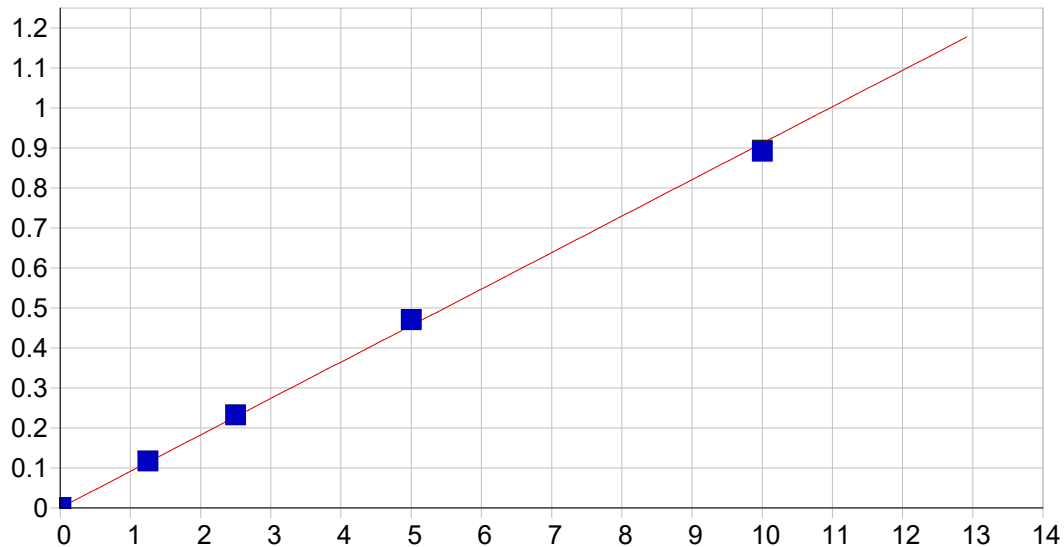


Si 251.611 {134}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003756 Re-Slope: 1.000000
 A1 (Gain): 0.218445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998804 Status: OK.
 Std Error of Est: 0.000573
 Predicted MDL: 0.001129
 Predicted MQL: 0.003762

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00375	.000	1
S1	.10000	.10735	.007	7.35	.02728	.000	1
S2	1.2500	1.3481	.098	7.85	.30067	.002	1
S3	2.5000	2.6249	.125	5.00	.58199	.002	1
S4	5.0000	5.2282	.228	4.56	1.1555	.002	1
S5	10.000	9.5414	-.459	-4.59	2.1073	.004	1

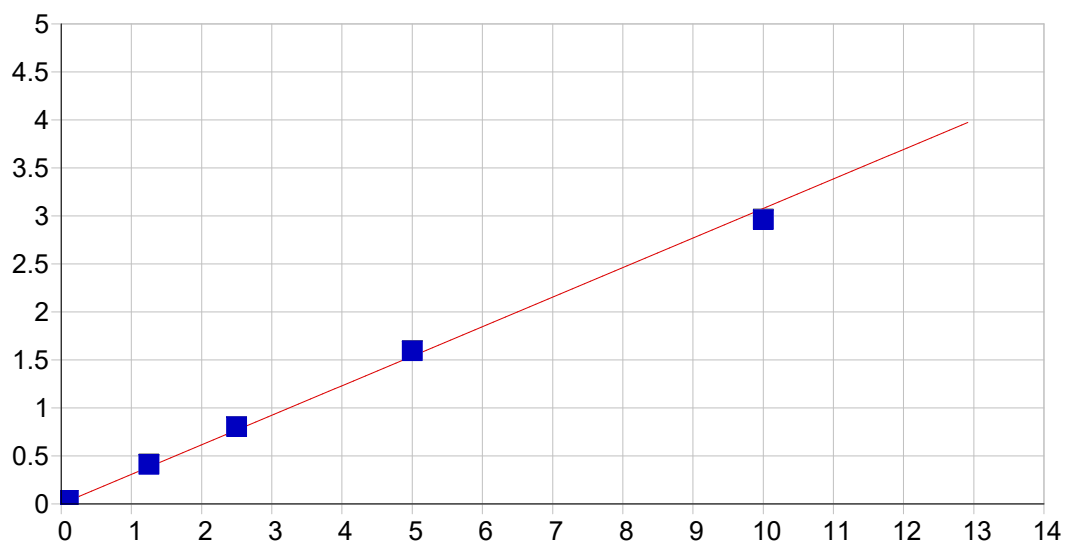


Sn 189.989 {478}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000134	Re-Slope:	1.000000
A1 (Gain):	0.091182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999700	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.001341		
Predicted MQL:	0.004469		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00700	.00786	.001	12.3	.00083	.000	1
S2	1.2500	1.2766	.027	2.13	.11630	.000	1
S3	2.5000	2.5414	.041	1.65	.23139	.000	1
S4	5.0000	5.1553	.155	3.11	.46926	.001	1
S5	10.000	9.7759	-.224	-2.24	.88964	.003	1

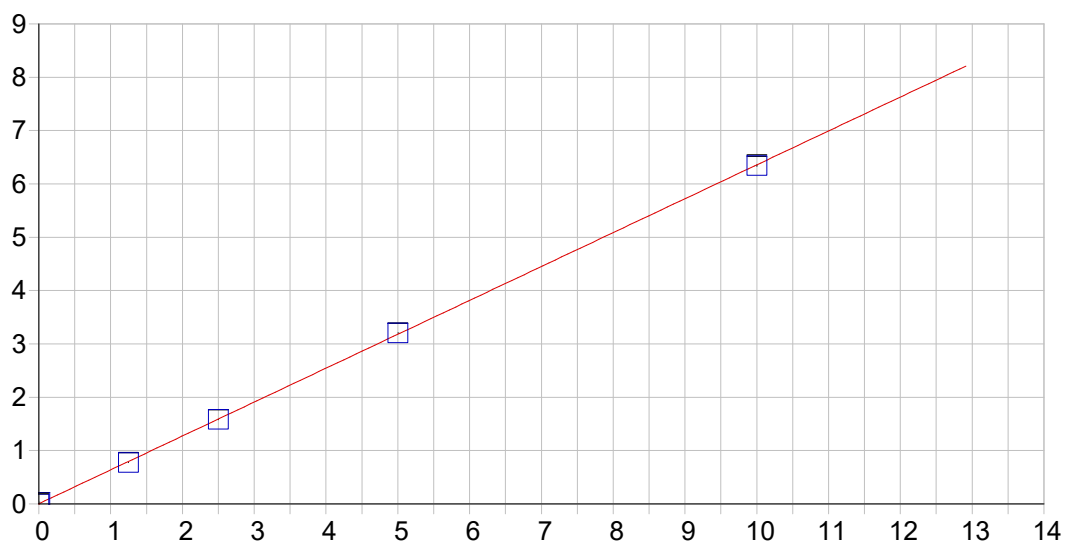


Ti 336.121 {100}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001637	Re-Slope:	1.000000
A1 (Gain):	0.307496	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999169	Status:	OK.
Std Error of Est:	0.000666		
Predicted MDL:	0.001123		
Predicted MQL:	0.003744		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00163	.000	1
S1	.10000	.11010	.010	10.1	.03548	.000	1
S2	1.2500	1.3271	.077	6.17	.40959	.002	1
S3	2.5000	2.6123	.112	4.49	.80463	.003	1
S4	5.0000	5.1775	.177	3.55	1.5932	.001	1
S5	10.000	9.6231	-.377	-3.77	2.9596	.005	1



Li 670.784 { 50}

Date of Fit: 05/31/2019 18:28:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002655 Re-Slope: 1.000000
 A1 (Gain): 0.635518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997985 Status: OK.
 Std Error of Est: 0.000830
 Predicted MDL: 0.001685
 Predicted MQL: 0.005616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00263	.001	1
S5	10.000	9.9790	-.021	-.210	6.3445	.016	1
S4	5.0000	5.0375	.037	.750	3.2041	.001	1
S3	2.5000	2.4837	-.016	-.653	1.5811	.002	1
S2	1.2500	1.2164	-.034	-2.69	.77572	.002	1
S1	.01500	.04841	.033	223.	.03342	.001	1







Y 371.030 { 91}*

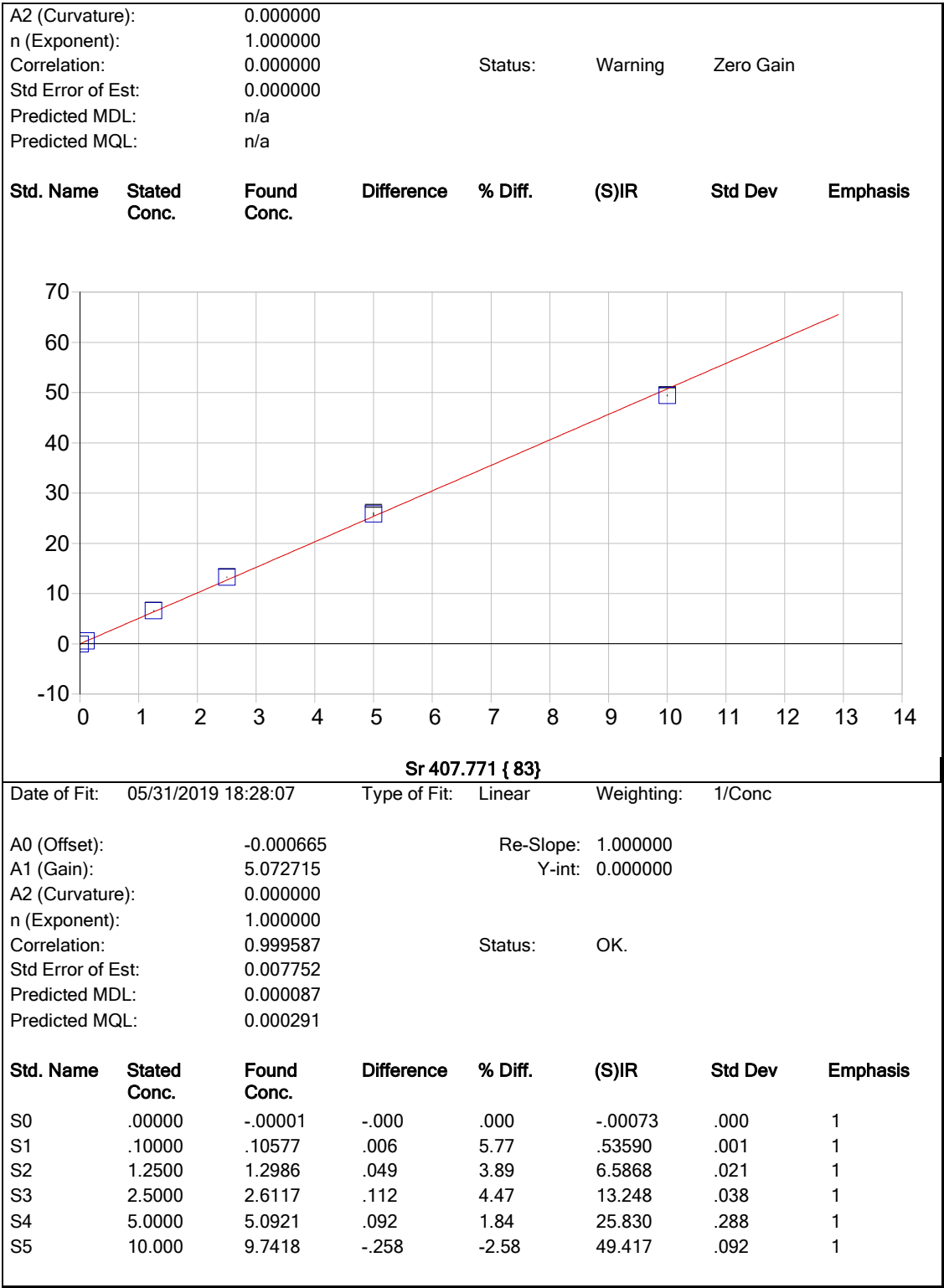
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 05/31/2019 16:02:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00048	-.00110	-.00009	.00068	.00082	.00254	.00617	-.00140
Stddev	.00004	.00011	.00012	.00004	.00009	.00033	.00128	.00006
%RSD	8.9266	10.387	134.74	6.2647	11.013	12.894	20.759	4.1900
#1	-.00048	-.00123	-.00005	.00064	.00088	.00224	.00752	-.00134
#2	-.00043	-.00104	.00001	.00068	.00087	.00289	.00498	-.00141
#3	-.00052	-.00103	-.00023	.00072	.00072	.00250	.00600	-.00146
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	.00042	.00058	.00002	-.00004	.00148	.00002	.00029	-.00010
Stddev	.00008	.00006	.00008	.00012	.00019	.00002	.00015	.00006
%RSD	18.184	10.004	504.06	274.98	12.691	118.58	52.971	56.593
#1	.00033	.00060	-.00006	-.00015	.00131	.00001	.00028	-.00009
#2	.00046	.00051	.00010	-.00007	.00168	.00005	.00044	-.00005
#3	.00047	.00062	.00001	.00009	.00146	.00001	.00013	-.00016
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	-.00236	-.00081	-.00177	.00029	.00047	.01353	-.00118	.00126
Stddev	.00009	.00005	.00019	.00003	.00044	.00070	.00006	.00024
%RSD	3.6523	5.7745	10.882	10.382	95.081	5.1988	4.8019	18.889
#1	-.00244	-.00077	-.00194	.00026	.00086	.01325	-.00118	.00154
#2	-.00236	-.00086	-.00156	.00030	-.00001	.01300	-.00123	.00115
#3	-.00227	-.00081	-.00182	.00032	.00055	.01433	-.00112	.00110
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	.00071	.00114	.00375	.00013	.00163	.00263	-.00073	
Stddev	.00013	.00007	.00009	.00006	.00008	.00094	.00034	
%RSD	17.885	6.5036	2.5225	48.007	4.7376	35.509	45.769	
#1	.00086	.00105	.00366	.00014	.00157	.00156	-.00098	
#2	.00061	.00119	.00374	.00020	.00172	.00328	-.00087	
#3	.00067	.00117	.00385	.00007	.00160	.00306	-.00035	

Sample Name: S0 Acquired: 05/31/2019 16:02:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.9	3197.7	55701.	13642.	3973.0
Stddev	4.8	7.7	84.	82.	4.4
%RSD	.19112	.24103	.14993	.60471	.11190
#1	2500.7	3200.5	55781.	13561.	3978.0
#2	2495.7	3189.0	55614.	13639.	3969.4
#3	2491.2	3203.7	55709.	13726.	3971.7

Sample Name: S1 Acquired: 05/31/2019 16:06:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00000	.00050	.00163	.00319	.01107	.01591	.43746	.01614
Stddev	.00016	.00014	.00022	.00011	.00018	.00059	.00101	.00030
%RSD	4967.5	26.885	13.325	3.3770	1.6165	3.7255	.23141	1.8365
#1	-.00002	.00035	.00187	.00316	.01086	.01522	.43739	.01630
#2	.00016	.00062	.00147	.00331	.01117	.01623	.43648	.01580
#3	-.00015	.00054	.00154	.00310	.01117	.01627	.43850	.01633
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	.01028	.20202	.00150	.02739	.00524	.00220	.00763	.04345
Stddev	.00018	.00084	.00009	.00015	.00014	.00004	.00010	.00023
%RSD	1.7836	.41430	6.2901	.55286	2.6956	1.6122	1.3145	.54057
#1	.01009	.20203	.00156	.02746	.00523	.00223	.00768	.04355
#2	.01045	.20118	.00156	.02750	.00510	.00216	.00752	.04318
#3	.01030	.20285	.00139	.02722	.00539	.00221	.00770	.04361
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	.01938	.00106	.01625	.00516	.01382	.08473	-.00066	.00267
Stddev	.00018	.00007	.00127	.00014	.00033	.00065	.00005	.00012
%RSD	.90804	6.2667	7.7937	2.6933	2.3788	.76250	7.2674	4.6380
#1	.01952	.00099	.01673	.00532	.01348	.08460	-.00061	.00280
#2	.01918	.00112	.01481	.00508	.01413	.08543	-.00067	.00255
#3	.01944	.00107	.01720	.00509	.01384	.08416	-.00071	.00267
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	.00663	.00341	.02728	.00083	.03548	.03342	.53590	
Stddev	.00003	.00007	.00020	.00003	.00032	.00067	.00060	
%RSD	.44731	1.9782	.72304	4.0792	.91242	1.9955	.11179	
#1	.00660	.00349	.02740	.00086	.03541	.03322	.53630	
#2	.00666	.00337	.02706	.00085	.03520	.03288	.53521	
#3	.00662	.00338	.02739	.00079	.03584	.03417	.53619	

Sample Name: S1 Acquired: 05/31/2019 16:06:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.9	3198.9	56283.	13632.	4032.8
Stddev	26.6	4.1	302.	99.	1.9
%RSD	1.0555	.12950	.53676	.72261	.04694
#1	2518.2	3195.6	56026.	13603.	4034.0
#2	2495.7	3197.5	56207.	13742.	4033.8
#3	2548.7	3203.6	56616.	13552.	4030.6

Sample Name: K2940-14 Acquired: 05/31/2019 17:51:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.898034	.1483092	.3093580	-.054407	.0066857	23.44527
Stddev	.007146	.0063849	.0020555	.003502	.0005381	.07843
%RSD	.3764774	4.305132	.6644429	6.436905	8.048500	.3345369

#1	1.890133	.1443052	.3105304	-.056887	.0073069	23.53558
#2	1.899929	.1449499	.3105590	-.055934	.0063879	23.39420
#3	1.904042	.1556724	.3069845	-.050401	.0063624	23.40602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680763	.0002565	.0890600	43.09630	-.053713	.1084824
Stddev	.0005621	.0000445	.0000703	.30583	.001571	.0000935
%RSD	.8256861	17.34527	.0789168	.7096366	2.924088	.0862343

#1	.0686593	.0003072	.0889866	43.44588	-.055282	.1085727
#2	.0675378	.0002238	.0890669	42.96482	-.053717	.1084886
#3	.0680316	.0002385	.0891267	42.87820	-.052140	.1083859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.955512	157.7886	F 350.9355	13.69367	.0853857	.0676034
Stddev	.001153	.8154	4.8192	.10253	.0004676	.0003418
%RSD	.0589659	.5167963	1.373235	.7487397	.5476519	.5055376

#1	1.956835	158.7300	355.7075	13.79304	.0854113	.0676005
#2	1.954717	157.3019	351.0283	13.69973	.0849058	.0679466
#3	1.954984	157.3338	346.0705	13.58825	.0858399	.0672631

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.819149	-.238504	14.93135	10.80021	11.26782	.3161773
Stddev	.095743	.012975	.02229	.05274	.02544	.0016272
%RSD	2.506924	5.440363	.1492782	.4882809	.2258177	.5146314

#1	3.716809	-.245073	14.91456	10.85687	11.24078	.3142987
#2	3.834100	-.223558	14.92285	10.79119	11.27138	.3170881
#3	3.906537	-.246881	14.95664	10.75256	11.29130	.3171452

Sample Name: K2940-14 Acquired: 05/31/2019 17:51:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010520	1333.291	40.83845	-.000289	.2518255	.0174824
Stddev	.000707	3.512	.45596	.000640	.0006591	.0005475
%RSD	6.717403	.2633858	1.116505	220.9280	.2617250	3.131583

#1	-.009724	1329.301	41.36456	-.000870	.2524830	.0181035
#2	-.011073	1334.660	40.59279	.000396	.2518285	.0172740
#3	-.010763	1335.912	40.55798	-.000395	.2511648	.0170698

Elem	Sr4077
Units	ppm
Avg	.4109734
Stddev	.0002767
%RSD	.0673386

#1	.4112180
#2	.4106730
#3	.4110292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.842	4438.497	79073.73	19083.48	4063.423
Stddev	17.105	11.715	328.33	212.28	9.187
%RSD	.4822596	.2639417	.4152189	1.112383	.2260837

#1	3528.366	4441.633	78816.07	18841.76	4072.283
#2	3550.035	4448.325	78961.71	19169.12	4064.044
#3	3562.126	4425.533	79443.41	19239.56	4053.941

Sample Name: K2940-19 Acquired: 05/31/2019 18:48:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA070 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.068479	.0060289	2.708099	-.006105	.0085085	26.50845	.0822590
Stddev	.007438	.0025479	.008518	.001302	.0012437	.11787	.0004527
%RSD	.1828085	42.26096	.3145204	21.32387	14.61708	.4446572	.5503974

#1	4.069224	.0077049	2.717746	-.007039	.0070918	26.41465	.0827599
#2	4.060697	.0030969	2.701617	-.004618	.0090130	26.46993	.0821385
#3	4.075516	.0072850	2.704935	-.006658	.0094207	26.64076	.0818788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058737	.0200650	24.67748	.0138528	.0124473	2.306937	21.87792
Stddev	.0000758	.0001418	.18567	.0001808	.0002369	.007306	.15806
%RSD	1.290521	.7064529	.7523889	1.305353	1.902980	.3166972	.7224664

#1	.0058293	.0200107	24.50703	.0140494	.0125979	2.299124	21.71433
#2	.0058306	.0199584	24.65007	.0136936	.0121742	2.308086	21.88965
#3	.0059612	.0202259	24.87533	.0138153	.0125697	2.313600	22.02979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.002300	4.162883	.0130204	-.003162	4.202246	.1181346	1.294878
Stddev	.019839	.024117	.0006550	.000198	.074085	.0015304	.005455
%RSD	.6608010	.5793315	5.030319	6.257467	1.762985	1.295491	.4212600

#1	2.983506	4.158627	.0126917	-.002979	4.278153	.1163685	1.298664
#2	3.000352	4.141177	.0137746	-.003372	4.198455	.1190717	1.288626
#3	3.023041	4.188844	.0125948	-.003136	4.130129	.1189635	1.297346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.490558	10.54574	.3793427	.0423012	1217.191	18.03080	-.002018
Stddev	.050036	.02812	.0023894	.0002935	3.507	.11466	.000822
%RSD	.6679913	.2666367	.6298861	.6937978	.2881034	.6359278	40.74829

#1	7.505428	10.57020	.3767892	.0426020	1221.200	17.90231	-.001114
#2	7.434773	10.51502	.3815244	.0420156	1214.695	18.12272	-.002216
#3	7.531474	10.55200	.3797144	.0422861	1215.678	18.06738	-.002722

Sample Name: K2940-19 Acquired: 05/31/2019 18:48:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1055114	.0015033	.1393377
Stddev	.0010837	.0006241	.0003595
%RSD	1.027125	41.51189	.2580105

#1	.1044130	.0009540	.1389646
#2	.1055415	.0013740	.1393664
#3	.1065798	.0021819	.1396819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.731	4072.853	72509.07	17629.26	4365.743
Stddev	9.755	14.708	365.99	66.24	15.543
%RSD	.3010163	.3611188	.5047497	.3757505	.3560151

#1	3233.717	4057.464	72101.34	17705.70	4348.019
#2	3251.871	4074.325	72809.18	17593.34	4372.163
#3	3236.604	4086.769	72616.69	17588.73	4377.048

Sample Name: S2 Acquired: 05/31/2019 16:10:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05948	.07720	1.0610	.09083	.20688	2.4825	5.3132	.43308
Stddev	.00009	.00054	.0010	.00030	.00012	.0083	.0144	.00322
%RSD	.15955	.69610	.08909	.33390	.05976	.33532	.27030	.74243

#1	.05952	.07700	1.0606	.09109	.20702	2.4890	5.3291	.43538
#2	.05938	.07679	1.0603	.09050	.20686	2.4731	5.3013	.42940
#3	.05956	.07781	1.0620	.09089	.20677	2.4854	5.3092	.43445

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1930	2.4024	.52389	.33692	.53528	.75442	1.7032	.52341
Stddev	.0010	.0214	.00018	.00071	.00137	.00515	.0156	.00361
%RSD	.08414	.89086	.03342	.21005	.25672	.68212	.91699	.68975

#1	1.1926	2.4228	.52409	.33716	.53630	.75804	1.7148	.52607
#2	1.1923	2.3801	.52378	.33613	.53372	.74853	1.6854	.51930
#3	1.1942	2.4041	.52380	.33748	.53582	.75669	1.7093	.52486

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	.31532	.05317	.12783	.05764	.85248	.55449	.05630	.22023
Stddev	.00023	.00012	.00044	.00054	.00286	.00384	.00014	.00155
%RSD	.07356	.22429	.34322	.93531	.33515	.69243	.24775	.70464

#1	.31536	.05320	.12824	.05789	.84992	.55871	.05630	.22116
#2	.31507	.05304	.12787	.05703	.85196	.55120	.05617	.21844
#3	.31553	.05328	.12737	.05802	.85556	.55357	.05645	.22109

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	.71200	.03322	.30067	.11630	.40959	.77572	6.5868
Stddev	.00100	.00034	.00165	.00038	.00238	.00208	.0207
%RSD	.14084	1.0373	.54933	.32801	.58169	.26830	.31403

#1	.71096	.03283	.30117	.11591	.41168	.77797	6.6079
#2	.71209	.03336	.29882	.11631	.40700	.77387	6.5666
#3	.71296	.03348	.30201	.11667	.41008	.77531	6.5860

Sample Name: S2 Acquired: 05/31/2019 16:10:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.4	3122.7	55651.	13614.	3984.9
Stddev	7.2	4.5	153.	101.	4.5
%RSD	.29122	.14476	.27452	.73899	.11182
#1	2449.2	3118.0	55478.	13512.	3982.1
#2	2461.2	3127.0	55710.	13713.	3990.1
#3	2461.9	3123.1	55766.	13617.	3982.7

Sample Name: K2941-07A Acquired: 05/31/2019 20:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344677	.0035808	.4567277	-.005350	.0017695	5.441111	.0445332
Stddev	.0029813	.0007882	.0037387	.000092	.0000667	.017267	.0003958
%RSD	2.217092	22.01210	.8185891	1.713408	3.768893	.3173516	.8888388

#1	.1327819	.0038616	.4539225	-.005269	.0018331	5.437104	.0444029
#2	.1327113	.0026907	.4552883	-.005331	.0017001	5.426198	.0449778
#3	.1379100	.0041902	.4609722	-.005449	.0017752	5.460029	.0442190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087668	.0059869	38.16306	.0354704	.0363135	.9514192	13.43797
Stddev	.0000936	.0002179	.19429	.0001544	.0007612	.0027086	.06069
%RSD	1.067779	3.639385	.5091116	.4352873	2.096122	.2846921	.4516282

#1	.0087102	.0057931	37.97282	.0355722	.0354472	.9495238	13.37003
#2	.0087154	.0059450	38.15521	.0355462	.0366180	.9502123	13.45705
#3	.0088749	.0062228	38.36116	.0352927	.0368753	.9545215	13.48683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474565	6.266141	.0126165	-.000043	2.626245	.2842182	.5742367
Stddev	.008423	.043277	.0002114	.000300	.111833	.0008944	.0078820
%RSD	.5712384	.6906500	1.675840	697.1311	4.258270	.3146720	1.372599

#1	1.465608	6.216913	.0123851	-.000339	2.537885	.2831855	.5668226
#2	1.475760	6.298195	.0126649	-.000052	2.751978	.2847323	.5825153
#3	1.482327	6.283315	.0127996	.000262	2.588872	.2847368	.5733722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.826845	2.369781	.2816233	.0005776	1300.188	13.15704	-.002096
Stddev	.019687	.007369	.0028166	.0001449	1.830	.14133	.001409
%RSD	.5144356	.3109619	1.000123	25.07893	.1407544	1.074190	67.25258

#1	3.835958	2.362129	.2814126	.0006797	1299.851	13.08578	-.003040
#2	3.804253	2.370385	.2789181	.0004118	1302.163	13.06552	-.002770
#3	3.840324	2.376831	.2845394	.0006413	1298.549	13.31981	-.000476

Sample Name: K2941-07A Acquired: 05/31/2019 20:44:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0242170	-.000356	.2299643
Stddev	.0005716	.000532	.0001106
%RSD	2.360354	149.1760	.0481044

#1	.0237100	.000061	.2300602
#2	.0248365	-.000955	.2298433
#3	.0241046	-.000175	.2299894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.125	4634.893	80681.95	20031.03	4571.518
Stddev	10.175	114.957	213.68	202.89	85.852
%RSD	.2822293	2.480260	.2648375	1.012866	1.877973

#1	3616.055	4539.519	80901.01	20156.92	4498.884
#2	3603.390	4602.624	80670.74	20139.19	4549.407
#3	3595.929	4762.537	80474.10	19796.98	4666.262

Sample Name: S3 Acquired: 05/31/2019 16:14:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11911	.15584	2.1258	.18025	.41402	4.9997	10.684	.86319
Stddev	.00026	.00002	.0042	.00043	.00129	.0174	.027	.00090
%RSD	.21873	.01385	.19590	.23864	.31232	.34776	.25249	.10451

#1	.11881	.15582	2.1244	.17986	.41297	5.0061	10.711	.86397
#2	.11925	.15583	2.1224	.18018	.41361	4.9800	10.657	.86220
#3	.11926	.15586	2.1304	.18071	.41546	5.0130	10.683	.86339

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	2.3450	4.8029	1.0319	.67588	1.0659	1.4883	3.3636	1.0528
Stddev	.0034	.0411	.0009	.00108	.0028	.0095	.0308	.0034
%RSD	.14427	.85541	.08416	.15915	.26447	.64116	.91635	.32814

#1	2.3440	4.8094	1.0327	.67590	1.0677	1.4903	3.3661	1.0533
#2	2.3423	4.7590	1.0309	.67479	1.0626	1.4779	3.3316	1.0491
#3	2.3488	4.8405	1.0319	.67694	1.0673	1.4967	3.3931	1.0560

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	.63132	.10833	.26009	.11462	1.6989	1.1209	.11685	.44111
Stddev	.00084	.00089	.00104	.00082	.0017	.0059	.00058	.00192
%RSD	.13246	.82028	.39975	.71637	.10004	.52369	.49297	.43526

#1	.63133	.10925	.26063	.11477	1.7007	1.1234	.11621	.44301
#2	.63047	.10748	.25889	.11373	1.6987	1.1142	.11731	.43917
#3	.63215	.10826	.26074	.11536	1.6973	1.1251	.11704	.44115

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	1.4189	.06765	.58199	.23139	.80463	1.5811	13.248
Stddev	.0027	.00014	.00165	.00036	.00342	.0024	.038
%RSD	.18839	.20710	.28352	.15348	.42519	.15064	.28672

#1	1.4199	.06763	.58197	.23173	.80409	1.5831	13.274
#2	1.4158	.06752	.58035	.23102	.80152	1.5785	13.204
#3	1.4209	.06780	.58365	.23141	.80830	1.5817	13.265

Sample Name: S3 Acquired: 05/31/2019 16:14:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.2	3047.2	55328.	13461.	3893.9
Stddev	12.7	4.5	351.	46.	4.7
%RSD	.52783	.14604	.63429	.34359	.12081
#1	2394.3	3042.1	54923.	13410.	3888.5
#2	2402.1	3050.2	55540.	13501.	3896.6
#3	2419.1	3049.3	55522.	13473.	3896.6

Sample Name: S5 Acquired: 05/31/2019 16:22:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.45368	.57898	8.4629	.65131	1.6421	19.849	41.381	3.1683
Stddev	.00042	.00226	.0313	.00094	.0032	.042	.338	.0024
%RSD	.09266	.39039	.36937	.14506	.19159	.21180	.81734	.07470

#1	.45407	.57658	8.4437	.65080	1.6406	19.882	41.765	3.1689
#2	.45375	.57928	8.4460	.65240	1.6457	19.801	41.249	3.1702
#3	.45324	.58107	8.4990	.65072	1.6400	19.863	41.129	3.1656

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.6191	18.295	3.8282	2.6635	4.0965	5.4856	12.529	4.1376
Stddev	.0362	.067	.0024	.0090	.0009	.0117	.027	.0151
%RSD	.41950	.36742	.06137	.33953	.02209	.21264	.21410	.36388

#1	8.5938	18.267	3.8296	2.6579	4.0973	5.4941	12.551	4.1251
#2	8.6030	18.246	3.8296	2.6586	4.0955	5.4723	12.499	4.1334
#3	8.6605	18.371	3.8255	2.6739	4.0967	5.4903	12.537	4.1543

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	2.4638	.44022	1.0237	.43506	6.8684	4.5490	.45405	1.6553
Stddev	.0113	.00152	.0027	.00038	.0387	.0045	.00196	.0032
%RSD	.45677	.34562	.26877	.08801	.56401	.09945	.43151	.19327

#1	2.4524	.44197	1.0242	.43470	6.8740	4.5494	.45226	1.6587
#2	2.4641	.43930	1.0207	.43503	6.8272	4.5443	.45375	1.6548
#3	2.4749	.43937	1.0262	.43546	6.9040	4.5533	.45614	1.6523

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5120	.26422	2.1073	.88964	2.9596	6.3445	49.417
Stddev	.0100	.00106	.0043	.00299	.0053	.0160	.092
%RSD	.18126	.40104	.20547	.33587	.17818	.25173	.18704

#1	5.5008	.26303	2.1114	.88687	2.9628	6.3524	49.313
#2	5.5200	.26457	2.1028	.88923	2.9535	6.3261	49.445
#3	5.5151	.26506	2.1078	.89281	2.9625	6.3550	49.491

Sample Name: S5 Acquired: 05/31/2019 16:22:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.1	2718.0	52904.	13083.	3469.1
Stddev	18.4	5.2	199.	60.	6.9
%RSD	.85294	.19192	.37631	.45652	.20029
#1	2141.4	2718.4	52685.	13024.	3474.9
#2	2174.3	2712.6	53073.	13143.	3471.0
#3	2143.7	2723.0	52955.	13082.	3461.4

Sample Name: S4 Acquired: 05/31/2019 16:18:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23632	.30878	4.2975	.35250	.82344	9.9931	21.115	1.6748
Stddev	.00041	.00044	.0061	.00109	.00072	.0056	.028	.0056
%RSD	.17310	.14399	.14105	.30803	.08712	.05554	.13398	.33112

#1	.23588	.30923	4.2935	.35146	.82279	9.9992	21.084	1.6811
#2	.23669	.30875	4.2945	.35243	.82331	9.9917	21.124	1.6708
#3	.23638	.30835	4.3045	.35363	.82421	9.9884	21.138	1.6724

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5681	9.3889	2.0081	1.3444	2.0906	2.8769	6.5066	2.0925
Stddev	.0091	.0231	.0029	.0027	.0057	.0025	.0106	.0038
%RSD	.20012	.24613	.14549	.20112	.27167	.08591	.16257	.18094

#1	4.5643	9.4155	2.0105	1.3439	2.0843	2.8782	6.5185	2.0961
#2	4.5615	9.3736	2.0088	1.3420	2.0919	2.8785	6.4982	2.0928
#3	4.5786	9.3777	2.0048	1.3474	2.0955	2.8741	6.5032	2.0886

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	1.2544	.21794	.51813	.22304	3.4110	2.2576	.31119	.89021
Stddev	.0030	.00006	.00191	.00050	.0240	.0036	.00123	.00256
%RSD	.23661	.02765	.36933	.22307	.70233	.16000	.39633	.28771

#1	1.2562	.21796	.52015	.22326	3.3836	2.2541	.30989	.89314
#2	1.2510	.21798	.51792	.22247	3.4218	2.2575	.31235	.88905
#3	1.2560	.21787	.51634	.22339	3.4277	2.2613	.31133	.88843

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8630	.17830	1.1555	.46926	1.5932	3.2041	25.830
Stddev	.0058	.00037	.0023	.00080	.0013	.0014	.288
%RSD	.20291	.20572	.20053	.16953	.08028	.04256	1.1151

#1	2.8577	.17805	1.1581	.46908	1.5925	3.2030	26.091
#2	2.8620	.17872	1.1536	.46858	1.5924	3.2037	25.521
#3	2.8692	.17812	1.1548	.47014	1.5946	3.2056	25.878

Sample Name: S4 Acquired: 05/31/2019 16:18:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.3	2917.8	54543.	13365.	3708.8
Stddev	3.2	10.5	136.	54.	10.6
%RSD	.13897	.35841	.24962	.40701	.28518
#1	2317.5	2923.0	54455.	13305.	3710.0
#2	2314.2	2924.8	54473.	13380.	3718.7
#3	2311.1	2905.8	54700.	13411.	3697.6

Sample Name: ICV Acquired: 05/31/2019 16:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.014512	1.037425	1.005363	1.036086	1.048693	2.421590
Stddev	.002237	.006358	.002484	.004243	.004010	.011488
%RSD	.2204654	.6128582	.2471042	.4094768	.3823775	.4743875

#1	1.012506	1.044673	1.005342	1.037675	1.044085	2.429020
#2	1.014106	1.032790	1.002889	1.031278	1.051389	2.408359
#3	1.016924	1.034811	1.007857	1.039304	1.050606	2.427392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5201108	.5147366	.5444663	10.79063	.5157584	.5239002
Stddev	.0008367	.0052975	.0009999	.13710	.0003736	.0005145
%RSD	.1608668	1.029176	.1836424	1.270516	.0724323	.0982045

#1	.5207182	.5187323	.5439861	10.86386	.5160719	.5237766
#2	.5191565	.5087276	.5437971	10.63247	.5153450	.5234588
#3	.5204578	.5167499	.5456156	10.87556	.5158582	.5244652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940230	5.487893	.5308186	6.201837	.5395008	.4954181
Stddev	.0019096	.073638	.0091974	.025430	.0012355	.0008149
%RSD	.3865434	1.341822	1.732685	.4100383	.2290005	.1644963

#1	.4959496	5.514358	.5368058	6.227533	.5381875	.4962678
#2	.4939887	5.404680	.5202284	6.176682	.5396750	.4946431
#3	.4921308	5.544640	.5354215	6.201295	.5406400	.4953434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24972	.5294096	1.022039	9.872308	F -.000097	F .0064623
Stddev	.28612	.0058252	.005688	.032540	.001539	.0007232
%RSD	2.791468	1.100319	.5564997	.3296039	1583.494	11.19110

#1	9.98274	.5359790	1.015599	9.898596	.000563	.0069901
#2	10.21467	.5248740	1.026375	9.835915	-.001856	.0056379
#3	10.55175	.5273757	1.024142	9.882413	.001001	.0067587

Sample Name: ICV Acquired: 05/31/2019 16:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000000	F -.013686	F .0047534	F -.000299	F -.000634	F .0103099
Stddev	.000215	.001937	.0000442	.001025	.000860	.0007806
%RSD	48759.50	14.15446	.9297490	343.1852	135.6359	7.571587
#1	.000238	-.011536	.0047259	-.001365	-.000123	.0101013
#2	-.000179	-.015296	.0048044	.000679	-.001627	.0096548
#3	-.000061	-.014227	.0047300	-.000209	-.000152	.0111736

Elem	Sr4077
Units	ppm
Avg	F .0121299
Stddev	.0000346
%RSD	.2848310
#1	.0121300
#2	.0120953
#3	.0121644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.196	3192.680	56292.34	13655.23	4046.296
Stddev	8.306	4.093	53.97	129.68	5.837
%RSD	.3296909	.1281922	.0958807	.9496692	.1442463
#1	2528.000	3190.945	56354.48	13573.86	4041.825
#2	2511.500	3197.354	56265.43	13804.78	4052.899
#3	2518.089	3189.740	56257.11	13587.05	4044.165

Sample Name: ICB Acquired: 05/31/2019 16:36:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000630	.0018272	-.000291	.0000500	.0006027	.0027314	.0004788
Stddev	.0020700	.0008065	.001395	.0017169	.0013140	.0064102	.0004388
%RSD	3284.809	44.14243	479.9582	3435.013	218.0125	234.6844	91.64437

#1	-.001913	.0009326	-.000503	-.001077	-.000207	.0057811	.0003716
#2	.002216	.0020502	-.001567	.002026	.002119	.0070473	.0001036
#3	-.000114	.0024987	.001199	-.000799	-.000104	-.004634	.0009613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000092	-.004104	.0001125	-.000075	-.002419	-.002638
Stddev	.000042	.000046	.011324	.0003468	.000410	.001737	.003690
%RSD	365.6802	49.64958	275.9142	308.2097	544.4599	71.79770	139.9104

#1	.000035	-.000114	.008114	-.000262	-.000413	-.004411	.001613
#2	-.000022	-.000123	-.014246	.000422	-.000194	-.001619	-.005021
#3	-.000048	-.000040	-.006181	.000178	.000381	-.001226	-.004506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	-.002595	-.000049	-.000111	-.088193	-.000571	-.002406
Stddev	.0002553	.012035	.000494	.000267	.218663	.001306	.001590
%RSD	1133.146	463.6934	1014.403	241.7967	247.9362	228.8209	66.10585

#1	-.000271	-.010770	.000425	-.000205	.162688	.000864	-.004146
#2	.000145	.011224	-.000010	.000191	-.238282	-.001691	-.002043
#3	.000194	-.008240	-.000561	-.000318	-.188986	-.000886	-.001028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683850	-.000234	.0014874	-.000025	-.024546	-.002825	-.000332
Stddev	.0730217	.002289	.0005830	.000164	.002444	.000830	.001409
%RSD	106.7803	979.1740	39.19526	658.8947	9.955861	29.37933	424.4421

#1	-.011361	-.002876	.0008191	.000024	-.021727	-.003759	.000532
#2	.084538	.001157	.0018919	.000109	-.026056	-.002543	.000430
#3	.131978	.001018	.0017512	-.000208	-.025855	-.002172	-.001958

Sample Name: ICB Acquired: 05/31/2019 16:36:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000645	.0045403	-.000010
Stddev	.001101	.0008518	.000085
%RSD	170.7933	18.76060	810.4078

#1	-.000199	.0055116	-.000067
#2	.000164	.0039208	.000087
#3	-.001899	.0041885	-.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.015	3186.801	55910.52	13638.97	3941.670
Stddev	3.815	4.672	211.54	111.74	8.330
%RSD	.1520502	.1465944	.3783497	.8192511	.2113254

#1	2507.334	3181.432	56100.33	13751.01	3935.949
#2	2506.329	3189.025	55948.75	13527.54	3937.835
#3	2513.381	3189.945	55682.47	13638.37	3951.227

Sample Name: ICSA Acquired: 05/31/2019 16:40:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000073	.0077804	.0058757	-.008048	.0036007	243.7558
Stddev	.0004259	.0004103	.0010196	.002149	.0008584	.2270
%RSD	5852.439	5.273230	17.35365	26.69600	23.83881	.0931406

#1	.0001417	.0073126	.0070380	-.010477	.0031327	243.5392
#2	.0003497	.0080790	.0051321	-.006396	.0030781	243.9920
#3	-.000470	.0079496	.0054569	-.007272	.0045914	243.7361

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054947	.0008469	.0003497	261.9667	.0468664	.0014984
Stddev	.0010029	.0000254	.0001348	.3119	.0010632	.0002388
%RSD	18.25263	3.003397	38.56580	.1190670	2.268655	15.93519

#1	.0045936	.0008716	.0002544	261.6289	.0462678	.0014249
#2	.0065752	.0008208	.0002906	262.2438	.0462373	.0013050
#3	.0053153	.0008484	.0005039	262.0273	.0480939	.0017652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003214	104.7141	.0143613	267.3686	-.001337	-.008382
Stddev	.002607	.1117	.0001592	.5740	.000438	.000657
%RSD	81.11496	.1066240	1.108390	.2146923	32.75366	7.837271

#1	-.000412	104.7748	.0143135	266.8727	-.001769	-.008171
#2	-.003662	104.5853	.0145389	267.2358	-.000894	-.007856
#3	-.005569	104.7823	.0142315	267.9974	-.001347	-.009118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.312479	.0024924	.0028046	-.074811	F .0081581	-.019747
Stddev	.154645	.0022262	.0014406	.088999	.0007716	.001739
%RSD	49.48985	89.31920	51.36441	118.9647	9.457642	8.806823

#1	-.445462	.0031795	.0026769	-.098262	.0073582	-.018866
#2	-.142780	.0000037	.0043048	-.149736	.0088978	-.021750
#3	-.349194	.0042940	.0014322	.023565	.0082183	-.018625

Sample Name: ICSA Acquired: 05/31/2019 16:40:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006814	F -.017569	F -.003471	-.002384	F -.003167	W .0116796
Stddev	.0002062	.002832	.000346	.002380	.000692	.0009174
%RSD	30.26549	16.12164	9.954866	99.83912	21.83943	7.854901

#1	.0009061	-.020733	-.003549	-.000165	-.002385	.0127260
#2	.0006375	-.016704	-.003771	-.004897	-.003415	.0110130
#3	.0005007	-.015270	-.003093	-.002090	-.003699	.0112999

Elem	Sr4077
Units	ppm
Avg	F .1051550
Stddev	.0002814
%RSD	.2676403

#1	.1051246
#2	.1048901
#3	.1054505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.703	3030.547	54077.12	13216.44	3784.794
Stddev	9.841	9.324	50.32	37.43	2.231
%RSD	.4132011	.3076835	.0930466	.2832259	.0589450

#1	2392.063	3021.347	54043.43	13206.65	3784.009
#2	2372.479	3039.991	54052.98	13184.88	3787.312
#3	2380.567	3030.303	54134.96	13257.80	3783.062

Sample Name: S6 Acquired: 05/31/2019 16:26:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	52.968	29.774	14.727	6.7695	2.8862
Stddev	.109	.147	.036	.0328	.0066
%RSD	.20599	.49383	.24625	.48498	.22704

#1	53.059	29.894	14.709	6.7581	2.8813
#2	52.847	29.818	14.702	6.7438	2.8835
#3	52.999	29.610	14.768	6.8065	2.8936

Int. Std.	Y_3710
Units	Cts/S
Avg	12795.
Stddev	24.
%RSD	.18640

#1	12806.
#2	12811.
#3	12767.

Sample Name: ICSAB Acquired: 05/31/2019 16:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078659	.1186462	.0572866	.0419499	.6513842	240.0359
Stddev	.0015538	.0032206	.0022649	.0031520	.0034062	.5514
%RSD	1.440455	2.714431	3.953678	7.513635	.5229138	.2297309

#1	.1072497	.1154750	.0567506	.0417631	.6483347	240.5113
#2	.1067147	.1219140	.0553377	.0388955	.6550601	239.4313
#3	.1096332	.1185495	.0597714	.0451911	.6507577	240.1650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424885	.5357303	1.077537	256.7574	.5700159	.5335946
Stddev	.0011164	.0011585	.002244	2.0382	.0000700	.0010276
%RSD	.2057932	.2162506	.2082972	.7938357	.0122764	.1925757

#1	.5411995	.5357104	1.075040	259.0855	.5700799	.5324081
#2	.5431441	.5345819	1.078183	255.2940	.5699412	.5341942
#3	.5431220	.5368987	1.079387	255.8928	.5700267	.5341814

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4944938	102.7898	.5501535	262.1248	1.073530	.2060759
Stddev	.0031485	.4945	.0044247	2.0263	.004394	.0002913
%RSD	.6367168	.4811109	.8042586	.7730365	.4092923	.1413744

#1	.4974211	103.3498	.5552076	264.2975	1.069304	.2057407
#2	.4948974	102.4132	.5469783	260.2865	1.073211	.2062688
#3	.4911630	102.6063	.5482747	261.7903	1.078075	.2062180

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.322356	.5354814	1.060144	-.152999	F .0069553	-.020146
Stddev	.125759	.0037728	.006641	.040206	.0039277	.002876
%RSD	39.01237	.7045561	.6264443	26.27825	56.47000	14.27738

#1	-.181983	.5380759	1.067791	-.109805	.0032277	-.018235
#2	-.360346	.5311535	1.055814	-.159860	.0065819	-.018749
#3	-.424741	.5372149	1.056828	-.189333	.0110564	-.023454

Sample Name: ICSAB Acquired: 05/31/2019 16:44:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006397	F -.015286	F -.002069	-.004085	F -.002772	W .0098500
Stddev	.0002638	.001756	.001604	.001262	.000554	.0013509
%RSD	41.23455	11.48751	77.53147	30.89014	19.99103	13.71510

#1	.0009326	-.015682	-.003203	-.005541	-.002153	.0104930
#2	.0004209	-.013366	-.002769	-.003425	-.002941	.0082977
#3	.0005656	-.016810	-.000234	-.003290	-.003223	.0107593

Elem	Sr4077
Units	ppm
Avg	F .1034312
Stddev	.0002819
%RSD	.2725604

#1	.1037163
#2	.1031526
#3	.1034246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.303	3034.140	54284.79	13293.30	3795.980
Stddev	9.130	4.031	228.14	59.83	4.568
%RSD	.3832246	.1328702	.4202704	.4500464	.1203476

#1	2373.381	3036.604	54068.73	13252.57	3801.225
#2	2391.627	3029.487	54262.28	13361.98	3793.841
#3	2381.901	3036.329	54523.35	13265.34	3792.873

Sample Name: CCV055 Acquired: 05/31/2019 16:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793901	4.876255	24.85122	4.669918	4.862799	412.7287	10.08652
Stddev	.004085	.020654	.02198	.000613	.005290	1.0706	.02503
%RSD	.0852168	.4235575	.0884497	.0131242	.1087843	.2593846	.2482023

#1	4.789299	4.882119	24.85250	4.669212	4.868542	413.9572	10.10901
#2	4.797102	4.853303	24.82863	4.670314	4.858124	411.9958	10.09101
#3	4.795300	4.893342	24.87254	4.670228	4.861732	412.2329	10.05955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050217	2.462402	418.5087	14.99763	2.538972	15.12854	419.5320
Stddev	.0033899	.004403	2.1210	.03028	.004274	.00544	1.3773
%RSD	.6712352	.1788211	.5068028	.2018876	.1683297	.0359548	.3282983

#1	.5071539	2.461174	420.3923	15.01558	2.538121	15.13471	420.2938
#2	.5067985	2.458742	418.9225	15.01463	2.535188	15.12648	420.3601
#3	.5011128	2.467288	416.2113	14.96267	2.543608	15.12444	417.9421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18004	412.5616	2.496401	1.264206	409.3825	2.515833	14.82737
Stddev	.07537	.9712	.001717	.003414	1.0729	.009158	.09953
%RSD	.4964980	.2354159	.0687832	.2700675	.2620813	.3640083	.6712415

#1	15.23917	413.1504	2.497132	1.260266	409.4333	2.517074	14.72993
#2	15.20576	413.0939	2.494440	1.266051	410.4291	2.524308	14.82330
#3	15.09517	411.4406	2.497632	1.266301	408.2850	2.506118	14.92886

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.8880	4.612762	5.067712	4.885140	4.587115	5.032257	5.013096
Stddev	.3830	.016399	.018655	.001262	.013602	.033485	.003654
%RSD	.2472661	.3555174	.3681169	.0258293	.2965163	.6654045	.0728866

#1	155.1122	4.631601	5.066236	4.884066	4.592675	5.053799	5.016172
#2	155.1061	4.605010	5.087061	4.886529	4.571615	5.049293	5.009057
#3	154.4458	4.601677	5.049839	4.884825	4.597056	4.993680	5.014059

Sample Name: CCV055 Acquired: 05/31/2019 16:48:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.029642	5.060612	5.101419
Stddev	.017233	.014775	.026806
%RSD	.3426210	.2919540	.5254539

#1	5.044035	5.063442	5.129031
#2	5.034344	5.073766	5.099725
#3	5.010546	5.044626	5.075500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.916	2836.107	53018.30	12941.39	3513.481
Stddev	11.733	4.051	137.96	46.46	3.823
%RSD	.5226510	.1428276	.2602154	.3589927	.1088004

#1	2258.250	2840.534	53175.93	12917.39	3516.937
#2	2240.325	2832.585	52919.53	12911.84	3514.132
#3	2236.172	2835.202	52959.44	12994.94	3509.375

Sample Name: CCB055 Acquired: 05/31/2019 16:52:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001077	.0010020	.0005932	.0014856	-.000719	.0072321	.0011188
Stddev	.001714	.0009748	.0000832	.0026803	.000872	.0036524	.0003461
%RSD	159.1402	97.28879	14.01839	180.4202	121.2672	50.50189	30.93716

#1	-.000545	.0020769	.0006519	.0031153	-.001699	.0031914	.0011266
#2	.000308	.0007538	.0006297	.0029494	-.000026	.0102984	.0007688
#3	-.002994	.0001753	.0004981	-.001608	-.000433	.0082066	.0014610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	.0000178	-.006467	.0001205	-.000279	-.000372	.0052218
Stddev	.000055	.0001395	.005486	.0002437	.000360	.001998	.0039928
%RSD	468.5367	782.0910	84.84118	202.2264	129.1149	537.7187	76.46421

#1	-.000057	-.000094	-.000377	.0001640	.000019	.001931	.0020999
#2	.000049	.000174	-.011023	-.000142	-.000177	-.001398	.0038446
#3	-.000028	-.000027	-.008000	.000340	-.000678	-.001647	.0097209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001308	.0220032	-.000318	-.000250	-.146235	.0006509	-.002118
Stddev	.0002497	.0153433	.000051	.000263	.160394	.0012301	.001251
%RSD	190.9015	69.73235	16.20515	105.4240	109.6827	188.9780	59.07752

#1	-.000152	.0266097	-.000349	-.000483	.026126	.0019026	-.000995
#2	.000223	.0048843	-.000258	.000036	-.291111	-.000556	-.003467
#3	.000321	.0345155	-.000346	-.000302	-.173718	.000607	-.001891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819431	-.001442	.0061463	.0003048	-.026680	-.001880	.0005820
Stddev	.0425807	.000384	.0003876	.0002992	.003104	.000951	.0004731
%RSD	51.96378	26.66489	6.306160	98.18294	11.63549	50.60283	81.28593

#1	.0504589	-.001770	.0060192	.0006174	-.023358	-.002300	.0000375
#2	.0649793	-.001536	.0065815	.0000211	-.027174	-.002548	.0008922
#3	.1303912	-.001019	.0058383	.0002757	-.029507	-.000791	.0008165

Sample Name: CCB055 Acquired: 05/31/2019 16:52:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002539	.0045516	.0000477
Stddev	.0007359	.0001417	.0000322
%RSD	289.8412	3.113227	67.60215

#1	-.000482	.0045413	.0000808
#2	.000990	.0046982	.0000457
#3	.000254	.0044154	.0000165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.480	3192.751	55854.90	13611.60	3948.038
Stddev	3.925	9.749	37.96	85.82	9.822
%RSD	.1563564	.3053426	.0679639	.6304594	.2487838

#1	2514.722	3183.156	55861.05	13602.09	3941.091
#2	2509.742	3202.646	55889.40	13530.93	3959.275
#3	2506.976	3192.451	55814.23	13701.77	3943.747

Sample Name: K2940-02 Acquired: 05/31/2019 17:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293771	.0070534	.3787873	-.007923	.0041392	8.501946	.0540186
Stddev	.0011642	.0016234	.0007464	.000538	.0001973	.006358	.0001316
%RSD	3.962938	23.01570	.1970621	6.792246	4.767162	.0747866	.2435350

#1	.0288307	.0064562	.3779964	-.007533	.0042893	8.504044	.0539168
#2	.0285866	.0088908	.3788859	-.007700	.0039157	8.506991	.0539719
#3	.0307140	.0058132	.3794796	-.008537	.0042126	8.494804	.0541671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040644	.0020545	12.95119	-.005623	.0273468	.1277811	35.42138
Stddev	.0000479	.0000623	.07766	.000301	.0001402	.0015316	.10759
%RSD	1.178657	3.034338	.5996485	5.347067	.5127724	1.198636	.3037564

#1	.0040535	.0021253	13.00166	-.005740	.0273489	.1293569	35.50433
#2	.0041168	.0020079	12.99015	-.005281	.0274859	.1262978	35.46000
#3	.0040228	.0020304	12.86176	-.005847	.0272055	.1276888	35.29980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.13028	1.914693	.0156135	.0068169	3.933185	.0154633	.6797173
Stddev	.05209	.001691	.0000593	.0003095	.057232	.0009324	.0070107
%RSD	.4294493	.0883198	.3800591	4.539532	1.455115	6.029878	1.031419

#1	12.16640	1.913629	.0156795	.0071654	3.997518	.0144695	.6843008
#2	12.15387	1.916643	.0155966	.0065743	3.887925	.0156014	.6832043
#3	12.07056	1.913807	.0155645	.0067111	3.914111	.0163189	.6716467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.753183	.3784157	.3552073	-.000457	1190.865	6.794396	-.001984
Stddev	.006277	.0027093	.0026386	.000038	2.394	.030626	.000525
%RSD	.1090965	.7159508	.7428394	8.351931	.2010636	.4507537	26.46664

#1	5.747799	.3769790	.3526161	-.000497	1188.198	6.775143	-.001405
#2	5.760077	.3767274	.3578909	-.000454	1191.568	6.829712	-.002115
#3	5.751675	.3815407	.3551149	-.000421	1192.829	6.778333	-.002430

Sample Name: K2940-02 Acquired: 05/31/2019 17:03:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029853	-.003414	.2581240
Stddev	.0004072	.000674	.0002511
%RSD	13.64012	19.74445	.0972804

#1	.0028256	-.003484	.2578522
#2	.0034482	-.002708	.2583473
#3	.0026822	-.004051	.2581724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4211.986	5341.540	94419.23	22896.35	4107.652
Stddev	28.051	14.065	458.87	111.70	6.316
%RSD	.6659772	.2633161	.4859870	.4878605	.1537577

#1	4205.220	5352.737	94302.72	22968.84	4114.151
#2	4187.937	5346.130	94029.84	22767.72	4107.268
#3	4242.801	5325.753	94925.12	22952.51	4101.537

Sample Name: K2940-03 Acquired: 05/31/2019 17:07:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4581449	.0082487	.5531294	-.010727	-.000573	28.41429	.0827907
Stddev	.0040552	.0026973	.0010294	.001802	.000291	.07782	.0006523
%RSD	.8851258	32.69974	.1861010	16.80282	50.77595	.2738838	.7878840

#1	.4613984	.0113588	.5526666	-.012353	-.000245	28.38574	.0830041
#2	.4536018	.0065477	.5524126	-.008789	-.000800	28.35478	.0820584
#3	.4594346	.0068397	.5543089	-.011039	-.000674	28.50236	.0833095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094999	.0594405	55.93644	-.001804	.0904138	1.422328	38.15714
Stddev	.0000321	.0003150	.30773	.000340	.0001178	.006909	.28617
%RSD	.3382167	.5299391	.5501474	18.83185	.1303133	.4857327	.7499769

#1	.0095177	.0592597	55.80550	-.001453	.0904111	1.415954	38.00152
#2	.0094628	.0592576	55.71583	-.001828	.0902973	1.421361	37.98250
#3	.0095192	.0598043	56.28799	-.002132	.0905329	1.429670	38.48740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.60694	11.46664	.0303366	.1790790	2.965717	.0503582	4.924509
Stddev	.17010	.04501	.0004855	.0007712	.117852	.0007105	.036448
%RSD	.6393084	.3924900	1.600287	.4306566	3.973824	1.410859	.7401303

#1	26.54131	11.43152	.0301565	.1784376	2.834505	.0505316	4.888220
#2	26.47943	11.45103	.0308864	.1799347	3.062577	.0495771	4.924192
#3	26.80007	11.51738	.0299669	.1788648	3.000067	.0509660	4.961114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.77412	16.91547	.2556792	.0011631	1070.234	22.90932	-.002821
Stddev	.06614	.04272	.0013170	.0002426	3.500	.04190	.000742
%RSD	.4802109	.2525715	.5150958	20.86044	.3269868	.1828864	26.31602

#1	13.70985	16.88733	.2546406	.0009249	1066.979	22.94204	-.002991
#2	13.77050	16.89446	.2552366	.0011544	1069.786	22.86210	-.002009
#3	13.84199	16.96463	.2571605	.0014099	1073.935	22.92383	-.003464

Sample Name: K2940-03 Acquired: 05/31/2019 17:07:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0279487	.0211734	.3486133
Stddev	.0006121	.0005654	.0004049
%RSD	2.190028	2.670425	.1161382

#1	.0277404	.0213065	.3482901
#2	.0274679	.0205533	.3484825
#3	.0286377	.0216604	.3490675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.968	4502.847	79763.43	19453.45	4132.915
Stddev	27.249	14.965	611.63	54.93	17.740
%RSD	.7607324	.3323527	.7667997	.2823526	.4292475

#1	3613.432	4515.797	80408.23	19484.57	4150.846
#2	3566.012	4506.280	79191.51	19485.75	4132.528
#3	3566.461	4486.463	79690.54	19390.03	4115.371

Sample Name: K2940-01 Acquired: 05/31/2019 16:59:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA008 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.359834	.0077970	.0631142	-.008625	.0102654	18.38075	.0500236
Stddev	.003413	.0006229	.0004787	.001158	.0002617	.05794	.0002136
%RSD	.1015763	7.989247	.7583994	13.42731	2.549580	.3152119	.4269998

#1	3.357140	.0077517	.0626598	-.009954	.0105664	18.43018	.0502422
#2	3.363672	.0084413	.0636139	-.008082	.0101388	18.39508	.0500133
#3	3.358691	.0071979	.0630689	-.007837	.0100911	18.31699	.0498154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099371	.0745175	41.52815	-.003193	.0477939	2.218559	65.84152
Stddev	.0000701	.0003009	.39306	.000320	.0001846	.008078	.53209
%RSD	.7055868	.4038403	.9464799	10.03236	.3862827	.3641183	.8081386

#1	.0099557	.0747247	41.76966	-.003377	.0479845	2.226544	66.12682
#2	.0099961	.0741723	41.74019	-.002823	.0476159	2.218743	66.17011
#3	.0098596	.0746553	41.07461	-.003379	.0477813	2.210390	65.22762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.178472	1.672939	.0092066	.0566010	3.117008	.0099968	1.160572
Stddev	.062503	.012413	.0005468	.0000922	.177083	.0007702	.005470
%RSD	1.011633	.7419773	5.938775	.1628993	5.681185	7.704906	.4713413

#1	6.208225	1.686999	.0087963	.0567011	3.302175	.0093300	1.166693
#2	6.220539	1.668317	.0089962	.0565195	2.949303	.0098205	1.156161
#3	6.106650	1.663500	.0098273	.0565823	3.099548	.0108399	1.158861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82859	23.93565	.2647813	.0010481	1023.779	12.96444	-.002253
Stddev	.01013	.01596	.0010449	.0000524	.700	.09841	.000787
%RSD	.0935239	.0666609	.3946216	4.998989	.0683775	.7590806	34.92721

#1	10.82302	23.91932	.2655946	.0011081	1023.891	13.02025	-.002018
#2	10.82247	23.93643	.2651465	.0010251	1024.416	13.02225	-.001611
#3	10.84028	23.95120	.2636029	.0010112	1023.030	12.85081	-.003131

Sample Name: K2940-01 Acquired: 05/31/2019 16:59:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101836	-.000166	.1630025
Stddev	.0003473	.000505	.0002792
%RSD	3.409856	304.3043	.1712645

#1	.0101035	.000367	.1628212
#2	.0105639	-.000226	.1633239
#3	.0098834	-.000639	.1628622

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.621	4918.388	87160.59	21343.37	4131.651
Stddev	9.821	11.464	163.55	179.32	5.176
%RSD	.2510815	.2330947	.1876427	.8401612	.1252658

#1	3900.903	4925.263	87322.35	21270.79	4131.139
#2	3913.767	4905.153	86995.30	21211.71	4126.750
#3	3920.191	4924.747	87164.12	21547.60	4137.063

Sample Name: K2940-06 Acquired: 05/31/2019 17:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.254318	.0067327	.0740741	-.004430	.0051132	21.23071	.0617972
Stddev	.007643	.0006934	.0023133	.002236	.0009074	.08148	.0001699
%RSD	.3390541	10.29949	3.122974	50.46989	17.74665	.3837958	.2748789

#1	2.255447	.0073796	.0767423	-.003377	.0041127	21.15924	.0618489
#2	2.246173	.0068178	.0728502	-.002914	.0053439	21.31944	.0616075
#3	2.261335	.0060006	.0726299	-.006997	.0058830	21.21345	.0619353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026951	.0071025	7.966207	-.000638	.0134143	.2694864	32.48508
Stddev	.0000997	.0000134	.073808	.000174	.0001647	.0002645	.20361
%RSD	3.698687	.1885999	.9265083	27.24185	1.227566	.0981377	.6267920

#1	.0027689	.0070884	7.924736	-.000827	.0135983	.2695173	32.36240
#2	.0027347	.0071042	8.051423	-.000604	.0132806	.2697341	32.72012
#3	.0025817	.0071150	7.922463	-.000485	.0133641	.2692079	32.37273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.728532	1.480619	.0078590	.1007201	3.618398	.0527506	1.353287
Stddev	.061420	.006245	.0003022	.0000834	.283938	.0034854	.008458
%RSD	.9128341	.4217915	3.844579	.0828042	7.847069	6.607260	.6250107

#1	6.687094	1.480246	.0075173	.1007473	3.579563	.0489415	1.354927
#2	6.799097	1.474569	.0079686	.1007866	3.919755	.0535301	1.344129
#3	6.699405	1.487043	.0080910	.1006266	3.355876	.0557802	1.360805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69448	4.271017	.3285164	.0021238	1014.469	10.86689	-.000741
Stddev	.04429	.010616	.0023653	.0002063	2.247	.05714	.000327
%RSD	.4141174	.2485595	.7199967	9.712574	.2214931	.5258183	44.10463

#1	10.65054	4.272081	.3274242	.0023540	1012.603	10.86274	-.000759
#2	10.69381	4.259909	.3312305	.0020614	1013.841	10.92598	-.000405
#3	10.73910	4.281061	.3268946	.0019559	1016.964	10.81193	-.001058

Sample Name: K2940-06 Acquired: 05/31/2019 17:19:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0964880	-.002713	.0998353
Stddev	.0001340	.000598	.0002060
%RSD	.1389145	22.05142	.2063662

#1	.0963717	-.003401	.1000412
#2	.0964578	-.002311	.0996292
#3	.0966346	-.002427	.0998354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.061	4332.307	76559.08	18482.33	4248.444
Stddev	13.824	7.405	71.60	81.74	12.732
%RSD	.4023337	.1709336	.0935196	.4422698	.2996867

#1	3434.764	4339.399	76529.03	18492.58	4261.177
#2	3450.489	4332.898	76640.81	18395.94	4248.441
#3	3422.931	4324.624	76507.40	18558.46	4235.713

Sample Name: K2940-04 Acquired: 05/31/2019 17:11:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4108526	.0080931	1.968132	-.014567	.0036951	12.33578
Stddev	.0003322	.0012605	.006301	.000699	.0017385	.02995
%RSD	.0808540	15.57549	.3201506	4.795882	47.04830	.2428056

#1	.4105507	.0066386	1.974021	-.013992	.0046375	12.35248
#2	.4107986	.0088668	1.968889	-.015345	.0016889	12.30120
#3	.4112084	.0087740	1.961487	-.014366	.0047589	12.35366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427249	.0203276	.2973988	128.3883	-.004916	.0680931
Stddev	.0005724	.0002691	.0010230	.4833	.000012	.0001753
%RSD	1.339849	1.323883	.3439675	.3764185	.2449488	.2574643

#1	.0433076	.0200695	.2985798	128.4945	-.004926	.0679908
#2	.0427039	.0203067	.2967898	127.8607	-.004903	.0682956
#3	.0421632	.0206065	.2968269	128.8096	-.004920	.0679930

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.537754	55.93379	28.00966	13.20092	.1974482	.1278473
Stddev	.005995	.22685	.09910	.07205	.0009699	.0004563
%RSD	.1694583	.4055720	.3538070	.5457849	.4912155	.3568870

#1	3.539978	55.97458	28.00168	13.16945	.1985681	.1276283
#2	3.542320	55.68931	27.91479	13.14995	.1968933	.1275419
#3	3.530965	56.13748	28.11250	13.28335	.1968832	.1283718

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.168781	.0370856	F 52.56843	19.68138	18.90613	.3463412
Stddev	.152033	.0005078	.48934	.04947	.11278	.0020273
%RSD	3.646940	1.369353	.9308716	.2513314	.5965170	.5853370

#1	4.115245	.0366212	52.99693	19.73832	19.01823	.3447674
#2	4.050758	.0376279	52.67317	19.65682	18.90748	.3456274
#3	4.340340	.0370078	52.03520	19.64900	18.79269	.3486288

Sample Name: K2940-04 Acquired: 05/31/2019 17:11:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085307	1157.726	43.91250	-.002077	.0094994	.0089984
Stddev	.0001177	9.401	.48732	.002062	.0004716	.0005169
%RSD	1.380060	.8120449	1.109743	99.25699	4.963995	5.744857

#1	.0084843	1167.902	43.52065	-.004444	.0096928	.0092510
#2	.0086646	1155.911	43.75869	-.000669	.0098435	.0084037
#3	.0084433	1149.364	44.45816	-.001119	.0089619	.0093405

Elem	Sr4077
Units	ppm
Avg	4.129165
Stddev	.045092
%RSD	1.092048

#1	4.077585
#2	4.148792
#3	4.161118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.213	4723.807	83051.71	20084.48	4097.767
Stddev	2.181	32.722	161.01	191.18	38.893
%RSD	.0589772	.6927107	.1938706	.9518558	.9491335

#1	3699.237	4688.704	82878.14	20223.23	4056.957
#2	3697.497	4729.249	83196.20	20163.80	4101.936
#3	3694.904	4753.467	83080.80	19866.41	4134.408

Sample Name: K2940-05 Acquired: 05/31/2019 17:15:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.267804	.0046570	.8452024	-.006181	.0137256	35.53787	.0575384
Stddev	.002963	.0007615	.0042185	.000500	.0017281	.04239	.0004269
%RSD	.0694239	16.35143	.4991050	8.092543	12.59064	.1192765	.7419806

#1	4.265087	.0039812	.8471382	-.006133	.0152461	35.55273	.0579167
#2	4.267361	.0054821	.8403635	-.006704	.0118461	35.49005	.0576231
#3	4.270963	.0045077	.8481055	-.005707	.0140845	35.57082	.0570755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129466	.0257656	20.77337	.0068312	.0088585	2.560433	35.63406
Stddev	.0000907	.0000640	.16085	.0000760	.0000500	.004940	.19978
%RSD	.7004562	.2483697	.7743232	1.113045	.5645268	.1929332	.5606476

#1	.0130500	.0258274	20.92386	.0067494	.0088651	2.562684	35.84495
#2	.0128805	.0257698	20.60385	.0068997	.0089049	2.554768	35.44764
#3	.0129093	.0256996	20.79240	.0068446	.0088055	2.563846	35.60959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.10695	4.175084	.0084155	.0595698	5.570691	.0548130	1.437914
Stddev	.09259	.022814	.0000821	.0003625	.148677	.0014580	.010784
%RSD	.8336096	.5464384	.9753566	.6084378	2.668915	2.659965	.7499644

#1	11.20047	4.193123	.0084325	.0594830	5.737471	.0545173	1.431040
#2	11.01532	4.149438	.0083263	.0599677	5.452041	.0563962	1.450343
#3	11.10505	4.182690	.0084878	.0592586	5.522561	.0535255	1.432359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.589693	7.766812	.4595611	.0012661	1100.688	21.53430	-.001727
Stddev	.036644	.018142	.0047126	.0001962	2.839	.25531	.001158
%RSD	.6555634	.2335889	1.025455	15.49761	.2579400	1.185588	67.06420

#1	5.564552	7.756675	.4650022	.0014712	1099.301	21.79225	-.001585
#2	5.572789	7.756004	.4569047	.0010802	1098.810	21.28172	-.002949
#3	5.631738	7.787758	.4567764	.0012470	1103.954	21.52892	-.000646

Sample Name: K2940-05 Acquired: 05/31/2019 17:15:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0759844	.0007555	.1845442
Stddev	.0011302	.0012283	.0002993
%RSD	1.487398	162.5866	.1622025

#1	.0771288	-.000564	.1848776
#2	.0759553	.000964	.1842984
#3	.0748690	.001866	.1844567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.302	3921.309	69120.42	16807.02	4303.608
Stddev	5.207	14.481	149.19	191.29	12.572
%RSD	.1674769	.3692942	.2158423	1.138171	.2921381

#1	3113.292	3922.851	69275.13	16633.28	4302.131
#2	3103.411	3934.957	69108.69	17012.02	4316.854
#3	3111.203	3906.118	68977.45	16775.76	4291.840

Sample Name: K2940-07 Acquired: 05/31/2019 17:23:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.775757	.0097680	.5765861	-.008912	.0161964	25.86115	.1463570
Stddev	.006947	.0027257	.0035195	.001718	.0008591	.04541	.0002623
%RSD	.3911875	27.90474	.6103974	19.27266	5.304222	.1755819	.1792466

#1	1.783215	.0127360	.5800546	-.010860	.0170645	25.88013	.1464262
#2	1.769471	.0073769	.5730178	-.008259	.0153466	25.80933	.1465778
#3	1.774584	.0091911	.5766858	-.007616	.0161780	25.89398	.1460670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035916	.0544648	48.62291	-.001485	.0162958	1.137601	61.41098
Stddev	.0000919	.0001836	.30859	.000049	.0001800	.001975	.25252
%RSD	2.559895	.3371362	.6346626	3.274955	1.104361	.1736507	.4112019

#1	.0036189	.0545474	48.43737	-.001518	.0163773	1.136051	61.30705
#2	.0034891	.0542544	48.45222	-.001429	.0164206	1.136926	61.22701
#3	.0036668	.0545927	48.97914	-.001507	.0160895	1.139825	61.69889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12878	2.812851	.0176669	.0039474	8.068016	.0874392	2.298034
Stddev	.05413	.007813	.0003084	.0002334	.273264	.0008605	.010036
%RSD	.5343908	.2777689	1.745721	5.913204	3.387005	.9841522	.4367111

#1	10.10545	2.809909	.0180228	.0037668	8.381479	.0867957	2.295845
#2	10.09024	2.806937	.0174798	.0042109	7.942569	.0871054	2.308984
#3	10.19067	2.821709	.0174979	.0038644	7.879999	.0884167	2.289273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59697	7.183927	.3956667	.0013488	1062.525	5.245770	-.000499
Stddev	.02088	.033988	.0026514	.0003145	4.238	.031346	.001018
%RSD	.1430648	.4731164	.6701133	23.31476	.3988744	.5975510	204.1945

#1	14.57695	7.217576	.3930748	.0013649	1066.910	5.213043	.000530
#2	14.59535	7.149609	.3955512	.0010266	1058.451	5.248744	-.001506
#3	14.61862	7.184596	.3983739	.0016549	1062.215	5.275523	-.000520

Sample Name: K2940-07 Acquired: 05/31/2019 17:23:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3016827	.0007895	.5994818
Stddev	.0016899	.0005045	.0011846
%RSD	.5601526	63.89449	.1976112

#1	.3033738	.0011624	.6006246
#2	.2999940	.0009907	.5982593
#3	.3016802	.0002155	.5995614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.262	3620.348	63990.21	15495.01	4340.438
Stddev	8.564	6.732	120.27	102.20	13.212
%RSD	.2984676	.1859494	.1879474	.6595660	.3044006

#1	2878.117	3616.410	63853.75	15563.68	4331.437
#2	2868.648	3628.121	64080.78	15543.80	4355.606
#3	2861.022	3616.512	64036.09	15377.56	4334.270

Sample Name: K2940-11 Acquired: 05/31/2019 17:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7338508	.0108477	1.657247	-.009886	.0073318	14.45168	.0533332
Stddev	.0011361	.0019039	.004876	.001265	.0008481	.02731	.0001002
%RSD	.1548119	17.55128	.2942523	12.79417	11.56678	.1889864	.1879575

#1	.7328931	.0088461	1.651654	-.010987	.0066180	14.48066	.0534371
#2	.7335533	.0126359	1.660613	-.010167	.0071082	14.42642	.0532370
#3	.7351061	.0110610	1.659473	-.008504	.0082693	14.44795	.0533257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103883	.0324783	31.51639	.0111025	.0582712	2.303564	20.06015
Stddev	.0000346	.0001146	.10112	.0003661	.0002458	.008200	.06562
%RSD	.3328640	.3528101	.3208509	3.297181	.4218409	.3559706	.3270988

#1	.0103610	.0324307	31.62936	.0106858	.0584994	2.304927	20.09727
#2	.0104272	.0326091	31.43435	.0113724	.0580109	2.294767	19.98439
#3	.0103768	.0323953	31.48546	.0112493	.0583032	2.310997	20.09879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.41729	4.286586	.0309746	.1786104	4.069643	.8845952	3.673962
Stddev	.12348	.028475	.0003689	.0002450	.167015	.0027077	.013485
%RSD	.4503817	.6642732	1.191098	.1371613	4.103931	.3060991	.3670303

#1	27.50334	4.308337	.0305583	.1784800	4.123443	.8825010	3.663987
#2	27.27580	4.254357	.0311044	.1788930	4.203127	.8876529	3.668594
#3	27.47272	4.297064	.0312611	.1784582	3.882358	.8836317	3.689303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.503662	9.078960	.3497085	.0005487	1111.868	11.56055	-.003095
Stddev	.033417	.018570	.0015451	.0000533	1.074	.04263	.001388
%RSD	.3516204	.2045358	.4418301	9.710827	.0965860	.3687622	44.83490

#1	9.468108	9.078156	.3511681	.0006098	1112.458	11.60599	-.003727
#2	9.508453	9.060806	.3480901	.0005121	1110.629	11.52143	-.001504
#3	9.534424	9.097919	.3498672	.0005241	1112.518	11.55422	-.004054

Sample Name: K2940-11 Acquired: 05/31/2019 17:39:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0139421	.0010870	.4395903
Stddev	.0001189	.0013439	.0005710
%RSD	.8527699	123.6381	.1298844

#1	.0140296	.0021232	.4402269
#2	.0138067	-.000432	.4391235
#3	.0139900	.001569	.4394204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.788	4124.921	73009.79	17877.65	4320.129
Stddev	11.004	3.300	404.05	33.63	3.182
%RSD	.3370368	.0800121	.5534197	.1881229	.0736638

#1	3277.476	4121.489	73463.96	17848.75	4318.825
#2	3257.858	4125.202	72690.23	17914.57	4317.805
#3	3259.030	4128.072	72875.18	17869.63	4323.756

Sample Name: K2940-10 Acquired: 05/31/2019 17:35:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337611	.0129530	.3067455	-.019805	.0049245	19.73448
Stddev	.004182	.0014030	.0040846	.000664	.0005484	.10158
%RSD	.3126626	10.83146	1.331595	3.354053	11.13604	.5147212

#1	1.332824	.0113331	.3108326	-.019040	.0055552	19.85167
#2	1.339458	.0137793	.3067405	-.020239	.0045597	19.67173
#3	1.340553	.0137466	.3026634	-.020137	.0046587	19.68004

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0813112	.0038533	.0227519	27.34705	-.012432	.0549174
Stddev	.0008805	.0000189	.0000917	.24016	.000648	.0001035
%RSD	1.082898	.4904088	.4032193	.8781977	5.212051	.1885090

#1	.0805705	.0038654	.0226770	27.48893	-.012361	.0550218
#2	.0810784	.0038630	.0228542	27.48246	-.011822	.0548148
#3	.0822848	.0038316	.0227244	27.06976	-.013112	.0549157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8167867	29.68122	F 85.88261	5.356103	.0312406	.0841059
Stddev	.0015939	.16322	.44979	.030648	.0006090	.0001429
%RSD	.1951459	.5499172	.5237226	.5722092	1.949360	.1699117

#1	.8156659	29.81130	85.96846	5.349078	.0315473	.0842699
#2	.8160828	29.73429	85.39608	5.389654	.0305392	.0840083
#3	.8186114	29.49807	86.28328	5.329577	.0316352	.0840394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.550428	.0367072	3.640995	17.79073	6.563291	.4013785
Stddev	.124365	.0029355	.018290	.07283	.018160	.0015639
%RSD	2.733047	7.997090	.5023281	.4093685	.2766916	.3896223

#1	4.659781	.0360995	3.629587	17.75191	6.565390	.4017095
#2	4.576362	.0341231	3.662091	17.87475	6.580310	.4027504
#3	4.415140	.0398990	3.631306	17.74554	6.544173	.3996756

Sample Name: K2940-10 Acquired: 05/31/2019 17:35:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006569	1090.629	15.93632	-.001512	.1525148	.0026704
Stddev	.0002632	2.838	.06060	.001416	.0007609	.0010879
%RSD	40.06032	.2602619	.3802928	93.62263	.4989314	40.74046

#1	.0009055	1091.609	15.98680	-.000039	.1532050	.0017479
#2	.0003813	1092.848	15.95306	-.001634	.1526404	.0038701
#3	.0006839	1087.430	15.86911	-.002863	.1516988	.0023931

Elem	Sr4077
Units	ppm
Avg	.7798576
Stddev	.0008795
%RSD	.1127725

#1	.7801438
#2	.7788706
#3	.7805583

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.274	4050.603	71790.37	17441.26	4286.946
Stddev	15.066	8.716	172.28	44.40	3.707
%RSD	.4678475	.2151657	.2399794	.2545662	.0864816

#1	3234.824	4045.269	71597.17	17405.40	4282.741
#2	3204.740	4060.660	71845.88	17427.45	4288.357
#3	3221.257	4045.879	71928.04	17490.92	4289.742

Sample Name: K2940-08 Acquired: 05/31/2019 17:27:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.656116	.0122694	.0223344	-.020968	.0025396	14.23005
Stddev	.004161	.0003195	.0019606	.000915	.0011311	.05132
%RSD	.2512504	2.603716	8.778279	4.361946	44.53850	.3606652

#1	1.660632	.0124666	.0223296	-.020312	.0012343	14.23106
#2	1.652436	.0124408	.0242974	-.022013	.0032327	14.28086
#3	1.655281	.0119008	.0203763	-.020580	.0031517	14.17823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722989	.0038542	.0095498	79.53507	-.020534	.0928548
Stddev	.0004365	.0001169	.0000574	.15005	.000369	.0001191
%RSD	.6037873	3.033598	.6006172	.1886541	1.798162	.1282742

#1	.0726732	.0039529	.0095294	79.36712	-.020913	.0927199
#2	.0718194	.0037250	.0095054	79.65590	-.020516	.0928988
#3	.0724041	.0038846	.0096146	79.58220	-.020175	.0929456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3677037	112.7252	F 70.75713	2.253205	.0597742	.0123167
Stddev	.0008848	.1894	.36723	.014992	.0006058	.0004268
%RSD	.2406261	.1679792	.5190031	.6653593	1.013440	3.465389

#1	.3676276	112.7828	70.60559	2.248763	.0599843	.0124381
#2	.3668594	112.8791	71.17588	2.269916	.0602470	.0118423
#3	.3686241	112.5138	70.48992	2.240936	.0590914	.0126696

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.948720	.1808779	1.984895	6.266156	16.59762	.4816357
Stddev	.141493	.0013321	.000902	.008908	.06009	.0020605
%RSD	2.378541	.7364578	.0454591	.1421673	.3620647	.4278042

#1	5.987582	.1794146	1.985306	6.255931	16.63498	.4834610
#2	5.791857	.1820201	1.985518	6.272240	16.52830	.4794014
#3	6.066720	.1811990	1.983860	6.270297	16.62958	.4820447

Sample Name: K2940-08 Acquired: 05/31/2019 17:27:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	1091.205	6.495702	-.002926	.0026738	.0010026
Stddev	.000225	3.622	.018591	.001126	.0000756	.0013285
%RSD	177.8448	.3319659	.2861994	38.49640	2.827735	132.5071

#1	.000043	1091.371	6.488876	-.002070	.0027591	.0020024
#2	-.000382	1087.502	6.481490	-.004202	.0026150	-.000505
#3	-.000041	1094.741	6.516741	-.002505	.0026474	.001510

Elem	Sr4077
Units	ppm
Avg	.1456527
Stddev	.0002826
%RSD	.1940456

#1	.1455330
#2	.1459755
#3	.1454496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.904	3850.491	68314.84	16653.48	4243.860
Stddev	9.232	18.659	105.21	25.01	17.026
%RSD	.3030896	.4845766	.1540019	.1501979	.4011935

#1	3035.244	3853.957	68342.50	16630.84	4243.398
#2	3051.184	3867.173	68403.45	16680.33	4261.112
#3	3051.284	3830.342	68198.57	16649.26	4227.069

Sample Name: K2940-09 Acquired: 05/31/2019 17:31:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092328	.0035476	.0448149	-.010880	.0008794	7.123630
Stddev	.003561	.0017236	.0015450	.003103	.0009338	.033731
%RSD	.3259745	48.58537	3.447572	28.51778	106.1856	.4735127

#1	1.096238	.0026077	.0441568	-.009210	.0001318	7.162029
#2	1.089273	.0024983	.0465800	-.008970	.0005803	7.098780
#3	1.091472	.0055369	.0437078	-.014460	.0019262	7.110081

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621882	.0001271	.0098801	9.715177	.0025716	.0070216
Stddev	.0004580	.0000353	.0000447	.136348	.0002617	.0001734
%RSD	.7365270	27.78210	.4526073	1.403458	10.17509	2.469971

#1	.0616759	.0000877	.0099030	9.866808	.0022699	.0070252
#2	.0623307	.0001379	.0099087	9.602661	.0027363	.0071932
#3	.0625581	.0001558	.0098286	9.676061	.0027086	.0068464

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2194847	42.01479	F 32.12242	.5390297	.0040453	.0133023
Stddev	.0010871	.37173	.37921	.0246438	.0004897	.0003016
%RSD	.4952745	.8847536	1.180509	4.571881	12.10574	2.267472

#1	.2196560	42.38496	32.52573	.5674701	.0038667	.0135828
#2	.2204760	41.64152	31.77311	.5239886	.0045993	.0133408
#3	.2183222	42.01790	32.06841	.5256303	.0036700	.0129832

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.138412	.0300332	1.648936	5.809548	3.770528	.4229988
Stddev	.162471	.0006728	.011183	.035480	.012403	.0061310
%RSD	3.161895	2.240100	.6782091	.6107172	.3289519	1.449402

#1	5.213165	.0307669	1.643097	5.830926	3.783296	.4298221
#2	5.250051	.0294451	1.641881	5.768593	3.769762	.4212215
#3	4.952019	.0298877	1.661831	5.829126	3.758525	.4179529

Sample Name: K2940-09 Acquired: 05/31/2019 17:31:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003859	1060.011	3.997995	-.000473	.0094363	-.001456
Stddev	.0000887	4.487	.052347	.000911	.0010038	.001118
%RSD	22.99812	.4232538	1.309331	192.3935	10.63771	76.77094
#1	.0004079	1063.000	4.052843	.000080	.0101290	-.000749
#2	.0002882	1062.180	3.992571	-.001524	.0082851	-.000875
#3	.0004615	1054.852	3.948572	.000025	.0098949	-.002745

Elem	Sr4077
Units	ppm
Avg	3.344013
Stddev	.036165
%RSD	1.081497
#1	3.373998
#2	3.354193
#3	3.303849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.233	3553.804	62805.83	15175.70	4291.360
Stddev	11.911	4.763	80.30	158.74	11.358
%RSD	.4237014	.1340147	.1278476	1.046033	.2646716
#1	2818.007	3555.869	62796.15	15002.97	4289.305
#2	2818.211	3557.186	62730.80	15208.93	4281.170
#3	2797.479	3548.357	62890.52	15315.19	4303.605

Sample Name: K2940-12 Acquired: 05/31/2019 17:43:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2679629	.0042524	.1889422	-.005521	-.002262	14.30809	.0729420
Stddev	.0032824	.0009312	.0027203	.000766	.000709	.09517	.0005743
%RSD	1.224952	21.89731	1.439767	13.88031	31.36115	.6651194	.7874037

#1	.2648103	.0033567	.1858022	-.006155	-.002939	14.31516	.0725597
#2	.2713613	.0041850	.1905861	-.004669	-.002323	14.20959	.0726638
#3	.2677172	.0052154	.1904383	-.005737	-.001524	14.39953	.0736025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168814	.0150749	204.4237	.0008795	.0491623	.7879165	13.21521
Stddev	.0000613	.0000766	2.3231	.0002839	.0008637	.0072633	.12483
%RSD	.3630831	.5078391	1.136397	32.28412	1.756760	.9218401	.9446182

#1	.0168244	.0151346	204.8361	.0005516	.0482110	.7832497	13.23808
#2	.0169462	.0151015	201.9221	.0010392	.0498970	.7842149	13.08052
#3	.0168737	.0149886	206.5130	.0010475	.0493789	.7962849	13.32702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.148305	15.47247	.0593905	-.008340	4.039806	.2598326	.8323043
Stddev	.045610	.18771	.0004129	.000286	.020746	.0027303	.0115927
%RSD	1.099487	1.213198	.6952994	3.431068	.5135330	1.050807	1.392848

#1	4.157821	15.55477	.0598315	-.008325	4.053409	.2613140	.8363756
#2	4.098688	15.25767	.0593270	-.008633	4.050081	.2566817	.8192251
#3	4.188406	15.60498	.0590130	-.008062	4.015928	.2615019	.8413122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.873749	5.651911	.3307245	-.000185	1057.677	30.78355	-.004424
Stddev	.100449	.067571	.0032954	.000304	13.076	.23776	.000747
%RSD	1.131975	1.195535	.9964262	164.5717	1.236269	.7723719	16.89083

#1	8.840243	5.627561	.3274425	-.000050	1051.087	30.54739	-.004413
#2	8.794336	5.728281	.3306979	-.000533	1072.737	30.78037	-.005177
#3	8.986668	5.599890	.3340332	.000029	1049.208	31.02288	-.003683

Sample Name: K2940-12 Acquired: 05/31/2019 17:43:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0248720	.0262004	.5306034
Stddev	.0005847	.0010806	.0033611
%RSD	2.350871	4.124351	.6334438

#1	.0255234	.0274134	.5296058
#2	.0247001	.0258471	.5278540
#3	.0243925	.0253407	.5343503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.575	4262.380	78324.71	18948.06	4257.400
Stddev	38.162	69.920	642.00	127.66	71.238
%RSD	1.109487	1.640388	.8196600	.6737265	1.673284

#1	3422.258	4299.237	77790.65	18931.97	4298.770
#2	3483.325	4181.743	79036.99	19083.00	4175.142
#3	3413.142	4306.160	78146.50	18829.21	4298.288

Sample Name: PB120053BL Acquired: 05/31/2019 17:59:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW053 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002162	-.000329	-.001751	.0006912	-.000157	-.002431
Stddev	.001069	.000269	.001195	.0028621	.001052	.005867
%RSD	49.44005	81.99316	68.26266	414.0524	669.5778	241.3207

#1	-.000961	-.000018	-.001325	-.002614	-.000238	-.007359
#2	-.002517	-.000501	-.003100	.002366	.000933	.004058
#3	-.003009	-.000467	-.000826	.002322	-.001166	-.003993

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006053	-.000002	.0000463	-.003947	.0000441	-.000164
Stddev	.0003686	.000034	.0000898	.001493	.0001191	.000068
%RSD	60.88889	1501.410	194.1978	37.83326	269.9597	41.83916

#1	.0006139	.000027	.0001140	-.005652	.0001812	-.000085
#2	.0009696	.000006	.0000804	-.002873	-.000014	-.000205
#3	.0002326	-.000040	-.000056	-.003316	-.000034	-.000201

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000322	.0004136	.0005354	.0120949	-.000728	-.000048
Stddev	.003169	.0052738	.0002955	.0204034	.000533	.000325
%RSD	984.2135	1275.229	55.19600	168.6935	73.19330	673.9121

#1	.003302	.0055326	.0006069	.0108499	-.000211	.000202
#2	-.001700	.0007106	.0007886	-.007657	-.000696	-.000416
#3	-.002568	-.005003	.0002107	.033092	-.001275	.000069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.141584	.0002231	-.000922	-.025221	.0003409	-.005252
Stddev	.335682	.0016846	.001303	.037743	.0021114	.000944
%RSD	237.0896	755.0812	141.2942	149.6530	619.4648	17.96943

#1	-.157644	-.001553	.000085	.012048	-.001606	-.005506
#2	.201839	.000423	-.000458	-.024289	.002585	-.006042
#3	-.468948	.001799	-.002393	-.063421	.000044	-.004207

Sample Name: PB120053BL Acquired: 05/31/2019 17:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	F .2819259	.0003618	.0000041	.0004045	.0003944
Stddev	.000387	.0159400	.0012064	.0018827	.0006777	.0009468
%RSD	156.5858	5.653964	333.4018	46303.64	167.5572	240.0732
#1	-.000235	.2985668	.0007501	.0015433	.0010040	-.000556
#2	-.000640	.2804170	-.000991	.0005640	.0005403	.001338
#3	.000134	.2667941	.001326	-.002095	-.000331	.000401

Elem	Sr4077
Units	ppm
Avg	.0000186
Stddev	.0000667
%RSD	358.4094
#1	-.000054
#2	.000031
#3	.000078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.840	3093.546	54481.11	13175.33	3832.709
Stddev	11.329	2.716	166.95	94.85	8.344
%RSD	.4635859	.0878003	.3064417	.7199006	.2177105
#1	2432.039	3092.404	54387.62	13165.38	3831.652
#2	2444.852	3096.647	54381.84	13274.77	3841.531
#3	2454.629	3091.588	54673.86	13085.85	3824.943

Sample Name: PB120053TB Acquired: 05/31/2019 18:03:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB053 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001421	-.001125	-.001151	.0022391	.0003647	.0034821
Stddev	.002057	.000815	.001699	.0005408	.0006500	.0076295
%RSD	144.7838	72.40987	147.6781	24.15009	178.1996	219.1069

#1	-.000793	-.002065	.000806	.0027923	.0010222	.0078094
#2	.000249	-.000695	-.001998	.0017117	-.000277	-.005327
#3	-.003718	-.000616	-.002259	.0022133	.000349	.007964

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000307	.0000022	-.000074	-.004753	-.000271	-.000025
Stddev	.0008517	.0000087	.000048	.004658	.000339	.000313
%RSD	2778.617	391.3289	65.01978	98.00123	125.2499	1252.399

#1	.0001575	-.000006	-.000114	-.008311	.000121	.000334
#2	-.000877	.000001	-.000021	-.006468	-.000454	-.000171
#3	.000812	.000012	-.000086	.000519	-.000479	-.000238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002682	-.000429	.0000106	.0048323	-.000384	-.000208
Stddev	.001131	.012849	.0002655	.0113718	.000237	.000677
%RSD	42.15200	2994.033	2501.229	235.3291	61.81116	325.2387

#1	-.002946	-.014014	-.000263	.0160800	-.000557	-.000989
#2	-.001443	.011530	.000267	.0050764	-.000113	.000209
#3	-.003657	.001196	.000029	-.006660	-.000482	.000156

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.405751	-.001743	-.001996	-.050329	-.001101	-.006441
Stddev	.032712	.001718	.001513	.060062	.001080	.000631
%RSD	8.062013	98.57241	75.79863	119.3385	98.09130	9.791205

#1	-.368020	-.000519	-.001498	-.071284	-.001914	-.006878
#2	-.426147	-.003707	-.003696	-.097106	-.001512	-.005718
#3	-.423086	-.001003	-.000795	.017403	.000124	-.006726

Sample Name: PB120053TB Acquired: 05/31/2019 18:03:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB053 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	F .1863818	-.000282	-.001406	.0002359	-.000395
Stddev	.000178	.0098286	.000505	.000732	.0007145	.000770
%RSD	55.57988	5.273376	179.1642	52.06805	302.8201	195.1468
#1	-.000116	.1976239	-.000775	-.002154	-.000089	.000253
#2	-.000442	.1821073	-.000303	-.000690	-.000258	-.001246
#3	-.000404	.1794143	.000233	-.001375	.001055	-.000191

Elem	Sr4077
Units	ppm
Avg	.0000644
Stddev	.0000538
%RSD	83.59485
#1	.0000051
#2	.0000778
#3	.0001101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.700	3090.508	54409.36	13182.38	3817.645
Stddev	7.711	7.562	334.56	14.98	6.503
%RSD	.3141192	.2446949	.6148917	.1136127	.1703506
#1	2447.760	3084.282	54061.51	13184.82	3814.128
#2	2463.001	3098.923	54728.82	13195.98	3825.150
#3	2453.340	3088.318	54437.74	13166.33	3813.658

Sample Name: PB120164TB Acquired: 05/31/2019 18:15:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB164 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000679	.0012161	-.001302	.0011938	.0000451	-.000247	.0013014
Stddev	.0020774	.0002815	.001077	.0028316	.0020616	.009741	.0003803
%RSD	3057.853	23.14844	82.68309	237.1959	4573.471	3942.784	29.22050

#1	-.001816	.0013999	-.000129	-.002075	.0004992	.003060	.0017404
#2	-.000276	.0008920	-.001532	.002890	-.002206	.007410	.0010734
#3	.002296	.0013565	-.002246	.002766	.001842	-.011211	.0010904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000126	-.000174	-.004953	.0001868	.0000575	-.001467	.0049711
Stddev	.0000811	.000038	.007198	.0002131	.0003011	.001414	.0051576
%RSD	643.9984	21.65627	145.3160	114.0861	523.4391	96.40714	103.7514

#1	-.000063	-.000169	-.000308	-.000034	.0000324	-.002936	-.000406
#2	.000003	-.000213	-.013244	.000392	-.000230	-.000114	.005442
#3	.000098	-.000138	-.001307	.000202	.000370	-.001351	.009877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	-.003072	-.000712	-.000077	-.243226	-.001506	-.000924
Stddev	.0002320	.019469	.000176	.000668	.161159	.000733	.000992
%RSD	236.3371	633.7002	24.73078	870.0189	66.25877	48.68885	107.3361

#1	.0000752	.001973	-.000882	.000442	-.211479	-.000877	.000207
#2	.0003408	-.024567	-.000530	-.000831	-.417896	-.001329	-.001333
#3	-.000121	.013377	-.000724	.000158	-.100304	-.002311	-.001647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027856	-.001527	-.006939	-.000123	.0744728	-.000712	-.000306
Stddev	.088988	.001652	.000602	.000446	.0010147	.001231	.001527
%RSD	319.4522	108.1959	8.669217	363.0697	1.362454	172.8457	498.3083

#1	-.059881	-.001752	-.006306	-.000182	.0751977	-.001767	-.001683
#2	-.096400	-.003054	-.007504	-.000536	.0749075	-.001010	-.000573
#3	.072711	.000226	-.007007	.000350	.0733132	.000640	.001336

Sample Name: PB120164TB Acquired: 05/31/2019 18:15:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB164 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004131	.0000038	.0000065
Stddev	.0003360	.0014204	.0000848
%RSD	81.34690	37077.98	1302.021

#1	.0007977	-.001073	.0000900
#2	.0002651	.001614	-.000080
#3	.0001764	-.000530	.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.329	3095.668	54262.92	13178.11	3812.886
Stddev	8.863	2.004	273.13	36.17	5.965
%RSD	.3652875	.0647384	.5033454	.2744755	.1564348

#1	2418.066	3096.577	54098.78	13155.16	3807.352
#2	2435.690	3097.057	54578.21	13219.80	3819.204
#3	2425.230	3093.371	54111.77	13159.36	3812.102

Sample Name: PB120053BS Acquired: 05/31/2019 18:20:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS053 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190436	.0520973	.0207385	.0793041	.1331277	.4098823
Stddev	.0006335	.0025651	.0004377	.0014220	.0012074	.0048395
%RSD	3.326478	4.923605	2.110477	1.793105	.9069630	1.180694

#1	.0183297	.0508501	.0203308	.0802179	.1318981	.4082337
#2	.0195384	.0550474	.0212010	.0800287	.1343116	.4153307
#3	.0192628	.0503943	.0206836	.0776657	.1331735	.4060826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4279330	.0110971	.0115654	11.21348	.0228759	.1073260
Stddev	.0029300	.0001313	.0001084	.07238	.0003520	.0001185
%RSD	.6846828	1.183042	.9372635	.6454417	1.538578	.1104458

#1	.4291737	.0112483	.0115783	11.22870	.0225360	.1073398
#2	.4300386	.0110299	.0114511	11.27703	.0228530	.1074369
#3	.4245868	.0110130	.0116668	11.13470	.0232388	.1072011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435794	.2206597	.0385342	10.84862	.0903202	.0219864
Stddev	.0025850	.0022698	.0006402	.07439	.0004362	.0005737
%RSD	5.931618	1.028666	1.661324	.6856734	.4829864	2.609239

#1	.0442620	.2229939	.0385565	10.85265	.0907740	.0221319
#2	.0457545	.2184602	.0391629	10.92090	.0902827	.0213540
#3	.0407216	.2205252	.0378831	10.77229	.0899039	.0224733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52343	.1065696	.1250384	9.929971	.0210985	F .0166659
Stddev	.17713	.0014113	.0004443	.069095	.0021348	.0007263
%RSD	1.683242	1.324313	.3553537	.6958178	10.11813	4.358322

#1	10.36714	.1063839	.1252104	9.937393	.0235276	.0166271
#2	10.71584	.1052603	.1245338	9.995054	.0195208	.0174109
#3	10.48730	.1080646	.1253711	9.857465	.0202471	.0159597

Sample Name: PB120053BS Acquired: 05/31/2019 18:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225165	.2538729	.2251965	.0154165	.2313115	F .1017734
Stddev	.0003763	.0049777	.0021107	.0011024	.0025049	.0015510
%RSD	1.671083	1.960694	.9372742	7.150649	1.082915	1.523981

#1	.0223596	.2565643	.2243091	.0142109	.2299622	.1005513
#2	.0222441	.2569255	.2276060	.0156655	.2342018	.1035183
#3	.0229458	.2481290	.2236744	.0163731	.2297706	.1012507

Elem	Sr4077
Units	ppm
Avg	.2182769
Stddev	.0007341
%RSD	.3363285

#1	.2189158
#2	.2184400
#3	.2174749

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.229	3086.431	54225.42	13193.34	3902.655
Stddev	7.458	6.021	252.30	88.27	6.841
%RSD	.3056305	.1950781	.4652829	.6690333	.1752964

#1	2447.017	3079.776	54385.33	13176.31	3895.977
#2	2432.245	3088.015	53934.57	13114.82	3902.340
#3	2441.424	3091.501	54356.36	13288.88	3909.649

Sample Name: K2940-13 Acquired: 05/31/2019 17:47:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.900909	.0063596	.0329452	-.016204	.0042765	15.53582
Stddev	.021887	.0004226	.0006819	.000443	.0007560	.06616
%RSD	1.151376	6.644594	2.069764	2.732029	17.67737	.4258631

#1	1.914575	.0068292	.0325706	-.015711	.0034346	15.51111
#2	1.912488	.0060100	.0325327	-.016331	.0048973	15.48557
#3	1.875666	.0062396	.0337323	-.016569	.0044976	15.61078

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694869	.0044173	.0030404	388.2963	-.008246	.0159902
Stddev	.0007510	.0000967	.0001159	2.4032	.000296	.0003149
%RSD	1.080712	2.189932	3.812113	.6189000	3.594137	1.969434

#1	.0686495	.0044272	.0031571	386.5217	-.008060	.0163470
#2	.0697108	.0045087	.0029253	387.3361	-.008090	.0157513
#3	.0701005	.0043160	.0030389	391.0311	-.008588	.0158721

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1950651	49.50950	F 43.90480	2.193523	.0142887	.0073974
Stddev	.0011812	.21102	.28093	.015962	.0007214	.0007035
%RSD	.6055465	.4262192	.6398603	.7277047	5.048674	9.510393

#1	.1955113	49.40005	43.70680	2.187551	.0136670	.0081864
#2	.1937257	49.37568	43.78127	2.211610	.0141194	.0068352
#3	.1959581	49.75275	44.22633	2.181408	.0150797	.0071707

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.004353	.0754949	2.542416	5.865050	4.128314	.6223933
Stddev	.163327	.0021283	.059698	.059115	.051756	.0025534
%RSD	2.331795	2.819074	2.348099	1.007920	1.253678	.4102580

#1	6.942067	.0771075	2.517322	5.933003	4.170144	.6224767
#2	7.189659	.0730826	2.499362	5.825468	4.144364	.6249041
#3	6.881334	.0762945	2.610566	5.836680	4.070435	.6197993

Sample Name: K2940-13 Acquired: 05/31/2019 17:47:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016997	1155.787	7.426646	-.006287	.0019117	.0113380
Stddev	.0002448	19.078	.029861	.001249	.0008322	.0010730
%RSD	14.40383	1.650607	.4020857	19.86716	43.53492	9.463947
#1	.0019455	1173.406	7.450940	-.005852	.0028711	.0122054
#2	.0014559	1158.429	7.435691	-.005313	.0013848	.0116705
#3	.0016977	1135.526	7.393308	-.007695	.0014791	.0101381

Elem	Sr4077
Units	ppm
Avg	.0334327
Stddev	.0001009
%RSD	.3019023
#1	.0335489
#2	.0333832
#3	.0333661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.380	3397.951	61334.58	15155.66	4118.399
Stddev	89.865	67.055	1560.35	226.35	82.829
%RSD	3.331575	1.973408	2.544003	1.493533	2.011195
#1	2749.178	3363.320	62043.69	15343.75	4063.080
#2	2749.351	3355.293	62414.44	15218.78	4078.489
#3	2593.613	3475.241	59545.60	14904.44	4213.627

Sample Name: PB120164BL Acquired: 05/31/2019 18:11:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW164 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003836	-.000663	-.002012	.0007529	-.000088	-.000026
Stddev	.000258	.000818	.001798	.0002653	.001584	.012708
%RSD	6.715900	123.4279	89.36766	35.24359	1793.629	48500.07

#1	-.003602	.000268	-.003902	.0008373	.001618	-.002762
#2	-.004112	-.001267	-.001811	.0009657	-.000369	-.011143
#3	-.003793	-.000989	-.000323	.0004556	-.001513	.013827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018653	.0000218	-.000076	-.010780	-.000282	-.000060
Stddev	.0005751	.0000309	.000025	.001305	.000127	.000246
%RSD	30.83257	142.0285	32.15442	12.10416	45.02056	406.7524

#1	.0017396	.0000112	-.000087	-.012236	-.000148	.000125
#2	.0013633	-.000003	-.000048	-.010387	-.000298	.000032
#3	.0024928	.000057	-.000093	-.009716	-.000401	-.000339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003523	-.002992	-.000024	-.001653	-.000570	.0001671
Stddev	.001708	.003315	.000224	.013037	.000678	.0006606
%RSD	48.48648	110.8192	916.0661	788.8465	118.9373	395.4370

#1	-.001596	-.005076	-.000276	-.012199	.000212	-.000540
#2	-.004851	-.004730	.000049	.012923	-.000938	.000274
#3	-.004121	.000831	.000153	-.005683	-.000986	.000768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.362863	-.000837	-.001664	.0202467	.0007253	-.007245
Stddev	.107326	.001785	.000774	.1009343	.0014323	.000657
%RSD	29.57745	213.3730	46.50996	498.5214	197.4689	9.070422

#1	-.256166	-.002146	-.000770	.0698303	-.000176	-.006490
#2	-.470807	.001197	-.002112	.0867995	-.000025	-.007554
#3	-.361617	-.001560	-.002110	-.095890	.002377	-.007691

Sample Name: PB120164BL Acquired: 05/31/2019 18:11:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW164 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	F .1018347	-.001008	-.001084	.0000888	-.000853
Stddev	.000110	.0062273	.000379	.000304	.0010612	.000920
%RSD	170.5213	6.115148	37.60741	28.04121	1195.650	107.8576

#1	-.000124	.1090004	-.001445	-.000926	.0009351	-.000837
#2	.000062	.0977326	-.000783	-.000892	-.001102	.000059
#3	-.000131	.0987711	-.000795	-.001434	.000433	-.001780

Elem	Sr4077
Units	ppm
Avg	-.000039
Stddev	.000042
%RSD	108.7845

#1	.000004
#2	-.000081
#3	-.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.441	3089.593	54260.21	13199.62	3816.372
Stddev	3.706	7.003	210.54	20.24	1.920
%RSD	.1519204	.2266644	.3880266	.1533185	.0502974

#1	2442.028	3088.778	54350.60	13179.46	3817.011
#2	2441.100	3096.967	54019.56	13199.45	3817.891
#3	2435.195	3083.032	54410.45	13219.94	3814.215

Sample Name: K2940-16 Acquired: 05/31/2019 18:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1836324	k 3.516519	3.400187	k .5591143	k -.010856	k 9.230954	.0164874
Stddev	.0034048	.024509	.014225	.0027438	.000573	.021590	.0003425
%RSD	1.854145	.6969789	.4183672	.4907459	5.275707	.2338907	2.077511

#1	k .1823538	k 3.488392	3.413588	k .5612727	k -.010263	k 9.218937	.0166521
#2	k .1874915	k 3.527865	3.385261	k .5600439	k -.011406	k 9.218046	.0160937
#3	k .1810520	k 3.533299	3.401712	k .5560265	k -.010900	k 9.255879	.0167165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059155	k .1735006	k 48.78384	k .2243452	.0274603	k 1.562632	k 123.2667
Stddev	.000381	.0003827	.15515	.0016763	.0004408	.000488	.3231
%RSD	.6443370	.2205513	.3180337	.7471942	1.605064	.0312533	.2620833

#1	-.059541	k .1732268	k 48.86348	k .2227201	.0278543	k 1.562655	k 123.3962
#2	-.058779	k .1733372	k 48.60505	k .2260683	.0269843	k 1.562132	k 122.8990
#3	-.059145	k .1739378	k 48.88300	k .2242471	.0275424	k 1.563108	k 123.5050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	21.14233	.0367109	k .4952369	k 4.346023	^ *****	k 29.96625
Stddev	-----	.11666	.0010443	.0035143	.072684	-----	.02895
%RSD	-----	.5518028	2.844617	.7096198	1.672421	-----	.0966172

#1	^ -----	21.08656	.0356340	k .4931865	k 4.297587	^ -----	k 29.98713
#2	^ -----	21.06401	.0367795	k .4992948	k 4.429599	^ -----	k 29.97842
#3	^ -----	21.27641	.0377192	k .4932295	k 4.310883	^ -----	k 29.93320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.747091	k -1.23616	k -.035233	-.047111	k 1351.302	19.23625	-.012780
Stddev	.029067	.00164	.003089	.000316	4.993	.01895	.001060
%RSD	.5057745	.1329224	8.767531	.6711370	.3694615	.0985254	8.294145

#1	5.717854	k -1.23765	k -.033069	-.047476	k 1347.370	19.25569	-.011653
#2	5.747434	k -1.23439	k -.038771	-.046932	k 1349.615	19.21782	-.012933
#3	5.775985	k -1.23642	k -.033859	-.046926	k 1356.919	19.23525	-.013756

Sample Name: K2940-16 Acquired: 05/31/2019 18:28:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0040014	.0057136	.0862219
Stddev	.0006385	.0004338	.0001700
%RSD	15.95611	7.592214	.1971903

#1	.0047132	.0052971	.0861955
#2	.0038120	.0056808	.0864035
#3	.0034791	.0061629	.0860666

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4858.842	5997.834	104967.2	25409.39	3692.367
Stddev	14.329	4.365	535.8	69.48	5.366
%RSD	.2949033	.0727825	.5104927	.2734230	.1453260

#1	4875.175	5997.703	105559.0	25466.14	3694.906
#2	4848.385	5993.536	104515.0	25430.13	3695.992
#3	4852.966	6002.264	104827.5	25331.91	3686.203

Sample Name: K2940-17 Acquired: 05/31/2019 18:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.705228	.0053627	1.350658	-.010146	.0016093	37.45707	.0551507
Stddev	.007481	.0010104	.004783	.000411	.0003820	.11551	.0007124
%RSD	.4387171	18.84151	.3541427	4.055516	23.73843	.3083740	1.291654

#1	1.706816	.0061182	1.349420	-.010376	.0016952	37.59009	.0559437
#2	1.697081	.0042150	1.346616	-.010392	.0019410	37.39901	.0545649
#3	1.711788	.0057549	1.355939	-.009671	.0011916	37.38211	.0549436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134738	.0456749	59.48641	.0063162	.0530639	2.577165	31.11229
Stddev	.0000820	.0001039	.31785	.0004820	.0004538	.004293	.21893
%RSD	.6088636	.2275443	.5343196	7.630963	.8551576	.1665834	.7036898

#1	.0135678	.0457151	59.81837	.0059970	.0534373	2.581915	31.36506
#2	.0134365	.0455569	59.18486	.0060809	.0531956	2.576018	30.98908
#3	.0134170	.0457528	59.45600	.0068706	.0525589	2.573562	30.98272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.81716	9.467285	.0237892	-.002770	3.962948	.1324717	1.548413
Stddev	.07270	.044217	.0004550	.000250	.162284	.0012927	.003451
%RSD	.6152234	.4670497	1.912710	9.041768	4.095038	.9758294	.2228608

#1	11.90097	9.517388	.0241144	-.002807	4.070099	.1333103	1.551713
#2	11.77109	9.450745	.0232692	-.003000	3.776236	.1309830	1.544829
#3	11.77940	9.433723	.0239840	-.002503	4.042508	.1331219	1.548697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.946560	13.56570	.3025593	.0015574	1132.215	27.76399	-.003503
Stddev	.063881	.03941	.0024632	.0001820	2.899	.25161	.001768
%RSD	.6422464	.2905184	.8141086	11.68433	.2560786	.9062327	50.48129

#1	9.935063	13.55069	.3051608	.0017659	1134.792	28.05034	-.003039
#2	9.889208	13.53601	.3022542	.0014305	1129.075	27.57832	-.005457
#3	10.01541	13.61041	.3002629	.0014757	1132.776	27.66329	-.002013

Sample Name: K2940-17 Acquired: 05/31/2019 18:32:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1677388	.0077811	.3387313
Stddev	.0010424	.0014937	.0010717
%RSD	.6214615	19.19598	.3163738

#1	.1689396	.0061842	.3399365
#2	.1670666	.0091439	.3383721
#3	.1672101	.0080153	.3378855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.014	4752.905	84121.91	20469.70	4455.832
Stddev	4.418	13.307	88.60	106.41	10.088
%RSD	.1184183	.2799858	.1053178	.5198333	.2263896

#1	3730.028	4738.571	84215.90	20352.22	4444.992
#2	3735.843	4764.867	84039.93	20559.62	4464.944
#3	3727.173	4755.276	84109.92	20497.25	4457.559

Sample Name: CCB056 Acquired: 05/31/2019 18:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	-.000085	-.000060	.0008766	-.001149	.0033660
Stddev	.002013	.002281	.000799	.0012710	.000421	.0070223
%RSD	1439.463	2688.122	1339.341	144.9975	36.61720	208.6268

#1	-.001112	-.002625	.000692	-.000211	-.001319	.0104994
#2	-.001481	.001789	.000027	.002274	-.001458	.0031381
#3	.002174	.000582	-.000898	.000567	-.000670	-.003540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	.0000438	.0001397	-.002447	-.000440	-.000101
Stddev	.000833	.0000116	.0000190	.009067	.000204	.000123
%RSD	812.8129	26.53028	13.59403	370.5776	46.40688	121.9920

#1	-.000419	.0000305	.0001589	.004126	-.000441	-.000216
#2	-.000731	.0000519	.0001209	.001325	-.000235	.000029
#3	.000842	.0000490	.0001393	-.012791	-.000643	-.000116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001180	.0152830	.0013245	.0232262	-.000310	-.000055
Stddev	.000420	.0088043	.0001699	.0223743	.000355	.000387
%RSD	35.53998	57.60843	12.82371	96.33204	114.5005	704.6642

#1	-.001242	.0054109	.0014108	.0486124	.000089	-.000502
#2	-.000733	.0223217	.0011288	.0063783	-.000591	.000186
#3	-.001566	.0181163	.0014339	.0146879	-.000429	.000151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140889	-.000286	-.000237	.1206478	.0001554	.0051154
Stddev	.1122460	.001097	.002457	.0231564	.0010488	.0011560
%RSD	796.6955	383.8553	1036.271	19.19341	675.0780	22.59797

#1	.1376632	-.001319	.000136	.1289142	.0004922	.0057629
#2	-.013842	.000866	.002012	.0944926	-.001020	.0037808
#3	-.081554	-.000404	-.002860	.1385367	.000994	.0058025

Sample Name: CCB056 Acquired: 05/31/2019 18:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000991	F .1121919	.0004276	.0009119	.0003109	.0050063
Stddev	.0003819	.0118418	.0001038	.0014309	.0003721	.0001824
%RSD	385.4961	10.55491	24.27700	156.9098	119.6696	3.642738

#1	.0002434	.1227912	.0005434	.0018897	-.000044	.0050383
#2	-.000334	.1143735	.0003428	.0015764	.000698	.0051705
#3	.000388	.0994110	.0003967	-.000730	.000278	.0048100

Elem	Sr4077
Units	ppm
Avg	.0001031
Stddev	.0000298
%RSD	28.88050

#1	.0000883
#2	.0000836
#3	.0001373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.906	3114.897	54926.71	13395.69	3838.189
Stddev	13.085	3.345	137.17	91.33	2.269
%RSD	.5310488	.1073754	.2497361	.6817593	.0591111

#1	2476.455	3114.551	54797.17	13306.07	3836.602
#2	2450.344	3118.401	54912.55	13488.63	3837.178
#3	2464.919	3111.738	55070.41	13392.35	3840.788

Sample Name: K2940-20 Acquired: 05/31/2019 18:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.069465	.0078614	1.306147	-.006367	.0086159	43.38712	.0806784
Stddev	.007887	.0003452	.008365	.001250	.0015330	.03918	.0005411
%RSD	.3810916	4.391274	.6404618	19.62630	17.79283	.0902933	.6707182

#1	2.060363	.0079869	1.306207	-.005610	.0097195	43.34688	.0802415
#2	2.073771	.0074710	1.314482	-.005681	.0092627	43.38934	.0805100
#3	2.074262	.0081263	1.297751	-.007809	.0068655	43.42514	.0812837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141951	.0341069	107.9509	.0303845	.0235718	3.277280	36.62905
Stddev	.0001324	.0002696	.5072	.0005184	.0003729	.003317	.07255
%RSD	.9326100	.7903263	.4698129	1.706075	1.582048	.1011980	.1980759

#1	.0143067	.0339327	108.4208	.0306500	.0232021	3.276689	36.68596
#2	.0140489	.0344174	107.4133	.0297872	.0239479	3.280852	36.54735
#3	.0142299	.0339707	108.0188	.0307164	.0235654	3.274299	36.65383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.216751	20.23324	.0306126	-.001381	2.554922	.0857718	1.468430
Stddev	.026832	.02696	.0006083	.000059	.060642	.0009077	.010848
%RSD	.5143487	.1332329	1.987003	4.299536	2.373537	1.058325	.7387239

#1	5.225471	20.20244	.0300900	-.001446	2.488082	.0847237	1.463587
#2	5.186643	20.25254	.0312803	-.001366	2.606419	.0862837	1.480856
#3	5.238139	20.24473	.0304674	-.001330	2.570265	.0863081	1.460848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.98063	22.12997	.1249180	.0007267	1235.046	41.96192	-.003897
Stddev	.01945	.06106	.0003037	.0001133	1.796	.18594	.001170
%RSD	.0973506	.2758959	.2431148	15.58440	.1454428	.4431153	30.01770

#1	19.98390	22.06421	.1245747	.0008507	1233.028	42.06881	-.005108
#2	19.99823	22.18486	.1251514	.0006288	1235.640	41.74722	-.002774
#3	19.95975	22.14083	.1250280	.0007006	1236.470	42.06974	-.003809

Sample Name: K2940-20 Acquired: 05/31/2019 18:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3098297	.0154078	.7110324
Stddev	.0022679	.0006896	.0013598
%RSD	.7319955	4.475656	.1912493

#1	.3091780	.0149047	.7111920
#2	.3079589	.0151249	.7123054
#3	.3123521	.0161939	.7095998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.293	3785.085	68041.29	16679.65	4332.347
Stddev	7.104	11.225	303.58	110.11	9.183
%RSD	.2344285	.2965676	.4461725	.6601271	.2119695

#1	3023.986	3794.781	68087.47	16615.15	4340.505
#2	3028.904	3787.687	68319.14	16806.78	4334.135
#3	3037.988	3772.787	67717.27	16617.01	4322.401

Sample Name: K2940-22 Acquired: 05/31/2019 19:00:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035761	.0576917	1.280656	.0417811	.1000586	43.63604	1.845335
Stddev	.006845	.0009654	.011323	.0019890	.0012062	.06546	.003417
%RSD	.3362590	1.673466	.8841262	4.760621	1.205533	.1500029	.1851831

#1	2.028056	.0587086	1.268001	.0410928	.0998415	43.65722	1.849178
#2	2.038087	.0575787	1.284140	.0440229	.1013586	43.56261	1.842636
#3	2.041141	.0567877	1.289827	.0402277	.0989756	43.68828	1.844192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577734	.0846741	104.2579	.2000938	.5140641	3.357636	36.32220
Stddev	.0002670	.0005592	.4467	.0005653	.0044451	.002625	.15312
%RSD	.4621802	.6603507	.4284864	.2825277	.8646947	.0781924	.4215477

#1	.0580805	.0840504	104.5273	.2005833	.5092726	3.359010	36.39879
#2	.0576437	.0848412	103.7422	.2002230	.5148662	3.354608	36.14590
#3	.0575960	.0851306	104.5041	.1994751	.5180536	3.359288	36.42190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.480933	19.59996	.5276108	.0424164	2.406192	.5288001	1.836572
Stddev	.025183	.04893	.0033580	.0003254	.091693	.0015792	.006376
%RSD	.4594691	.2496437	.6364534	.7672459	3.810692	.2986343	.3471903

#1	5.500143	19.57690	.5238888	.0427240	2.479791	.5269863	1.843724
#2	5.452422	19.56682	.5285306	.0420756	2.435308	.5295445	1.834510
#3	5.490234	19.65616	.5304131	.0424496	2.303476	.5298694	1.831481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.36188	21.26908	.1213019	.0005441	1193.649	40.62938	-.004173
Stddev	.05820	.17056	.0009382	.0000898	10.129	.15754	.000447
%RSD	.3005878	.8019339	.7734229	16.51142	.8485390	.3877448	10.71736

#1	19.42733	21.07749	.1212385	.0006358	1182.125	40.77878	-.004595
#2	19.34233	21.32535	.1203971	.0005403	1197.682	40.64457	-.004221
#3	19.31597	21.40441	.1222702	.0004563	1201.139	40.46480	-.003704

Sample Name: K2940-22 Acquired: 05/31/2019 19:00:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3000870	.0157444	.6873763
Stddev	.0018475	.0011452	.0019721
%RSD	.6156455	7.273658	.2869027

#1	.2996434	.0147647	.6894482
#2	.2985017	.0154652	.6855221
#3	.3021159	.0170035	.6871586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.576	3865.117	70493.79	16948.71	4446.007
Stddev	15.754	24.425	589.95	98.90	37.561
%RSD	.5048282	.6319413	.8368871	.5835399	.8448228

#1	3104.221	3893.321	69830.73	16835.55	4489.332
#2	3121.857	3850.949	70690.02	17018.62	4426.080
#3	3135.649	3851.082	70960.62	16991.96	4422.608

Sample Name: PB120164BS Acquired: 05/31/2019 18:07:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS164 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209595	.0538415	.0206613	.0782592	.1340598	.4121922
Stddev	.0007860	.0020757	.0016584	.0010253	.0023333	.0108631
%RSD	3.750230	3.855302	8.026715	1.310087	1.740517	2.635439

#1	.0206034	.0517767	.0216043	.0773172	.1320210	.3999001
#2	.0218605	.0559280	.0187464	.0781091	.1335537	.4205028
#3	.0204144	.0538198	.0216331	.0793512	.1366046	.4161736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4262797	.0111834	.0115765	11.25103	.0226530	.1067916
Stddev	.0013238	.0000859	.0000918	.06476	.0004607	.0002932
%RSD	.3105524	.7684118	.7934066	.5755991	2.033659	.2745567

#1	.4278035	.0111967	.0114747	11.28585	.0222455	.1065005
#2	.4254133	.0110916	.0116017	11.29092	.0231529	.1067873
#3	.4256222	.0112619	.0116532	11.17630	.0225606	.1070868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463880	.2326407	.0355941	10.94145	.0898558	.0212460
Stddev	.0019300	.0048587	.0002826	.06107	.0003577	.0005016
%RSD	4.160507	2.088511	.7939576	.5581287	.3980678	2.361150

#1	.0465818	.2311045	.0358745	10.95872	.0902217	.0211876
#2	.0443684	.2380818	.0353093	10.99202	.0898388	.0217743
#3	.0482138	.2287357	.0355984	10.87361	.0895070	.0207761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14974	.1073672	.1279410	9.921533	.0189645	F .0175402
Stddev	.39907	.0015338	.0047181	.106659	.0020549	.0003639
%RSD	3.931781	1.428562	3.687718	1.075027	10.83541	2.074830

#1	9.87852	.1058480	.1251396	9.950616	.0202888	.0177781
#2	9.96272	.1089152	.1333883	10.01063	.0165973	.0171213
#3	10.60796	.1073384	.1252952	9.80335	.0200074	.0177214

Sample Name: PB120164BS Acquired: 05/31/2019 18:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS164 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222823	F .3141580	.2270895	.0159527	.2302091	F .1005572
Stddev	.0001228	.0005212	.0011338	.0005759	.0013970	.0006777
%RSD	.5509157	.1659047	.4992636	3.610172	.6068217	.6739345
#1	.0224231	.3146978	.2266939	.0156343	.2308915	.1004822
#2	.0221976	.3136576	.2283680	.0166175	.2311337	.1012692
#3	.0222262	.3141188	.2262065	.0156063	.2286021	.0999201

Elem	Sr4077
Units	ppm
Avg	.2193221
Stddev	.0002408
%RSD	.1097860
#1	.2191077
#2	.2192758
#3	.2195826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.710	3091.542	54208.86	13113.00	3914.100
Stddev	26.680	3.299	395.73	20.47	2.760
%RSD	1.097186	.1067060	.7300160	.1561060	.0705082
#1	2444.322	3087.895	54173.99	13100.00	3916.844
#2	2401.061	3092.414	53831.72	13102.40	3914.131
#3	2449.745	3094.317	54620.88	13136.59	3911.325

Sample Name: K2940-15 Acquired: 05/31/2019 18:24:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.964271	.1692160	.0752935	-.049491	-.000001	30.68327
Stddev	.008536	.0038806	.0023171	.004248	.001197	.15116
%RSD	.2879527	2.293287	3.077403	8.583873	81795.20	.4926473

#1	2.958884	.1673718	.0726907	-.053201	.001352	30.76453
#2	2.959816	.1666013	.0771317	-.050415	-.000435	30.77641
#3	2.974112	.1736748	.0760579	-.044857	-.000921	30.50886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620065	.0032092	.0426937	145.0999	-.064562	.1658560
Stddev	.0017861	.0000233	.0000311	1.6618	.001718	.0002520
%RSD	2.880551	.7256363	.0729578	1.145258	2.661612	.1519306

#1	.0605883	.0032202	.0426684	145.8719	-.064171	.1655771
#2	.0640124	.0032250	.0427285	146.2352	-.066442	.1660674
#3	.0614188	.0031825	.0426842	143.1925	-.063073	.1659234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7030141	86.09259	F 392.9882	12.60478	.1020329	.1576526
Stddev	.0045446	.67968	5.5836	.07761	.0003040	.0011736
%RSD	.6464519	.7894779	1.420815	.6157125	.2979366	.7444404

#1	.7062168	86.55027	393.6153	12.66583	.1016824	.1588280
#2	.7050129	86.41589	398.2318	12.63108	.1022247	.1576492
#3	.6978127	85.31160	387.1175	12.51744	.1021917	.1564807

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.387943	-.506149	20.35253	3.742525	3.999856	.4813251
Stddev	.228155	.016097	.07329	.006827	.005500	.0050128
%RSD	4.234551	3.180253	.3601226	.1824238	.1375124	1.041462

#1	5.333377	-.487674	20.41643	3.748985	3.995686	.4811175
#2	5.192018	-.513620	20.27253	3.743208	3.997793	.4864385
#3	5.638433	-.517152	20.36864	3.735382	4.006090	.4764193

Sample Name: K2940-15 Acquired: 05/31/2019 18:24:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144857	1357.212	4.459105	-.005727	-.000304	.0177265
Stddev	.0001593	2.892	.049362	.001196	.000548	.0018388
%RSD	1.099453	.2130548	1.107003	20.87860	180.1377	10.37301
#1	.0143618	1360.494	4.476800	-.004884	-.000149	.0156583
#2	.0146654	1355.037	4.497180	-.005202	.000150	.0183445
#3	.0144299	1356.105	4.403334	-.007095	-.000913	.0191766

Elem	Sr4077
Units	ppm
Avg	.0297613
Stddev	.0001147
%RSD	.3852768
#1	.0297588
#2	.0296479
#3	.0298772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.770	4489.535	79188.82	18841.08	4172.807
Stddev	15.428	16.192	509.42	203.59	15.053
%RSD	.4352243	.3606598	.6432982	1.080581	.3607377
#1	3535.365	4473.157	78796.64	18766.91	4155.431
#2	3536.370	4505.534	79005.24	18684.97	4181.893
#3	3562.575	4489.913	79764.59	19071.36	4181.096

Sample Name: K2941-08 Acquired: 05/31/2019 19:12:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1338308	.0038614	.4544058	-.005774	.0022332	5.513441	.0458232
Stddev	.0016536	.0024970	.0030224	.001836	.0010576	.008409	.0003905
%RSD	1.235623	64.66485	.6651414	31.79166	47.35762	.1525258	.8521019

#1	.1357401	.0017297	.4523265	-.003673	.0034185	5.505478	.0461941
#2	.1328517	.0066086	.4530181	-.006584	.0013861	5.522235	.0454158
#3	.1329006	.0032460	.4578729	-.007066	.0018950	5.512609	.0458597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091100	.0057881	38.41254	.0353414	.0358706	.3439172	13.54284
Stddev	.0000409	.0000530	.19794	.0004990	.0003008	.0022947	.06146
%RSD	.4485592	.9152886	.5153050	1.411885	.8384251	.6672121	.4538163

#1	.0091369	.0057458	38.19507	.0359068	.0361635	.3433634	13.48100
#2	.0091302	.0058475	38.58218	.0351546	.0355626	.3464381	13.54358
#3	.0090630	.0057709	38.46038	.0349627	.0358856	.3419502	13.60392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.483376	6.425918	.0124559	-.000063	2.694181	.2876408	.5600310
Stddev	.007094	.055142	.0001914	.000080	.040849	.0013627	.0039676
%RSD	.4782418	.8581233	1.536592	126.7448	1.516203	.4737457	.7084606

#1	1.475279	6.362269	.0125835	-.000036	2.739073	.2864307	.5644561
#2	1.488497	6.456234	.0122358	-.000153	2.659196	.2891168	.5567909
#3	1.486353	6.459251	.0125483	-.000000	2.684275	.2873748	.5588461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.887436	2.385368	.2921733	.0004739	1328.603	13.71949	-.002396
Stddev	.035651	.009275	.0003650	.0000644	4.461	.05221	.001550
%RSD	.9170930	.3888143	.1249250	13.59579	.3357442	.3805581	64.67544

#1	3.872474	2.389028	.2922926	.0005453	1332.399	13.66578	-.000686
#2	3.928131	2.374821	.2917636	.0004565	1323.690	13.77006	-.003707
#3	3.861705	2.392254	.2924637	.0004200	1329.720	13.72262	-.002796

Sample Name: K2941-08 Acquired: 05/31/2019 19:12:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0238500	.0005177	.2304388
Stddev	.0002751	.0003544	.0001763
%RSD	1.153530	68.45117	.0765056

#1	.0235966	.0001480	.2302417
#2	.0241426	.0005505	.2304935
#3	.0238108	.0008545	.2305813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.542	4333.749	77118.90	18313.17	4315.317
Stddev	17.317	18.230	597.75	43.25	16.809
%RSD	.5005546	.4206501	.7751020	.2361722	.3895101

#1	3441.210	4315.531	76445.83	18361.46	4300.829
#2	3461.790	4351.991	77323.02	18277.99	4333.746
#3	3475.624	4333.724	77587.86	18300.06	4311.377

Sample Name: K2941-04 Acquired: 05/31/2019 19:36:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.869367	.0088673	.1929601	-.004836	.0081297	30.97174	.0858327
Stddev	.008923	.0012387	.0039114	.002390	.0009710	.02108	.0011826
%RSD	.4773417	13.96945	2.027039	49.42896	11.94363	.0680715	1.377855

#1	1.878343	.0086347	.1925715	-.002528	.0070138	30.98023	.0871956
#2	1.869260	.0077614	.1970512	-.004678	.0087814	30.94774	.0850766
#3	1.860497	.0102058	.1892575	-.007301	.0085940	30.98726	.0852259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058811	.0218454	60.23364	.0186140	.0072011	1.783104	20.11377
Stddev	.0001165	.0002595	.05761	.0029373	.0001530	.008460	.04025
%RSD	1.980515	1.188127	.0956395	15.77989	2.124628	.4744437	.2000905

#1	.0058099	.0219939	60.24732	.0172573	.0073251	1.790859	20.11679
#2	.0060155	.0219967	60.17042	.0219843	.0072481	1.774082	20.15241
#3	.0058179	.0215457	60.28317	.0166002	.0070301	1.784372	20.07209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.813280	9.714220	.0187437	-.001154	5.286739	.0466538	1.586313
Stddev	.003851	.025881	.0003284	.000617	.210176	.0013476	.154321
%RSD	.2123569	.2664207	1.751919	53.48371	3.975539	2.888490	9.728261

#1	1.809457	9.728460	.0191071	-.000563	5.512073	.0463743	1.491943
#2	1.813225	9.729854	.0186558	-.001794	5.096016	.0481192	1.764401
#3	1.817158	9.684347	.0184682	-.001103	5.252130	.0454678	1.502595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.86767	11.01072	.3896601	.0005568	1228.657	23.94771	-.003066
Stddev	.04909	.13423	.0072088	.0002115	16.198	.40419	.000751
%RSD	.4136861	1.219063	1.850020	37.98912	1.318310	1.687813	24.48185

#1	11.89570	11.06818	.3878454	.0005176	1237.163	23.76821	-.002208
#2	11.81098	11.10665	.3976028	.0007852	1238.829	24.41056	-.003388
#3	11.89632	10.85732	.3835320	.0003676	1209.978	23.66435	-.003601

Sample Name: K2941-04 Acquired: 05/31/2019 19:36:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2313435	.0037366	.4157081
Stddev	.0011181	.0005167	.0007507
%RSD	.4833128	13.82767	.1805836

#1	.2322248	.0041308	.4152755
#2	.2300858	.0031517	.4152739
#3	.2317200	.0039273	.4165750

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.153	3690.096	62402.01	15868.36	4510.994
Stddev	254.372	40.430	5760.39	81.02	58.885
%RSD	9.133125	1.095628	9.231095	.5105481	1.305362

#1	2938.610	3658.913	65697.79	15811.33	4478.411
#2	2491.530	3675.599	55750.57	15832.66	4475.603
#3	2925.320	3735.775	65757.66	15961.10	4578.969

Sample Name: CCV056 Acquired: 05/31/2019 18:36:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.005166	5.075030	25.80529	4.891571	5.081238	422.5297	10.48626
Stddev	.007978	.009436	.05493	.009844	.007047	2.8335	.00868
%RSD	.1594048	.1859269	.2128710	.2012416	.1386862	.6706004	.0828066

#1	5.014295	5.085893	25.77595	4.902916	5.076774	421.3538	10.49255
#2	5.001670	5.068874	25.77125	4.885288	5.077579	420.4734	10.48987
#3	4.999531	5.070322	25.86866	4.886510	5.089362	425.7618	10.47635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130277	2.548766	430.4407	15.48854	2.636388	15.65383	431.7025
Stddev	.0025571	.003490	.7379	.02148	.003733	.00258	.1814
%RSD	.4984349	.1369211	.1714323	.1386728	.1415807	.0165012	.0420084

#1	.5102880	2.546560	431.2477	15.48430	2.634520	15.65391	431.5861
#2	.5153512	2.546948	430.2741	15.46950	2.633959	15.65121	431.6099
#3	.5134439	2.552790	429.8004	15.51182	2.640686	15.65638	431.9114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59351	423.5916	2.597116	1.314151	423.5102	2.599158	15.64564
Stddev	.01584	.1771	.002913	.003987	.3978	.000896	.10259
%RSD	.1016064	.0417980	.1121438	.3034128	.0939302	.0344679	.6557119

#1	15.61175	423.5273	2.593772	1.318035	423.6638	2.598932	15.66721
#2	15.58570	423.7918	2.599095	1.314349	423.0585	2.600146	15.53399
#3	15.58309	423.4557	2.598482	1.310068	423.8084	2.598397	15.73574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.9755	4.830906	5.162437	5.082529	5.041938	5.120071	5.192835
Stddev	.1220	.007760	.022316	.005499	.036285	.027469	.009093
%RSD	.0762648	.1606240	.4322678	.1082019	.7196657	.5364910	.1751080

#1	159.8380	4.829712	5.151835	5.079183	5.080625	5.099183	5.196840
#2	160.0710	4.839193	5.188076	5.079527	5.036527	5.151186	5.182427
#3	160.0173	4.823812	5.147398	5.088876	5.008663	5.109843	5.199238

Sample Name: CCV056 Acquired: 05/31/2019 18:36:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.182701	5.243139	5.244207
Stddev	.003859	.001096	.034225
%RSD	.0744592	.0209037	.6526194

#1	5.185590	5.242078	5.225864
#2	5.178318	5.244267	5.283693
#3	5.184194	5.243073	5.223063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.717	2747.081	51583.82	12807.89	3410.029
Stddev	10.753	3.311	231.59	20.70	6.237
%RSD	.4962981	.1205218	.4489631	.1616231	.1829127

#1	2161.481	2743.516	51365.86	12814.69	3403.708
#2	2179.085	2747.666	51826.98	12784.64	3410.200
#3	2159.583	2750.060	51558.61	12824.33	3416.180

Sample Name: K2941-02 Acquired: 05/31/2019 19:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1451535	.0070060	.0317656	-.006523	-.001475	4.328816	.0875426
Stddev	.0006130	.0024017	.0005480	.001232	.000700	.016665	.0001473
%RSD	.4223326	34.28114	1.725184	18.88390	47.44827	.3849817	.1682731

#1	.1455833	.0060971	.0318029	-.006651	-.002128	4.340462	.0874310
#2	.1454258	.0051913	.0311998	-.007686	-.001560	4.336259	.0874873
#3	.1444515	.0097295	.0322939	-.005232	-.000736	4.309726	.0877096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028198	.0055294	23.93204	-.001801	.0056836	.2973085	5.156904
Stddev	.0000957	.0000625	.10906	.000096	.0002060	.0021552	.012597
%RSD	3.394454	1.129630	.4556998	5.357114	3.625090	.7248908	.2442691

#1	.0028593	.0054586	24.04215	-.001880	.0059052	.2989848	5.169100
#2	.0028895	.0055766	23.92990	-.001828	.0056477	.2948775	5.143942
#3	.0027107	.0055530	23.82406	-.001693	.0054979	.2980632	5.157670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.46569	3.915467	.0191827	.0037257	4.459685	.0121028	1.205510
Stddev	.07531	.050241	.0002835	.0002468	.051603	.0008302	.005086
%RSD	.4574034	1.283153	1.477790	6.624419	1.157100	6.859333	.4218732

#1	16.54789	3.965777	.0191027	.0036509	4.504341	.0111478	1.199647
#2	16.44918	3.865295	.0189479	.0035250	4.471522	.0126518	1.208725
#3	16.40000	3.915329	.0194976	.0040013	4.403192	.0125089	1.208159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.872411	.7159218	.3809012	-.000756	1011.033	6.053358	-.002210
Stddev	.065557	.0017984	.0011869	.000144	2.235	.014335	.000288
%RSD	.9539226	.2512014	.3116068	19.08412	.2210704	.2368149	13.00996

#1	6.910721	.7139957	.3822538	-.000592	1009.486	6.046268	-.002301
#2	6.909800	.7175571	.3804161	-.000811	1013.595	6.069857	-.002442
#3	6.796714	.7162124	.3800337	-.000865	1010.018	6.043950	-.001888

Sample Name: K2941-02 Acquired: 05/31/2019 19:28:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0364177	-.000067	.5536060
Stddev	.0003994	.001255	.0005949
%RSD	1.096684	1875.133	.1074581

#1	.0368771	-.001451	.5541246
#2	.0361531	.000995	.5537367
#3	.0362228	.000255	.5529566

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.134	3957.478	70411.06	17067.88	4393.604
Stddev	8.014	9.805	231.16	23.32	14.194
%RSD	.2545730	.2477465	.3282945	.1366504	.3230571

#1	3150.610	3967.055	70229.76	17042.67	4404.338
#2	3154.618	3947.461	70671.36	17072.28	4377.511
#3	3139.174	3957.918	70332.06	17088.69	4398.964

Sample Name: K2940-18 Acquired: 05/31/2019 18:44:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991273	.0068399	.5693694	-.005567	.0029902	21.33053	.0614802
Stddev	.010034	.0016202	.0017343	.001519	.0002574	.10157	.0002659
%RSD	.5038791	23.68811	.3045997	27.28417	8.608838	.4761705	.4324936

#1	1.982263	.0063429	.5673877	-.006466	.0027107	21.23062	.0615167
#2	1.989470	.0086504	.5701105	-.006421	.0030425	21.43368	.0611979
#3	2.002086	.0055263	.5706100	-.003813	.0032175	21.32728	.0617259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086304	.0450240	35.96581	.0029892	.0224863	2.981984	15.13956
Stddev	.0000521	.0001989	.31809	.0001568	.0001828	.004930	.10825
%RSD	.6036351	.4417053	.8844204	5.245473	.8129804	.1653407	.7150140

#1	.0086396	.0447992	35.60754	.0031703	.0225437	2.976400	15.05505
#2	.0085744	.0450958	36.21503	.0028973	.0226335	2.983819	15.26157
#3	.0086774	.0451770	36.07486	.0029001	.0222817	2.985735	15.10205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.087142	7.178522	.0336250	.0118375	3.320113	.1791403	1.694997
Stddev	.062001	.022523	.0003448	.0001729	.171642	.0011167	.009033
%RSD	.7666652	.3137494	1.025297	1.460639	5.169773	.6233564	.5328934

#1	8.016088	7.172855	.0333957	.0118491	3.468133	.1791847	1.695768
#2	8.130265	7.203337	.0334578	.0116591	3.360247	.1802341	1.703620
#3	8.115072	7.159375	.0340214	.0120043	3.131960	.1780021	1.685604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.00938	4.988410	.2812625	.0017699	1120.389	16.90698	-.002582
Stddev	.04972	.024098	.0003604	.0001690	4.593	.03735	.000416
%RSD	.4516497	.4830722	.1281187	9.550432	.4099212	.2209192	16.12271

#1	11.00497	4.977465	.2808816	.0019519	1117.619	16.86386	-.002616
#2	10.96200	4.971728	.2813079	.0016177	1117.858	16.92804	-.002150
#3	11.06116	5.016038	.2815980	.0017403	1125.691	16.92905	-.002980

Sample Name: K2940-18 Acquired: 05/31/2019 18:44:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0340004	.0008145	.2694324
Stddev	.0003921	.0006249	.0002697
%RSD	1.153146	76.71455	.1001094

#1	.0336980	.0014315	.2696521
#2	.0338598	.0008300	.2695137
#3	.0344434	.0001821	.2691313

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.026	4633.174	81989.69	19777.36	4443.359
Stddev	14.821	13.829	231.92	120.59	19.712
%RSD	.4029583	.2984807	.2828625	.6097382	.4436203

#1	3694.638	4646.030	82242.82	19914.42	4456.754
#2	3666.159	4634.948	81787.44	19730.09	4452.598
#3	3673.280	4618.543	81938.81	19687.56	4420.725

Sample Name: K2941-05 Acquired: 05/31/2019 19:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6254173	.0059286	.3922625	-.010805	-.001671	9.111253
Stddev	.0020382	.0012902	.0014888	.001093	.000895	.027813
%RSD	.3258930	21.76315	.3795437	10.11833	53.55208	.3052594

#1	.6267905	.0045072	.3910447	-.011458	-.001952	9.114358
#2	.6263860	.0070259	.3939223	-.009543	-.000670	9.082018
#3	.6230754	.0062526	.3918207	-.011415	-.002393	9.137384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815093	.0079355	.0137818	33.04838	-.006227	.0837318
Stddev	.0012535	.0000326	.0000529	.16210	.000368	.0002778
%RSD	1.537880	.4112075	.3836312	.4904845	5.902468	.3317973

#1	.0828649	.0079104	.0137244	33.20490	-.006358	.0836246
#2	.0803921	.0079238	.0138286	32.88123	-.006510	.0840472
#3	.0812711	.0079724	.0137925	33.05900	-.005811	.0835235

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.851306	11.23853	F 37.20667	6.650549	.0291341	.1651375
Stddev	.003573	.04975	.16126	.031058	.0003664	.0004440
%RSD	.1929860	.4427014	.4334283	.4669931	1.257784	.2688632

#1	1.854323	11.26523	37.32934	6.655278	.0294284	.1653526
#2	1.847361	11.18113	37.02401	6.617398	.0292502	.1654330
#3	1.852235	11.26924	37.26666	6.678971	.0287237	.1646270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.103957	.1873948	1.527506	8.702017	1.546779	.3138580
Stddev	.299588	.0016583	.009274	.031291	.008377	.0029802
%RSD	9.651814	.8849379	.6071261	.3595883	.5415979	.9495391

#1	3.095189	.1867051	1.518103	8.666368	1.556062	.3172972
#2	2.808849	.1861926	1.527771	8.724943	1.539782	.3122420
#3	3.407832	.1892867	1.536645	8.714739	1.544494	.3120349

Sample Name: K2941-05 Acquired: 05/31/2019 19:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000930	981.5931	11.20474	-.002533	.0505267	.0035375
Stddev	.000158	3.2531	.05992	.000940	.0009422	.0008091
%RSD	16.95208	.3314097	.5347850	37.10787	1.864738	22.87344

#1	-.001112	985.3007	11.26907	-.001953	.0506476	.0026217
#2	-.000842	979.2168	11.19464	-.003617	.0514026	.0038353
#3	-.000835	980.2618	11.15051	-.002028	.0495299	.0041556

Elem	Sr4077
Units	ppm
Avg	.9478241
Stddev	.0027268
%RSD	.2876855

#1	.9492099
#2	.9446828
#3	.9495797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.907	3773.563	66858.26	16327.62	4382.399
Stddev	10.705	6.275	137.83	66.22	9.392
%RSD	.3576743	.1662965	.2061495	.4055413	.2143174

#1	2997.529	3770.193	66937.96	16272.43	4373.342
#2	3000.524	3769.693	66937.71	16401.04	4381.762
#3	2980.668	3780.804	66699.11	16309.39	4392.094

Sample Name: K2941-03 Acquired: 05/31/2019 19:32:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1768462	.0071920	.0183135	-.000290	.0003433	6.555007	.0972733
Stddev	.0037001	.0008188	.0000487	.001564	.0007009	.070019	.0007089
%RSD	2.092257	11.38465	.2657478	539.6259	204.1634	1.068173	.7287740

#1	.1810388	.0064223	.0182636	.001356	.0000336	6.502770	.0965528
#2	.1740378	.0071015	.0183160	-.001757	.0011456	6.527683	.0972970
#3	.1754621	.0080523	.0183608	-.000469	-.000149	6.634568	.0979700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020875	.0008809	149.0119	.0015476	-.000413	.0163370	3.527763
Stddev	.0000279	.0000860	2.2866	.0003163	.000039	.0001108	.041853
%RSD	1.335624	9.759038	1.534477	20.43902	9.350977	.6779665	1.186395

#1	.0021078	.0009373	147.4073	.0018956	-.000440	.0164501	3.498329
#2	.0020557	.0007820	147.9984	.0014693	-.000431	.0163321	3.509285
#3	.0020990	.0009235	151.6301	.0012777	-.000369	.0162287	3.575675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9701026	21.46479	.0033255	.0018494	11.56724	.0284989	.5188993
Stddev	.0148647	.24531	.0001053	.0001975	.12487	.0016427	.0028823
%RSD	1.532282	1.142864	3.164788	10.67693	1.079532	5.764101	.5554708

#1	.9585910	21.25057	.0032679	.0019153	11.60395	.0296531	.5202345
#2	.9648323	21.41141	.0034470	.0016274	11.42813	.0266182	.5208720
#3	.9868843	21.73240	.0032616	.0020054	11.66965	.0292254	.5155915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94857	4.474613	.4107345	.0004711	968.2269	27.85633	-.004546
Stddev	.07653	.016313	.0043653	.0001902	7.3855	.26755	.001140
%RSD	.6989821	.3645622	1.062816	40.36720	.7627835	.9604568	25.08423

#1	10.86459	4.471454	.4080266	.0003997	962.6546	27.66677	-.005587
#2	10.96677	4.460111	.4084064	.0003269	965.4222	27.73985	-.003327
#3	11.01436	4.492275	.4157704	.0006866	976.6038	28.16238	-.004723

Sample Name: K2941-03 Acquired: 05/31/2019 19:32:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043755	.0183599	.6257188
Stddev	.0001827	.0002895	.0063026
%RSD	4.175605	1.576821	1.007262

#1	.0041943	.0182423	.6197175
#2	.0043724	.0186897	.6251541
#3	.0045597	.0181476	.6322848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.222	3578.030	63721.07	15497.90	4515.671
Stddev	14.461	71.341	402.38	203.16	87.425
%RSD	.5125674	1.993869	.6314713	1.310859	1.936037

#1	2810.817	3630.733	63355.00	15677.26	4580.830
#2	2815.116	3606.509	63656.31	15539.17	4549.867
#3	2837.735	3496.849	64151.91	15277.28	4416.317

Sample Name: CCV057 Acquired: 05/31/2019 20:08:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985970	5.028403	25.51836	4.883622	5.093461	419.5227	10.43389
Stddev	.011729	.011396	.06491	.003100	.007483	3.9302	.02205
%RSD	.2352411	.2266330	.2543588	.0634872	.1469054	.9368342	.2113061

#1	4.987579	5.040242	25.52398	4.880218	5.101727	415.3146	10.41724
#2	4.973519	5.017508	25.45083	4.886285	5.091506	423.0983	10.42553
#3	4.996811	5.027460	25.58028	4.884363	5.087150	420.1551	10.45889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035120	2.518164	426.1357	15.30592	2.622074	15.51296	428.4738
Stddev	.0061365	.005196	3.7017	.00700	.003335	.02536	2.6851
%RSD	1.218740	.2063414	.8686661	.0457509	.1271775	.1634752	.6266667

#1	.4975611	2.517952	422.7340	15.31396	2.622553	15.48404	426.2203
#2	.5098186	2.513076	430.0780	15.30266	2.618526	15.53142	431.4447
#3	.5031562	2.523462	425.5952	15.30114	2.625143	15.52341	427.7563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46007	421.4766	2.573412	1.308671	420.5190	2.580759	15.76169
Stddev	.13086	1.7995	.003841	.004604	1.4209	.008781	.11619
%RSD	.8464629	.4269572	.1492585	.3518423	.3378906	.3402348	.7371853

#1	15.35772	419.7975	2.575125	1.310658	418.9402	2.572077	15.88417
#2	15.60752	423.3762	2.569012	1.311948	421.6950	2.589635	15.65301
#3	15.41497	421.2560	2.576098	1.303406	420.9220	2.580564	15.74789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.7349	4.802443	5.081689	5.092162	5.073915	4.998972	5.127265
Stddev	.2924	.022111	.061340	.004677	.031956	.064333	.014799
%RSD	.1842322	.4604068	1.207081	.0918499	.6298059	1.286934	.2886302

#1	158.4050	4.807881	5.034866	5.094902	5.110633	4.949253	5.122612
#2	158.8370	4.778121	5.151126	5.094822	5.058721	5.071631	5.115352
#3	158.9625	4.821328	5.059075	5.086761	5.052391	4.976031	5.143832

Sample Name: CCV057 Acquired: 05/31/2019 20:08:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.115745	5.215187	5.233844
Stddev	.026829	.013265	.106333
%RSD	.5244325	.2543584	2.031643

#1	5.093792	5.202114	5.130559
#2	5.145651	5.214810	5.342983
#3	5.107792	5.228637	5.227989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.767	2785.879	53104.55	13273.41	3480.623
Stddev	7.144	3.468	167.72	111.29	1.605
%RSD	.3224111	.1244852	.3158268	.8384742	.0461216

#1	2208.799	2785.497	52911.13	13364.10	3480.529
#2	2223.075	2782.619	53209.68	13149.21	3482.273
#3	2215.426	2789.523	53192.85	13306.91	3479.066

Sample Name: K2941-07LX5 Acquired: 05/31/2019 19:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283412	.0025613	.0778458	-.001601	.0001393	1.170861	.0096716
Stddev	.0036105	.0019051	.0026012	.002458	.0017281	.006979	.0007726
%RSD	12.73952	74.38075	3.341518	153.5599	1240.231	.5960834	7.988270

#1	.0311701	.0036034	.0786697	-.000115	-.000774	1.163972	.0099518
#2	.0295789	.0003625	.0799353	-.004439	-.000941	1.170684	.0087980
#3	.0242746	.0037180	.0749324	-.000249	.002132	1.177927	.0102650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019171	.0010516	8.129823	.0092683	.0060704	.0711957	2.885984
Stddev	.0000603	.0001372	.026651	.0000695	.0003982	.0011006	.002467
%RSD	3.147561	13.04690	.3278172	.7501762	6.559520	1.545803	.0854900

#1	.0019866	.0011545	8.102810	.0092193	.0061986	.0717142	2.884592
#2	.0018792	.0008958	8.130563	.0093478	.0063887	.0699317	2.884528
#3	.0018854	.0011044	8.156096	.0092377	.0056239	.0719413	2.888833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3157197	1.381644	.0029936	-.000033	.5761954	.0604141	.1183571
Stddev	.0004583	.007550	.0001632	.000168	.0147986	.0009677	.0015009
%RSD	.1451497	.5464261	5.452378	505.8616	2.568327	1.601728	1.268097

#1	.3161084	1.384800	.0031706	-.000226	.5741210	.0597528	.1200770
#2	.3152144	1.373028	.0028490	.000046	.5919218	.0599647	.1173126
#3	.3158362	1.387103	.0029612	.000080	.5625435	.0615248	.1176817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7798448	.4159023	.0579769	.0002632	341.0168	2.894791	-.001752
Stddev	.0308460	.0047862	.0001516	.0000884	.9723	.011911	.000841
%RSD	3.955398	1.150787	.2614844	33.59676	.2851293	.4114682	48.04241

#1	.7867668	.4105463	.0580706	.0002586	340.3916	2.890311	-.001323
#2	.8066417	.4197602	.0580582	.0001772	342.1371	2.885769	-.002721
#3	.7461260	.4174003	.0578020	.0003539	340.5219	2.908292	-.001210

Sample Name: K2941-07LX5 Acquired: 05/31/2019 19:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0053572	-.000613	.0490872
Stddev	.0013675	.001150	.0001015
%RSD	25.52598	187.5374	.2068171

#1	.0042187	.000300	.0491705
#2	.0068740	-.000235	.0489741
#3	.0049790	-.001905	.0491170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.991	3236.754	57633.76	14007.86	3887.867
Stddev	4.347	12.317	337.57	14.78	12.866
%RSD	.1682383	.3805490	.5857074	.1055333	.3309259

#1	2579.459	3228.895	57339.91	13991.93	3881.799
#2	2584.388	3230.416	57558.90	14010.51	3879.157
#3	2588.127	3250.949	58002.47	14021.14	3902.645

Sample Name: K2941-09 Acquired: 05/31/2019 20:00:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA106S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1656111	.0554835	.4675693	.0378092	.0871478	6.967413	1.721249
Stddev	.0015047	.0003297	.0058274	.0007978	.0008134	.026376	.004353
%RSD	.9085460	.5942391	1.246316	2.109982	.9333027	.3785554	.2528855

#1	.1661038	.0553164	.4609118	.0379134	.0862659	6.997688	1.726121
#2	.1639219	.0552708	.4700515	.0369644	.0873092	6.949405	1.719883
#3	.1668076	.0558633	.4717446	.0385497	.0878684	6.955147	1.717742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515738	.0629905	38.04605	.2015845	.5722747	.5076948	14.27589
Stddev	.0003491	.0005569	.12749	.0004798	.0040181	.0014507	.05224
%RSD	.6768176	.8840922	.3350830	.2380030	.7021206	.2857393	.3659353

#1	.0518807	.0624456	38.19168	.2019269	.5676399	.5088229	14.32591
#2	.0516467	.0629672	37.99182	.2010361	.5747756	.5082032	14.28007
#3	.0511941	.0635586	37.95464	.2017903	.5744087	.5060583	14.22168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.902411	6.338100	.5582246	.0409401	2.654355	.7129861	.9814243
Stddev	.006195	.043555	.0036148	.0004948	.147725	.0045266	.0042086
%RSD	.3256154	.6871998	.6475574	1.208597	5.565367	.6348791	.4288283

#1	1.908570	6.294238	.5546213	.0411711	2.796348	.7180773	.9816863
#2	1.902482	6.381343	.5618508	.0403721	2.501498	.7114654	.9770908
#3	1.896181	6.338719	.5582016	.0412772	2.665219	.7094158	.9854959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.833273	2.341555	.2890935	.0003537	1309.108	13.55389	-.000905
Stddev	.047717	.018105	.0007783	.0001646	13.953	.06390	.000895
%RSD	1.244823	.7732217	.2692309	46.54091	1.065812	.4714361	98.97087

#1	3.794603	2.323136	.2894168	.0002414	1294.744	13.59972	-.000977
#2	3.886599	2.342200	.2896580	.0002771	1309.972	13.58105	.000025
#3	3.818616	2.359330	.2882056	.0005427	1322.609	13.48090	-.001761

Sample Name: K2941-09 Acquired: 05/31/2019 20:00:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0245584	-.001086	.2272376
Stddev	.0003266	.001926	.0006346
%RSD	1.329857	177.3089	.2792431

#1	.0243520	-.002585	.2275867
#2	.0243884	.001086	.2276208
#3	.0249350	-.001760	.2265051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.244	4344.122	78239.33	18755.88	4355.176
Stddev	17.870	53.762	401.65	38.31	63.201
%RSD	.5127314	1.237582	.5133635	.2042693	1.451173

#1	3477.436	4401.296	78287.43	18717.28	4423.687
#2	3505.690	4336.481	78614.77	18756.47	4342.692
#3	3472.608	4294.590	77815.80	18793.90	4299.148

Sample Name: K2940-20LX5 Acquired: 05/31/2019 19:48:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090393	.0025400	.2395086	-.001727	.0016790	8.674144	.0154785
Stddev	.0034868	.0004319	.0041059	.003095	.0011578	.014238	.0003230
%RSD	.8524322	17.00535	1.714319	179.2150	68.95720	.1641436	2.086431

#1	.4087069	.0022265	.2374296	.001598	.0006284	8.679997	.0152652
#2	.4057307	.0023609	.2368580	-.002254	.0014884	8.657912	.0158500
#3	.4126804	.0030327	.2442382	-.004525	.0029203	8.684523	.0153201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027824	.0065064	21.57666	.0065645	.0037127	.6610353	7.447442
Stddev	.0000419	.0000582	.09694	.0005306	.0003267	.0030777	.008704
%RSD	1.505291	.8940143	.4492940	8.082467	8.799965	.4655850	.1168750

#1	.0028209	.0064815	21.48521	.0059562	.0040102	.6596853	7.456644
#2	.0027885	.0064648	21.56648	.0068049	.0033631	.6588634	7.439341
#3	.0027378	.0065728	21.67829	.0069323	.0037646	.6645573	7.446340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.064228	4.065996	.0055113	.0000103	.4835673	.0186540	.2922514
Stddev	.003887	.018640	.0005881	.0002696	.2975782	.0018986	.0027717
%RSD	.3652675	.4584353	10.67023	2606.407	61.53811	10.17784	.9483812

#1	1.059989	4.084345	.0049334	-.000223	.4842986	.0207856	.2917947
#2	1.065069	4.047078	.0054916	-.000051	.1856242	.0171444	.2897364
#3	1.067626	4.066564	.0061090	.000305	.7807792	.0180321	.2952230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.808894	4.166884	.0221972	-.000092	320.2712	8.367729	-.001758
Stddev	.048489	.043768	.0007523	.000277	2.9781	.039881	.001236
%RSD	1.273053	1.050376	3.389061	300.9126	.9298831	.4766050	70.31446

#1	3.794624	4.133504	.0220601	-.000359	318.4559	8.352008	-.002583
#2	3.769141	4.150711	.0215229	-.000111	318.6495	8.338104	-.002352
#3	3.862917	4.216437	.0230086	.000194	323.7082	8.413075	-.000337

Sample Name: K2940-20LX5 Acquired: 05/31/2019 19:48:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0620647	.0041890	.1430564
Stddev	.0008605	.0016587	.0001388
%RSD	1.386377	39.59580	.0970114

#1	.0614772	.0022835	.1431583
#2	.0616646	.0053090	.1431127
#3	.0630524	.0049746	.1428984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.349	3222.043	56868.08	13985.36	4013.716
Stddev	8.030	27.191	113.02	18.66	25.013
%RSD	.3168372	.8438952	.1987446	.1334013	.6231981

#1	2538.650	3191.761	56922.97	13996.62	3984.891
#2	2525.085	3230.003	56738.09	13995.64	4026.547
#3	2539.312	3244.366	56943.17	13963.82	4029.710

Sample Name: K2940-13DLX2 Acquired: 05/31/2019 20:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9570548	.0034339	.0584038	-.009116	.0009974	8.154353	.0364191
Stddev	.0049280	.0013983	.0017261	.000752	.0008446	.048261	.0005546
%RSD	.5149112	40.72121	2.955403	8.243826	84.68649	.5918445	1.522788

#1	.9544936	.0029886	.0566260	-.009952	.0018910	8.125096	.0358578
#2	.9627360	.0023124	.0585124	-.008496	.0008888	8.210056	.0369667
#3	.9539348	.0050006	.0600730	-.008901	.0002123	8.127905	.0364329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024473	.0014352	207.4413	-.004178	.0074288	.1012128	26.85073
Stddev	.0000360	.0001159	1.8307	.000385	.0002526	.0014115	.14619
%RSD	1.472307	8.073137	.8825336	9.216871	3.400804	1.394630	.5444575

#1	.0024364	.0014100	205.3348	-.004462	.0074747	.1004049	26.68660
#2	.0024180	.0013341	208.6477	-.003740	.0071564	.1003908	26.96697
#3	.0024875	.0015616	208.3415	-.004332	.0076554	.1028426	26.89862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.87663	1.203440	.0077295	.0035673	3.470759	.0415074	1.270008
Stddev	.18922	.037148	.0002292	.0005422	.423499	.0018213	.003927
%RSD	.7924988	3.086815	2.965689	15.20007	12.20192	4.387973	.3091920

#1	23.65953	1.163208	.0077488	.0029676	3.010808	.0407191	1.266487
#2	24.00650	1.236441	.0079485	.0037115	3.844560	.0435901	1.274243
#3	23.96388	1.210671	.0074913	.0040229	3.556909	.0402131	1.269295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.895296	2.074758	.3362512	.0006833	671.5177	3.981469	-.003933
Stddev	.083590	.029910	.0036718	.0004244	5.4690	.034895	.000905
%RSD	2.887097	1.441603	1.091987	62.11652	.8144206	.8764270	23.01317

#1	2.856668	2.043849	.3320116	.0005999	665.5161	3.944511	-.003129
#2	2.991214	2.076867	.3383283	.0011432	672.8172	3.986050	-.003756
#3	2.838005	2.103557	.3384136	.0003067	676.2200	4.013848	-.004913

Sample Name: K2940-13DLX2 Acquired: 05/31/2019 20:32:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014508	.0067646	.0175678
Stddev	.0008635	.0006979	.0001035
%RSD	59.51718	10.31664	.5890349

#1	.0008369	.0060162	.0176814
#2	.0010774	.0073976	.0175429
#3	.0024382	.0068798	.0174790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.516	3634.019	62022.77	14528.03	4478.082
Stddev	9.183	156.392	29.77	123.91	127.082
%RSD	.3310921	4.303551	.0479980	.8528849	2.837866

#1	2784.080	3514.145	62047.82	14668.45	4384.646
#2	2769.032	3576.990	61989.86	14434.04	4426.810
#3	2767.437	3810.922	62030.64	14481.61	4622.791

Sample Name: K2940-09DLX2 Acquired: 05/31/2019 20:24:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5868108	.0027601	.0248854	-.004582	.0002787	3.949413	.0333738
Stddev	.0029935	.0015126	.0017116	.002688	.0008327	.016146	.0001868
%RSD	.5101346	54.80207	6.877798	58.66933	298.7876	.4088306	.5597657

#1	.5834229	.0040688	.0254300	-.006917	.0006683	3.943648	.0333371
#2	.5890988	.0011040	.0262584	-.005184	-.000677	3.936941	.0335763
#3	.5879107	.0031076	.0229678	-.001644	.000845	3.967651	.0332081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000478	.0051670	5.255551	.0020557	.0037007	.1182839	23.11006
Stddev	.0000239	.0000786	.035359	.0004779	.0001826	.0022932	.02291
%RSD	50.12326	1.520601	.6727880	23.24553	4.935499	1.938751	.0991181

#1	.0000344	.0052171	5.242890	.0022349	.0038956	.1157896	23.10028
#2	.0000754	.0050764	5.228266	.0015142	.0036729	.1203008	23.09367
#3	.0000336	.0052073	5.295497	.0024181	.0035335	.1187614	23.13623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.55012	.2761431	.0025435	.0071954	2.545780	.0172547	.8893988
Stddev	.08770	.0150463	.0002568	.0002192	.109108	.0017214	.0076118
%RSD	.4997185	5.448734	10.09765	3.046787	4.285829	9.976262	.8558320

#1	17.55948	.2621222	.0023645	.0074387	2.535544	.0188919	.8961703
#2	17.45811	.2920390	.0028377	.0071344	2.659644	.0174124	.8908658
#3	17.63276	.2742681	.0024281	.0070132	2.442150	.0154600	.8811603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.119309	2.009617	.2286821	.0003994	648.4001	2.353148	-.000406
Stddev	.060576	.011790	.0014922	.0005021	2.6005	.017490	.000579
%RSD	1.941972	.5866879	.6525228	125.7172	.4010601	.7432644	142.7686

#1	3.097309	2.007667	.2299077	-.000165	647.0933	2.334832	-.001045
#2	3.072807	1.998923	.2270204	.000797	646.7123	2.354937	-.000259
#3	3.187811	2.022260	.2291180	.000566	651.3948	2.369675	.000086

Sample Name: K2940-09DLX2 Acquired: 05/31/2019 20:24:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0067024	-.002898	1.818360
Stddev	.0003792	.002267	.001709
%RSD	5.657090	78.21855	.0939596

#1	.0062826	-.001478	1.818880
#2	.0070199	-.005513	1.816452
#3	.0068046	-.001704	1.819748

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.093	3398.136	60345.02	14477.07	4218.221
Stddev	9.358	10.456	74.96	64.36	11.227
%RSD	.3456893	.3077102	.1242230	.4445316	.2661618

#1	2697.426	3408.206	60390.29	14538.19	4221.190
#2	2707.744	3398.868	60258.50	14483.12	4227.666
#3	2716.109	3387.332	60386.29	14409.91	4205.808

Sample Name: CCB057 Acquired: 05/31/2019 20:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001533	.0016607	.0006626	.0001622	-.001269	.0018451
Stddev	.002290	.0015980	.0005865	.0008276	.001062	.0017293
%RSD	149.4100	96.22920	88.52553	510.1649	83.68099	93.72656

#1	-.004149	.0004579	.0013390	.0001711	-.002377	.0021599
#2	-.000562	.0034740	.0003539	.0009853	-.001169	-.000020
#3	.000112	.0010502	.0002948	-.000670	-.000261	.003395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000575	-.000033	-.000116	-.003296	-.000055	.0001027
Stddev	.000393	.000068	.000026	.007563	.000089	.0000795
%RSD	68.31992	207.8452	22.77819	229.4492	161.5106	77.38673

#1	-.000178	-.000037	-.000095	.000967	.000024	.0000174
#2	-.000582	.000037	-.000146	.001173	-.000152	.0001746
#3	-.000964	-.000098	-.000108	-.012028	-.000038	.0001162

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000492	.0149227	.0001858	.0238171	-.000473	.0001273
Stddev	.000663	.0080949	.0002101	.0152023	.000388	.0002435
%RSD	134.7082	54.24551	113.0667	63.82923	82.00402	191.2399

#1	-.000255	.0117672	.0001803	.0140958	-.000025	-.000124
#2	.000019	.0088807	-.000021	.0160195	-.000694	.000143
#3	-.001241	.0241201	.000398	.0413360	-.000700	.000362

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148272	-.001691	-.000853	.0971234	-.000051	.0033104
Stddev	.074220	.000097	.000500	.0329399	.001133	.0003734
%RSD	50.05656	5.758521	58.56638	33.91549	2241.224	11.27844

#1	-.112979	-.001755	-.000755	.0849196	-.001255	.0031642
#2	-.233552	-.001579	-.000410	.1344236	.000994	.0037348
#3	-.098283	-.001738	-.001394	.0720269	.000109	.0030324

Sample Name: CCB057 Acquired: 05/31/2019 20:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002518	F .1507981	-.000928	.0014012	.0001974	.0055175
Stddev	.0003483	.0044458	.000428	.0007723	.0004107	.0008237
%RSD	138.3372	2.948162	46.07335	55.11262	208.1022	14.92847
#1	.0004622	.1538985	-.000651	.0006567	.0000832	.0045940
#2	.0004433	.1527913	-.001420	.0013486	.0006531	.0061765
#3	-.000150	.1457045	-.000712	.0021985	-.000144	.0057819

Elem	Sr4077
Units	ppm
Avg	.0000960
Stddev	.0000162
%RSD	16.82416
#1	.0000871
#2	.0000864
#3	.0001147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.320	3142.601	55860.75	13651.50	3906.258
Stddev	10.056	7.545	354.45	30.40	12.326
%RSD	.4021780	.2400889	.6345267	.2227135	.3155330
#1	2508.923	3146.924	56029.14	13684.67	3913.035
#2	2502.771	3146.990	56099.61	13644.87	3913.708
#3	2489.265	3133.889	55453.49	13624.96	3892.031

Sample Name: K2940-16DLX2 Acquired: 05/31/2019 20:52:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1203495	k 1.744758	1.732918	k .3767913	k -.005799	k 5.939650	.0089593
Stddev	.0031040	.011663	.003759	.0034390	.000651	.011787	.0001658
%RSD	2.579185	.6684758	.2169294	.9126978	11.22496	.1984502	1.850960

#1	k .1196886	k 1.732761	1.734901	k .3743420	k -.005312	k 5.927873	.0091368
#2	k .1176292	k 1.745457	1.728583	k .3807228	k -.006539	k 5.951448	.0089327
#3	k .1237308	k 1.756057	1.735271	k .3753090	k -.005547	k 5.939628	.0088084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039631	k .0889072	k 33.09918	k .1606626	.0134304	k 1.026566	k 82.98655
Stddev	.000138	.0000415	.22198	.0016065	.0001978	.003870	.45505
%RSD	.3483971	.0466951	.6706488	.9999160	1.472700	.3770155	.5483419

#1	-.039485	k .0888941	k 33.16517	k .1624290	.0136571	k 1.026595	k 83.02428
#2	-.039759	k .0888738	k 33.28068	k .1602701	.0132926	k 1.030422	k 83.42155
#3	-.039648	k .0889536	k 32.85168	k .1592887	.0133416	k 1.022681	k 82.51380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	13.99858	.0196967	k .3179457	k 2.892345	^ *****	k 20.62509
Stddev	-----	.03284	.0003229	.0036715	.032495	-----	.10737
%RSD	-----	.2345907	1.639217	1.154764	1.123469	-----	.5205973

#1	^ -----	14.03475	.0199456	k .3221519	k 2.922858	^ -----	k 20.72712
#2	^ -----	13.99035	.0193319	k .3163015	k 2.858178	^ -----	k 20.51307
#3	^ -----	13.97063	.0198126	k .3153836	k 2.895998	^ -----	k 20.63509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.565765	k -.642842	k -.018827	-.033024	k 817.2592	12.78054	-.007814
Stddev	.043568	.004049	.000714	.000046	1.4133	.07239	.000929
%RSD	1.221843	.6298264	3.791568	.1396815	.1729364	.5664429	11.88377

#1	3.579113	k -.644948	k -.018036	-.032984	k 815.9190	12.75337	-.006755
#2	3.601098	k -.645405	k -.019424	-.033014	k 817.1230	12.86259	-.008487
#3	3.517085	k -.638175	k -.019021	-.033074	k 818.7358	12.72567	-.008200

Sample Name: K2940-16DLX2 Acquired: 05/31/2019 20:52:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023114	.0046513	.0569385
Stddev	.0008073	.0012017	.0001126
%RSD	34.92617	25.83615	.1978322

#1	.0024873	.0058711	.0570508
#2	.0014306	.0046143	.0569392
#3	.0030162	.0034685	.0568255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.897	4872.043	85048.98	20644.69	4039.707
Stddev	18.988	3.023	566.33	123.18	4.784
%RSD	.4907790	.0620381	.6658868	.5966854	.1184140

#1	3846.972	4874.973	84409.32	20652.60	4042.146
#2	3880.018	4868.936	85251.10	20517.75	4042.779
#3	3879.700	4872.219	85486.53	20763.74	4034.196

Sample Name: K2940-20A Acquired: 05/31/2019 20:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA080A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.056918	.0094434	1.304299	-.006385	.0093735	43.65758	.0803682
Stddev	.017471	.0012371	.013409	.001089	.0004992	.27921	.0005231
%RSD	.8493839	13.09984	1.028064	17.06306	5.325481	.6395368	.6509246

#1	2.076754	.0092403	1.319493	-.005435	.0088232	43.40664	.0797645
#2	2.050183	.0083205	1.299282	-.007574	.0097970	43.60775	.0806885
#3	2.043816	.0107695	1.294122	-.006146	.0095004	43.95835	.0806517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142244	.0343395	109.0868	.0352829	.0237166	3.286689	37.03008
Stddev	.0001312	.0003437	1.1366	.0003991	.0004003	.016905	.34688
%RSD	.9227141	1.000902	1.041880	1.131000	1.687764	.5143505	.9367417

#1	.0140751	.0347283	107.7779	.0356355	.0234744	3.274641	36.64332
#2	.0142763	.0342138	109.6585	.0353636	.0241786	3.279413	37.13327
#3	.0143217	.0340763	109.8240	.0348497	.0234968	3.306014	37.31366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.276575	20.44564	.0338897	-.001431	2.332711	.0871398	4.035780
Stddev	.052757	.16298	.0005300	.000125	.045076	.0021513	.030584
%RSD	.9998327	.7971535	1.563769	8.767316	1.932338	2.468770	.7578166

#1	5.215936	20.28017	.0344830	-.001393	2.302337	.0846658	4.012730
#2	5.301844	20.45073	.0337229	-.001329	2.311293	.0885702	4.024134
#3	5.311945	20.60601	.0334633	-.001571	2.384503	.0881835	4.070476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.99217	22.04986	.1250317	.0013734	1227.178	42.32142	-.003022
Stddev	.09103	.28124	.0030614	.0002221	15.711	.25588	.001941
%RSD	.4553386	1.275468	2.448469	16.17108	1.280294	.6046118	64.22056

#1	19.93860	22.36176	.1215229	.0015269	1244.266	42.05545	-.004540
#2	19.94064	21.97222	.1264145	.0014747	1223.910	42.56584	-.003691
#3	20.09728	21.81559	.1271578	.0011187	1213.357	42.34298	-.000835

Sample Name: K2940-20A Acquired: 05/31/2019 20:04:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3137369	.0153718	.7099023
Stddev	.0022276	.0008774	.0033741
%RSD	.7100150	5.708026	.4752909

#1	.3118121	.0163846	.7083927
#2	.3132216	.0148895	.7075465
#3	.3161770	.0148413	.7137676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.900	3804.017	67029.42	16454.48	4363.774
Stddev	9.000	44.852	207.04	75.64	59.968
%RSD	.3018068	1.179078	.3088814	.4596945	1.374221

#1	2987.532	3756.624	66800.54	16541.46	4299.737
#2	2986.646	3809.626	67084.04	16404.05	4372.976
#3	2971.521	3845.801	67203.67	16417.94	4418.609

Sample Name: K2941-05DLX2 Acquired: 05/31/2019 20:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3368882	.0032508	.2014686	-.006596	-.000274	4.951187	.0442146
Stddev	.0028445	.0021853	.0019762	.000559	.000186	.005811	.0007402
%RSD	.8443344	67.22307	.9808940	8.474823	67.65277	.1173560	1.674186

#1	.3375604	.0012884	.2016578	-.007241	-.000456	4.950511	.0449973
#2	.3393364	.0028581	.1994046	-.006292	-.000085	4.945744	.0441208
#3	.3337678	.0056057	.2033434	-.006254	-.000283	4.957306	.0435257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042559	.0071200	18.09960	-.003480	.0431683	1.012385	6.140564
Stddev	.0000405	.0000117	.10192	.000382	.0001835	.001088	.009424
%RSD	.9510627	.1635662	.5631072	10.96848	.4251762	.1074949	.1534713

#1	.0042802	.0071172	18.06361	-.003734	.0432859	1.011571	6.140080
#2	.0042092	.0071328	18.21463	-.003667	.0429568	1.011964	6.150221
#3	.0042783	.0071100	18.02056	-.003041	.0432623	1.013621	6.131392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.43019	3.641079	.0149914	.0974132	1.761262	.1020554	.8369447
Stddev	.08084	.021689	.0000834	.0002020	.217925	.0007009	.0050776
%RSD	.3956869	.5956617	.5564890	.2073571	12.37325	.6868336	.6066783

#1	20.40290	3.616358	.0148982	.0974763	1.927422	.1028088	.8322098
#2	20.52114	3.656910	.0150592	.0971872	1.514522	.1019351	.8363175
#3	20.36653	3.649968	.0150169	.0975761	1.841842	.1014225	.8423067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.566689	.7939575	.1678746	-.000317	580.8252	6.044596	-.001276
Stddev	.056579	.0049210	.0006008	.000350	2.8245	.032467	.000343
%RSD	1.238946	.6198128	.3578877	110.4326	.4862889	.5371317	26.84230

#1	4.520529	.7989263	.1685658	.000064	584.0703	6.063594	-.000990
#2	4.629808	.7890856	.1674779	-.000625	579.4850	6.063088	-.001184
#3	4.549730	.7938605	.1675800	-.000391	578.9203	6.007107	-.001656

Sample Name: K2941-05DLX2 Acquired: 05/31/2019 20:40:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA096 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0273588	.0026221	.5163427
Stddev	.0002290	.0008766	.0010026
%RSD	.8371555	33.43049	.1941693

#1	.0271976	.0035568	.5160623
#2	.0272579	.0018185	.5155102
#3	.0276210	.0024909	.5174557

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.959	3611.598	64264.70	15753.36	4387.816
Stddev	8.900	24.940	211.49	60.65	29.812
%RSD	.3104255	.6905407	.3290967	.3850244	.6794244

#1	2869.517	3592.512	64176.77	15694.36	4358.297
#2	2874.301	3602.466	64505.97	15750.17	4387.238
#3	2857.061	3639.817	64111.35	15815.54	4417.912

Sample Name: K2940-14DL2X40 Acquired: 05/31/2019 20:56:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636837	.0019607	.0073364	-.004569	-.001350	.7636468	.0007085
Stddev	.0015925	.0008210	.0009949	.001401	.000368	.0038408	.0003503
%RSD	2.500638	41.87089	13.56170	30.66698	27.25512	.5029608	49.44733

#1	.0636570	.0027550	.0078083	-.003199	-.001509	.7662628	.0003545
#2	.0652894	.0020118	.0061933	-.006000	-.000929	.7592373	.0010550
#3	.0621048	.0011154	.0080076	-.004509	-.001612	.7654404	.0007159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000516	.0022428	1.435080	-.003169	.0026578	.0625029	5.279589
Stddev	.0000242	.0001859	.020727	.000602	.0003324	.0018207	.047709
%RSD	46.86803	8.286675	1.444338	19.00742	12.50706	2.913009	.9036485

#1	.0000471	.0024225	1.458580	-.003739	.0029208	.0605026	5.334408
#2	.0000300	.0020514	1.419401	-.002539	.0027686	.0640636	5.247463
#3	.0000777	.0022546	1.427258	-.003229	.0022842	.0629425	5.256895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43501	.4536900	.0022830	.0018430	.0159290	.0082922	.5147294
Stddev	.14456	.0152409	.0000642	.0001348	.2171300	.0017639	.0058760
%RSD	1.001472	3.359318	2.810255	7.311720	1363.109	21.27178	1.141581

#1	14.59978	.4361182	.0023029	.0019352	-.191117	.0082415	.5094184
#2	14.32945	.4633182	.0022113	.0016883	.241904	.0100809	.5210418
#3	14.37580	.4616335	.0023349	.0019054	-.003000	.0065542	.5137281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2505389	.2867865	.0057317	-.000423	50.71921	1.334182	-.000781
Stddev	.0511450	.0012632	.0006044	.000107	.16492	.017464	.000474
%RSD	20.41401	.4404522	10.54397	25.17308	.3251573	1.308943	60.69483

#1	.2173521	.2863901	.0053123	-.000367	50.82184	1.353152	-.000386
#2	.2248263	.2857691	.0054584	-.000546	50.52897	1.318773	-.000650
#3	.3094382	.2882003	.0064244	-.000357	50.80681	1.330622	-.001306

Sample Name: K2940-14DL2X40 Acquired: 05/31/2019 20:56:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0073193	-.001107	.0137157
Stddev	.0009522	.000799	.0000307
%RSD	13.00953	72.20210	.2236286

#1	.0077717	-.000184	.0137511
#2	.0079609	-.001590	.0136982
#3	.0062252	-.001546	.0136977

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.178	3423.622	60994.45	15059.62	4259.339
Stddev	21.426	4.483	217.53	130.23	.945
%RSD	.7891283	.1309465	.3566386	.8647313	.0221944

#1	2738.421	3425.202	61244.70	14924.21	4260.383
#2	2696.215	3427.103	60888.09	15183.96	4259.093
#3	2710.899	3418.563	60850.57	15070.68	4258.541

Sample Name: K2940-21 Acquired: 05/31/2019 18:56:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.031582	.0068820	1.290357	-.006215	.0086707	43.78157	.0807263
Stddev	.022002	.0013174	.018620	.001551	.0010734	.06206	.0000836
%RSD	1.082984	19.14307	1.442981	24.95618	12.37991	.1417443	.1035714

#1	2.035562	.0057614	1.304476	-.005914	.0090984	43.77800	.0808223
#2	2.051322	.0083332	1.297338	-.007895	.0094644	43.84534	.0806866
#3	2.007862	.0065512	1.269255	-.004837	.0074494	43.72138	.0806699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142624	.0336705	109.4986	.0304015	.0231309	3.309785	37.03942
Stddev	.0000975	.0005125	.1367	.0002209	.0004055	.001945	.00522
%RSD	.6837276	1.522157	.1248514	.7266895	1.752881	.0587787	.0140954

#1	.0142552	.0340226	109.3409	.0306451	.0233031	3.309013	37.03957
#2	.0141688	.0339063	109.5842	.0303450	.0234218	3.311998	37.03413
#3	.0143634	.0330825	109.5707	.0302143	.0226677	3.308345	37.04456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.292478	20.42588	.0302253	-.001586	2.495952	.0871079	1.461284
Stddev	.010155	.08945	.0006771	.000414	.185198	.0009585	.018206
%RSD	.1918760	.4379012	2.240210	26.10078	7.419916	1.100406	1.245919

#1	5.281699	20.36018	.0308640	-.001536	2.331022	.0861259	1.451629
#2	5.293870	20.38972	.0302965	-.002023	2.696301	.0880411	1.482285
#3	5.301865	20.52775	.0295154	-.001200	2.460534	.0871567	1.449940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.19071	21.66586	.1246096	.0006905	1204.493	42.45481	-.002926
Stddev	.05835	.29587	.0018176	.0002291	15.476	.46034	.000394
%RSD	.2890026	1.365603	1.458665	33.17420	1.284889	1.084308	13.45407

#1	20.23331	21.78286	.1255338	.0009233	1215.169	42.51542	-.002473
#2	20.12420	21.88535	.1257794	.0006829	1211.566	41.96716	-.003186
#3	20.21460	21.32939	.1225155	.0004654	1186.744	42.88184	-.003120

Sample Name: K2940-21 Acquired: 05/31/2019 18:56:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA080D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3153415	.0155357	.7162333
Stddev	.0014339	.0002791	.0013142
%RSD	.4547039	1.796386	.1834879

#1	.3156782	.0152751	.7176460
#2	.3165771	.0155018	.7150470
#3	.3137693	.0158302	.7160069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.649	3880.209	68541.92	16537.70	4452.462
Stddev	16.849	47.950	268.32	129.10	60.484
%RSD	.5546699	1.235753	.3914728	.7806512	1.358441

#1	3047.097	3835.023	68401.63	16523.24	4396.153
#2	3018.196	3875.092	68372.83	16673.43	4444.836
#3	3047.653	3930.512	68851.31	16416.44	4516.398

Sample Name: K2941-07 Acquired: 05/31/2019 19:08:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1325769	.0037163	.4509223	-.004742	.0027239	5.432749	.0448819
Stddev	.0022020	.0008180	.0009078	.000440	.0004943	.016347	.0002723
%RSD	1.660933	22.01073	.2013308	9.277507	18.14509	.3008929	.6066859

#1	.1301162	.0031204	.4508271	-.004377	.0032500	5.424874	.0451800
#2	.1343620	.0046489	.4518740	-.005230	.0026524	5.451542	.0448191
#3	.1332523	.0033796	.4500658	-.004618	.0022693	5.421830	.0446464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088877	.0058596	37.75108	.0354990	.0357311	.3388283	13.33397
Stddev	.0000966	.0000667	.12460	.0003103	.0000378	.0016313	.03250
%RSD	1.087256	1.138317	.3300442	.8741899	.1058478	.4814468	.2437616

#1	.0088914	.0057866	37.60722	.0355690	.0356878	.3371432	13.29676
#2	.0087893	.0058749	37.82466	.0357683	.0357579	.3403999	13.34834
#3	.0089824	.0059173	37.82135	.0351596	.0357474	.3389418	13.35681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.458331	6.285024	.0121666	-.000187	2.844747	.2841535	.5689761
Stddev	.008312	.046611	.0001558	.000409	.072626	.0012315	.0085267
%RSD	.5699813	.7416162	1.280606	219.4409	2.552995	.4333782	1.498609

#1	1.448921	6.247962	.0122161	-.000210	2.900055	.2855047	.5718281
#2	1.461399	6.337354	.0122917	-.000583	2.762501	.2830943	.5757112
#3	1.464673	6.269757	.0119921	.000234	2.871686	.2838614	.5593889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.889631	2.364186	.2834666	.0003801	1316.208	13.32989	-.001459
Stddev	.016991	.005738	.0019637	.0000184	2.540	.05457	.000728
%RSD	.4368269	.2427086	.6927297	4.844780	.1930054	.4094141	49.91199

#1	3.879269	2.368281	.2813544	.0003766	1314.941	13.29468	-.002157
#2	3.880383	2.366649	.2838084	.0003637	1319.133	13.30223	-.000704
#3	3.909240	2.357628	.2852369	.0004000	1314.551	13.39276	-.001515

Sample Name: K2941-07 Acquired: 05/31/2019 19:08:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA106 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0243819	.0004286	.2277535
Stddev	.0003952	.0001455	.0002272
%RSD	1.620847	33.94205	.0997583

#1	.0247580	.0002933	.2276679
#2	.0239700	.0004099	.2280111
#3	.0244179	.0005824	.2275815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.589	4386.712	78472.71	19221.13	4369.607
Stddev	21.513	7.988	266.20	69.27	4.578
%RSD	.6168377	.1821063	.3392234	.3603724	.1047754

#1	3469.244	4382.699	78453.85	19184.55	4372.984
#2	3482.257	4381.526	78216.44	19301.02	4364.396
#3	3511.266	4395.912	78747.83	19177.82	4371.441

Sample Name: K2940-10DLX5 Acquired: 05/31/2019 20:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3466311	.0004771	.0673412	-.004609	.0000010	5.094448	.0216287
Stddev	.0037122	.0014050	.0002823	.002274	.0003521	.018078	.0004930
%RSD	1.070942	294.4561	.4191908	49.32640	36323.88	.3548511	2.279389

#1	.3458122	.0014142	.0673003	-.004448	.0002765	5.083428	.0221726
#2	.3433967	-.001138	.0676417	-.006959	.0001221	5.084604	.0215021
#3	.3506844	.001155	.0670816	-.002421	-.000396	5.115311	.0212113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010204	.0051862	7.086098	-.002032	.0124401	.2081047	7.753929
Stddev	.0000107	.0002140	.071610	.000120	.0002585	.0009270	.050808
%RSD	1.047651	4.126083	1.010568	5.925769	2.077935	.4454578	.6552570

#1	.0010117	.0049587	7.046340	-.001953	.0121487	.2090485	7.751774
#2	.0010324	.0052165	7.043187	-.002170	.0125297	.2071954	7.704233
#3	.0010172	.0053835	7.168765	-.001972	.0126418	.2080703	7.805781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.27073	1.418375	.0080521	.0210881	1.033905	.0136517	.9385313
Stddev	.20677	.008168	.0003105	.0005663	.235983	.0008358	.0050988
%RSD	.8885247	.5758771	3.856754	2.685303	22.82446	6.122686	.5432732

#1	23.15933	1.415629	.0078543	.0215115	.767978	.0128189	.9407869
#2	23.14355	1.411934	.0078920	.0213080	1.218349	.0136457	.9421133
#3	23.50931	1.427562	.0084101	.0204449	1.115389	.0144905	.9326938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.359436	1.519068	.1027721	.0006274	323.7285	4.153672	-.001377
Stddev	.034184	.015779	.0007344	.0003203	2.5101	.015601	.001296
%RSD	.7841276	1.038745	.7145411	51.04472	.7753653	.3755977	94.12708

#1	4.332077	1.502891	.1021669	.0006338	321.0213	4.141742	-.002864
#2	4.397756	1.519898	.1025603	.0003040	324.1852	4.147948	-.000780
#3	4.348476	1.534416	.1035891	.0009445	325.9788	4.171327	-.000487

Sample Name: K2940-10DLX5 Acquired: 05/31/2019 20:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0394776	.0008734	.2007160
Stddev	.0009619	.0012293	.0001803
%RSD	2.436488	140.7495	.0898480

#1	.0397858	.0014264	.2006613
#2	.0383994	.0017290	.2009173
#3	.0402476	-.000535	.2005693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.104	3335.967	59193.06	14163.95	4052.250
Stddev	21.445	6.494	260.01	22.02	14.834
%RSD	.8064672	.1946663	.4392494	.1554324	.3660579

#1	2641.715	3343.233	59072.98	14186.52	4069.324
#2	2652.531	3330.729	59014.80	14162.78	4044.887
#3	2683.066	3333.940	59491.41	14142.54	4042.538

Sample Name: K2940-04DLX5 Acquired: 05/31/2019 20:16:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1118698	.0026239	.4150089	-.005121	.0003914	3.385319	.0116493
Stddev	.0038960	.0010155	.0017446	.001723	.0004555	.043762	.0010281
%RSD	3.482610	38.70364	.4203727	33.64835	116.3702	1.292712	8.825056

#1	.1150413	.0027929	.4131015	-.003670	.0002119	3.435624	.0127790
#2	.1130472	.0035443	.4165238	-.007025	.0000530	3.364306	.0107687
#3	.1075209	.0015344	.4154015	-.004668	.0009093	3.356025	.0114001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057169	.0644721	34.78741	-.000912	.0140190	.9749004	15.70213
Stddev	.0000193	.0004220	.42902	.000311	.0002493	.0123030	.16460
%RSD	.3368645	.6545161	1.233265	34.08767	1.778451	1.261978	1.048261

#1	.0057002	.0647366	35.28106	-.001264	.0137685	.9880443	15.88273
#2	.0057127	.0646943	34.57651	-.000797	.0142671	.9729967	15.66310
#3	.0057380	.0639855	34.50466	-.000675	.0140212	.9636601	15.56055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.796167	3.661926	.0427917	.0348953	1.082292	.0094644	15.04951
Stddev	.083846	.021753	.0003204	.0002849	.098065	.0005970	.04065
%RSD	1.075477	.5940435	.7486957	.8165111	9.060898	6.308159	.2701155

#1	7.891769	3.686937	.0429051	.0349286	.997027	.0093003	15.03234
#2	7.761609	3.651426	.0430400	.0351622	1.060394	.0101263	15.02026
#3	7.735123	3.647414	.0424300	.0345953	1.189455	.0089665	15.09593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.143626	4.112112	.0970023	.0025952	320.1349	12.25062	-.002610
Stddev	.043363	.036592	.0035686	.0005289	1.9297	.09101	.001757
%RSD	.8430390	.8898692	3.678828	20.37970	.6027791	.7428929	67.30108

#1	5.188068	4.127893	.1011187	.0023642	320.8205	12.35546	-.003989
#2	5.141381	4.138165	.0951061	.0022211	321.6282	12.19196	-.000632
#3	5.101430	4.070277	.0947822	.0032003	317.9560	12.20444	-.003209

Sample Name: K2940-04DLX5 Acquired: 05/31/2019 20:16:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA018 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023648	.0016487	1.132799
Stddev	.0008160	.0001224	.011358
%RSD	34.50551	7.426358	1.002643

#1	.0032701	.0017894	1.145092
#2	.0016858	.0015902	1.130611
#3	.0021385	.0015664	1.122695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.212	3580.527	63781.69	15388.32	4151.386
Stddev	13.294	31.533	44.45	138.84	44.415
%RSD	.4660797	.8806825	.0696867	.9022429	1.069875

#1	2863.557	3550.553	63731.39	15232.30	4111.579
#2	2855.495	3577.611	63798.05	15434.42	4143.286
#3	2837.585	3613.416	63815.64	15498.25	4199.293

Sample Name: K2941-06 Acquired: 05/31/2019 19:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2305647	.0096691	.1068801	-.006321	-.001221	17.46815	.1016796
Stddev	.0011929	.0009208	.0030524	.001124	.001162	.01676	.0005598
%RSD	.5173881	9.522939	2.855892	17.78265	95.14658	.0959521	.5505760

#1	.2314790	.0104554	.1065702	-.007161	.000094	17.48010	.1010866
#2	.2292153	.0098957	.1039944	-.005044	-.002109	17.44899	.1021989
#3	.2309998	.0086561	.1100755	-.006759	-.001648	17.47535	.1017532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084071	.0181976	90.67435	.0057811	.0261928	.4866259	12.48393
Stddev	.0001219	.0001529	.33074	.0005384	.0003787	.0052188	.05554
%RSD	1.449645	.8400240	.3647516	9.312814	1.445771	1.072436	.4449125

#1	.0083093	.0183718	90.98884	.0056264	.0260822	.4920914	12.52326
#2	.0085436	.0180859	90.32947	.0063799	.0258817	.4860911	12.42039
#3	.0083683	.0181351	90.70473	.0053370	.0266145	.4816951	12.50813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061266	14.23465	.0287966	-.000397	2.894952	.0441475	.9247504
Stddev	.016545	.04784	.0001488	.000225	.020347	.0008083	.0121017
%RSD	.4073735	.3361114	.5166595	56.63533	.7028550	1.830974	1.308646

#1	4.079030	14.27741	.0289147	-.000431	2.885775	.0432928	.9386733
#2	4.046297	14.24358	.0288456	-.000157	2.880809	.0448997	.9188207
#3	4.058471	14.18297	.0286295	-.000603	2.918271	.0442501	.9167570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27115	13.75021	.2468659	.0000011	1143.349	24.04997	-.003970
Stddev	.13194	.02612	.0050313	.0004232	2.490	.27741	.000575
%RSD	.9245276	.1899655	2.038054	39731.28	.2178250	1.153476	14.47140

#1	14.41677	13.76495	.2416809	.0003582	1145.868	23.73681	-.004249
#2	14.15956	13.76563	.2471890	-.000466	1143.289	24.14824	-.004353
#3	14.23711	13.72005	.2517278	.000111	1140.888	24.26488	-.003310

Sample Name: K2941-06 Acquired: 05/31/2019 19:44:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2057598	.0068807	.5735968
Stddev	.0001655	.0006082	.0016648
%RSD	.0804360	8.839996	.2902398

#1	.2059166	.0062100	.5753550
#2	.2055868	.0073966	.5720446
#3	.2057760	.0070354	.5733909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.430	3735.622	66457.16	15921.89	4412.440
Stddev	21.157	7.253	527.10	149.44	10.959
%RSD	.7129780	.1941571	.7931445	.9385679	.2483638

#1	2946.482	3727.280	65898.61	16067.97	4401.671
#2	2988.790	3740.442	66945.85	15928.39	4412.071
#3	2967.019	3739.143	66527.03	15769.31	4423.580

Sample Name: K2940-08DLX5 Acquired: 05/31/2019 20:20:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3952337	.0023781	.0048139	-.005897	.0003562	3.348603	.0172963
Stddev	.0042950	.0011234	.0016112	.001253	.0013787	.005917	.0007151
%RSD	1.086690	47.24196	33.46998	21.25008	387.0752	.1766892	4.134520

#1	.3906935	.0027727	.0055353	-.006163	-.001198	3.355250	.0164893
#2	.3957756	.0011105	.0029680	-.004533	.000834	3.346643	.0178513
#3	.3992320	.0032509	.0059384	-.006996	.001433	3.343914	.0175483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010023	.0019832	18.88841	-.002059	.0194919	.0870543	27.22017
Stddev	.0000352	.0000073	.05909	.000188	.0002303	.0022146	.09426
%RSD	3.511032	.3657883	.3128244	9.135753	1.181404	2.543900	.3462714

#1	.0010193	.0019811	18.95245	-.002044	.0193896	.0895972	27.31767
#2	.0009618	.0019913	18.83601	-.002255	.0193305	.0855492	27.21330
#3	.0010256	.0019772	18.87676	-.001880	.0197556	.0860166	27.12953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.56968	.5385570	.0152565	.0026929	1.249220	.0451042	.4696546
Stddev	.07700	.0281585	.0003590	.0003460	.057334	.0024979	.0045330
%RSD	.4382455	5.228508	2.353030	12.84891	4.589589	5.538017	.9651666

#1	17.65825	.5462559	.0156576	.0023240	1.251196	.0477172	.4699805
#2	17.51860	.5620652	.0151462	.0030103	1.305540	.0427401	.4740158
#3	17.53220	.5073498	.0149655	.0027443	1.190923	.0448553	.4649675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.343815	3.669075	.1149097	.0004778	305.5515	1.548058	-.001964
Stddev	.063943	.010919	.0008695	.0003668	.7051	.008966	.000451
%RSD	4.758312	.2975871	.7566538	76.75777	.2307794	.5791891	22.96405

#1	1.344697	3.660907	.1139466	.0008389	305.2738	1.537769	-.001554
#2	1.407312	3.681476	.1156368	.0004890	306.3532	1.552211	-.002447
#3	1.279435	3.664841	.1151457	.0001056	305.0275	1.554196	-.001891

Sample Name: K2940-08DLX5 Acquired: 05/31/2019 20:20:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA040 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007644	.0005442	.0344388
Stddev	.0015892	.0006271	.0001715
%RSD	207.8950	115.2358	.4980416

#1	-.001042	.0002779	.0346245
#2	.001946	.0000942	.0344055
#3	.001389	.0012605	.0342864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.126	3386.117	60052.74	14425.41	4160.890
Stddev	27.235	8.923	355.22	50.09	14.213
%RSD	1.011644	.2635044	.5915059	.3472217	.3415859

#1	2681.512	3382.234	60062.77	14472.17	4164.121
#2	2671.797	3379.794	59692.61	14372.55	4145.340
#3	2723.070	3396.323	60402.83	14431.49	4173.210

Sample Name: K2941-01 Acquired: 05/31/2019 19:24:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2276778	.0073863	.1307947	-.007346	.0056577	7.091318	.0590291
Stddev	.0015295	.0019810	.0008461	.001900	.0002772	.022274	.0007979
%RSD	.6717728	26.81984	.6468924	25.86166	4.900042	.3141029	1.351643

#1	.2294186	.0092980	.1298493	-.008854	.0054065	7.071072	.0599345
#2	.2265494	.0075182	.1310539	-.005212	.0059552	7.115178	.0584286
#3	.2270654	.0053426	.1314809	-.007972	.0056115	7.087705	.0587243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003963	.0020585	2.279625	-.004702	.0048434	.0869873	22.79312
Stddev	.0000320	.0000471	.026587	.000103	.0001958	.0018643	.20507
%RSD	8.064589	2.290064	1.166301	2.183843	4.043253	2.143128	.8996813

#1	.0003726	.0020064	2.254250	-.004586	.0047844	.0864388	22.57897
#2	.0003835	.0020711	2.307278	-.004781	.0046839	.0890642	22.98769
#3	.0004326	.0020981	2.277348	-.004740	.0050620	.0854588	22.81270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16459	.3793711	.0019582	.0330769	4.802567	.0038200	.8177145
Stddev	.16822	.0042157	.0002376	.0005400	.198613	.0006760	.0041468
%RSD	1.109277	1.111234	12.13200	1.632563	4.135561	17.69542	.5071220

#1	15.00276	.3748301	.0022103	.0330592	4.800280	.0044578	.8153154
#2	15.33854	.3831604	.0017384	.0336255	5.002314	.0038909	.8153253
#3	15.15248	.3801227	.0019260	.0325459	4.605108	.0031114	.8225029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.149645	.5787520	.4294536	-.000910	1149.476	4.259219	-.000819
Stddev	.062013	.0026476	.0052630	.000180	2.217	.047405	.001252
%RSD	1.494428	.4574639	1.225513	19.82656	.1928613	1.113005	152.8916

#1	4.169020	.5759546	.4246946	-.000955	1146.916	4.225368	.000595
#2	4.199659	.5790827	.4351062	-.001063	1150.734	4.313398	-.001787
#3	4.080258	.5812187	.4285600	-.000711	1150.777	4.238891	-.001265

Sample Name: K2941-01 Acquired: 05/31/2019 19:24:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0040417	-.003706	.0410142
Stddev	.0005807	.000247	.0000393
%RSD	14.36878	6.668946	.0958411

#1	.0033914	-.003986	.0409689
#2	.0045087	-.003615	.0410343
#3	.0042250	-.003517	.0410394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.997	3961.234	69984.83	16855.87	4406.238
Stddev	10.516	12.863	106.64	118.17	9.370
%RSD	.3330095	.3247335	.1523708	.7010696	.2126565

#1	3147.915	3964.852	70096.23	16980.06	4413.426
#2	3168.900	3971.901	69974.58	16744.81	4409.647
#3	3157.174	3946.949	69883.69	16842.75	4395.640

Sample Name: K2940-14DLX20 Acquired: 05/31/2019 20:36:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323098	.0004341	.0147717	-.007087	-.000069	1.616590
Stddev	.0023056	.0003869	.0018030	.001655	.000575	.016492
%RSD	1.742574	89.11988	12.20544	23.35119	831.5670	1.020174

#1	.1304275	.0000306	.0133704	-.006164	-.000094	1.620202
#2	.1316205	.0008019	.0168057	-.008998	-.000631	1.598592
#3	.1348814	.0004698	.0141389	-.006100	.000518	1.630977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034382	.0000662	.0047637	3.019826	-.005377	.0056942
Stddev	.0007537	.0000893	.0000548	.045989	.000187	.0003503
%RSD	21.92184	134.8403	1.151229	1.522891	3.471303	6.152760

#1	.0028060	.0000657	.0048081	3.046084	-.005207	.0053795
#2	.0042723	.0001557	.0047024	2.966724	-.005349	.0060717
#3	.0032365	-.000023	.0047806	3.046670	-.005577	.0056314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1339829	11.18728	F 30.63209	.9725135	.0043381	.0040449
Stddev	.0019857	.14418	.44092	.0197886	.0002993	.0001207
%RSD	1.482049	1.288791	1.439419	2.034793	6.900060	2.983599

#1	.1362685	11.22661	30.78504	.9952923	.0042415	.0039058
#2	.1329990	11.02752	30.13505	.9595631	.0040989	.0041227
#3	.1326813	11.30772	30.97617	.9626853	.0046737	.0041061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1993360	.0157787	1.079904	.5678994	.6030943	.0180182
Stddev	.1164253	.0011588	.004280	.0222672	.0021686	.0015450
%RSD	58.40658	7.344272	.3963296	3.920977	.3595698	8.574430

#1	.2434841	.0166329	1.076309	.5834028	.6013003	.0172887
#2	.0672934	.0162436	1.084638	.5423836	.6055042	.0169731
#3	.2872303	.0144596	1.078764	.5779118	.6024786	.0197929

Sample Name: K2940-14DLX20 Acquired: 05/31/2019 20:36:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA062 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001099	104.5694	2.818885	-.001067	.0177024	.0011371
Stddev	.000309	.2065	.040229	.000420	.0000670	.0004928
%RSD	28.09073	.1974381	1.427125	39.36699	.3785003	43.33538

#1	-.001101	104.7066	2.840298	-.001544	.0176455	.0016980
#2	-.000789	104.6696	2.772479	-.000902	.0177762	.0007738
#3	-.001407	104.3320	2.843878	-.000754	.0176855	.0009395

Elem	Sr4077
Units	ppm
Avg	.0286247
Stddev	.0002565
%RSD	.8961119

#1	.0286122
#2	.0283747
#3	.0288873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.312	3293.197	58953.52	14428.84	4103.307
Stddev	23.325	12.867	460.23	160.82	17.947
%RSD	.8911751	.3907001	.7806669	1.114548	.4373766

#1	2607.342	3278.530	58938.75	14300.87	4085.348
#2	2600.628	3302.585	58500.85	14609.36	4103.332
#3	2643.964	3298.474	59420.95	14376.30	4121.242

Sample Name: K2940-15DLX40 Acquired: 05/31/2019 20:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996160	-.001352	.0007765	-.002330	-.000924	1.008309	-.000745
Stddev	.0034127	.002304	.0017564	.000839	.000826	.003105	.000922
%RSD	3.425856	170.4575	226.1804	36.01039	89.30369	.3079328	123.7844

#1	.1035554	.000057	.0004993	-.002385	-.001175	1.011720	-.001793
#2	.0975607	-.004011	-.000825	-.003140	-.001596	1.005647	-.000062
#3	.0977319	-.000102	.002655	-.001465	-.000003	1.007560	-.000379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001250	.0010664	4.940176	-.003368	.0037603	.0218424	2.996445
Stddev	.0000585	.0000241	.031532	.000439	.0002209	.0009729	.032374
%RSD	46.83923	2.256466	.6382694	13.02152	5.874438	4.454129	1.080426

#1	.0001457	.0010939	4.960802	-.003596	.0039624	.0207880	3.027393
#2	.0000589	.0010564	4.955847	-.003645	.0035245	.0227053	2.999129
#3	.0001703	.0010490	4.903879	-.002862	.0037938	.0220340	2.962811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.27693	.4434683	.0028956	.0052154	-.107713	.0037451	.7265489
Stddev	.17398	.0070872	.0005202	.0004049	.107199	.0005352	.0058836
%RSD	1.007025	1.598131	17.96473	7.763758	99.52283	14.29160	.8098064

#1	17.37885	.4514787	.0029743	.0054751	-.064681	.0031414	.7329864
#2	17.37590	.4380130	.0033719	.0047488	-.028716	.0041616	.7252107
#3	17.07604	.4409131	.0023405	.0054222	-.229741	.0039323	.7214497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047135	.1062435	.0110020	.0003020	53.09054	.1431769	-.001981
Stddev	.0688837	.0011492	.0005173	.0003291	.24415	.0016621	.000118
%RSD	1461.417	1.081687	4.701870	108.9811	.4598825	1.160862	5.964580

#1	.0640035	.1053120	.0104070	.0000102	53.36709	.1426046	-.002008
#2	-.070850	.1058907	.0113451	.0006587	52.90481	.1450496	-.001852
#3	.020987	.1075277	.0112540	.0002370	52.99973	.1418766	-.002084

Sample Name: K2940-15DLX40 Acquired: 05/31/2019 20:48:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MHA063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005042	.0001310	.0009723
Stddev	.0004225	.0011473	.0001155
%RSD	83.79354	875.5992	11.88238

#1	.0004574	-.000069	.0008424
#2	.0001071	.001365	.0010637
#3	.0009482	-.000903	.0010107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.896	3397.093	59758.15	14685.13	4234.261
Stddev	16.815	15.862	330.00	155.71	11.397
%RSD	.6355296	.4669174	.5522325	1.060344	.2691572

#1	2626.896	3381.553	59377.32	14522.83	4222.189
#2	2651.933	3413.257	59937.16	14699.27	4244.834
#3	2658.860	3396.470	59959.96	14833.29	4235.759

Sample Name: K2940-16DL2X100 Acquired: 05/31/2019 21:02:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055127	.0004049	.0352425	-.007342	-.001233	.1705120
Stddev	.0021225	.0004872	.0017253	.001867	.000892	.0071797
%RSD	38.50242	120.3401	4.895360	25.42263	72.32677	4.210685

#1	.0069606	.0003530	.0337653	-.005561	-.002242	.1758210
#2	.0065014	-.000054	.0348235	-.007181	-.000909	.1733719
#3	.0030762	.000916	.0371386	-.009284	-.000549	.1623430

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000876	-.001234	.0019006	1.015193	-.007701	.0002384
Stddev	.001363	.000024	.0001594	.007779	.000871	.0004182
%RSD	155.5908	1.940092	8.389260	.7662838	11.31508	175.4409

#1	.000634	-.001252	.0020807	1.019240	-.008707	.0001426
#2	-.002015	-.001244	.0018437	1.020115	-.007217	.0006962
#3	-.001248	-.001207	.0017774	1.006225	-.007179	-.000124

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289363	2.412613	F 44.61864	.4450619	.0002137	.0081293
Stddev	.0009094	.006010	.16410	.0189587	.0002188	.0002408
%RSD	3.142692	.2491109	.3677776	4.259797	102.4061	2.961737

#1	.0278866	2.409808	44.78738	.4393501	.0004645	.0083247
#2	.0294835	2.408519	44.45962	.4296157	.0000620	.0082030
#3	.0294390	2.419513	44.60891	.4662198	.0001146	.0078604

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227515	.0032385	.6532016	.0243947	.0067737	-.001905
Stddev	.2918314	.0016072	.0074787	.0467785	.0022517	.000413
%RSD	237.7416	49.62756	1.144927	191.7568	33.24177	21.70752

#1	-.213286	.0015102	.6448622	.0166212	.0079192	-.001951
#2	.268983	.0046880	.6593132	.0745729	.0082224	-.002293
#3	.312557	.0035172	.6554296	-.018010	.0041796	-.001470

Sample Name: K2940-16DL2X100 Acquired: 05/31/2019 21:02:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000912	22.00413	.3752358	-.000934	-.000323	-.001026
Stddev	.000108	.03380	.0030045	.000328	.000821	.000508
%RSD	11.87600	.1536186	.8007052	35.08467	254.2068	49.48148
#1	-.001032	21.96641	.3786883	-.001312	-.000317	-.000556
#2	-.000822	22.03168	.3738056	-.000757	.000495	-.001565
#3	-.000880	22.01430	.3732136	-.000733	-.001147	-.000958

Elem	Sr4077
Units	ppm
Avg	.0016893
Stddev	.0000261
%RSD	1.547034
#1	.0017192
#2	.0016712
#3	.0016773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.484	3319.323	58387.92	14400.70	4080.290
Stddev	7.712	5.332	156.96	130.23	10.849
%RSD	.2946152	.1606374	.2688163	.9043221	.2658966
#1	2619.926	3313.705	58239.90	14250.92	4067.854
#2	2608.848	3324.313	58552.50	14464.07	4087.818
#3	2623.680	3319.951	58371.36	14487.12	4085.199

Sample Name: K2940-16DL3X200 Acquired: 05/31/2019 21:08:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000258	-.000901	.0133065	-.004520	-.001448	.0708917	-.000869
Stddev	.0024141	.001773	.0020046	.003609	.000465	.0044118	.000559
%RSD	9354.566	196.6615	15.06497	79.85904	32.08776	6.223346	64.34507

#1	.0025386	.001052	.0143635	-.000403	-.001689	.0759598	-.001502
#2	-.002276	-.001349	.0145614	-.006018	-.000912	.0679104	-.000442
#3	-.000186	-.002407	.0109946	-.007139	-.001742	.0688050	-.000662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000512	.0007561	.4100047	-.003796	-.000150	.0104583	.9890971
Stddev	.000024	.0001139	.0107970	.000552	.000041	.0011214	.0134449
%RSD	4.775552	15.06587	2.633394	14.55338	27.48182	10.72254	1.359306

#1	-.000487	.0008775	.4075304	-.004380	-.000110	.0117190	.9735819
#2	-.000514	.0007391	.4006595	-.003728	-.000149	.0095721	.9963812
#3	-.000535	.0006516	.4218241	-.003281	-.000192	.0100837	.9973281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.33274	.1670444	.0002992	.0032250	-.006547	.0022662	.2652519
Stddev	.10710	.0212951	.0000859	.0003180	.088663	.0011167	.0028490
%RSD	.5841861	12.74816	28.69083	9.861473	1354.192	49.27654	1.074069

#1	18.34481	.1528011	.0003586	.0028727	.046469	.0013039	.2619717
#2	18.43329	.1568073	.0002008	.0034910	-.108905	.0034907	.2666752
#3	18.22012	.1915248	.0003383	.0033112	.042794	.0020041	.2671087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042981	.0010280	-.005947	-.000686	8.958140	.1504033	-.001382
Stddev	.009239	.0018439	.001009	.000356	.034049	.0022232	.001074
%RSD	21.49572	179.3649	16.95998	51.91634	.3800918	1.478134	77.70252

#1	-.039233	.0018579	-.006347	-.000407	8.933862	.1528249	-.002351
#2	-.053505	-.001085	-.006694	-.000564	8.943497	.1484547	-.001567
#3	-.036205	.002311	-.004800	-.001087	8.997061	.1499305	-.000227

Sample Name: K2940-16DL3X200 Acquired: 05/31/2019 21:08:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MHA064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000886	-.000820	.0006896
Stddev	.000461	.001334	.0000536
%RSD	52.07984	162.7590	7.773912

#1	-.000421	-.000740	.0006587
#2	-.001343	.000473	.0006586
#3	-.000893	-.002191	.0007515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.724	3240.238	57494.93	14237.62	3997.413
Stddev	10.874	10.229	132.85	34.81	11.407
%RSD	.4224919	.3156794	.2310566	.2445136	.2853561

#1	2585.512	3242.514	57583.44	14237.95	4002.903
#2	2564.085	3249.137	57559.17	14202.64	4005.036
#3	2571.575	3229.063	57342.17	14272.27	3984.299

Sample Name: CCV058 Acquired: 05/31/2019 21:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893583	4.944147	25.35752	4.765582	4.944049	413.4230	10.25082
Stddev	.004190	.015300	.04711	.005846	.000735	3.3792	.01638
%RSD	.0856315	.3094562	.1857833	.1226748	.0148742	.8173772	.1597533

#1	4.897092	4.942619	25.37757	4.761084	4.943480	409.5295	10.24049
#2	4.888943	4.929669	25.30370	4.763471	4.943786	415.1461	10.24226
#3	4.894715	4.960154	25.39129	4.772190	4.944879	415.5933	10.26970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5025410	2.490622	423.6150	15.08872	2.577265	15.34776	423.8486
Stddev	.0026836	.005054	3.3774	.01870	.006170	.03445	1.9014
%RSD	.5340130	.2029329	.7972884	.1239381	.2394173	.2244817	.4486143

#1	.5009914	2.490719	423.2109	15.09875	2.575195	15.35162	424.1001
#2	.5009918	2.485520	420.4579	15.10026	2.572395	15.31154	421.8339
#3	.5056398	2.495628	427.1764	15.06714	2.584204	15.38013	425.6117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.35274	414.3478	2.530145	1.277888	412.4267	2.540913	15.33254
Stddev	.09526	2.4839	.004482	.002189	1.9072	.009228	.02643
%RSD	.6205078	.5994695	.1771510	.1713354	.4624271	.3631841	.1723677

#1	15.35152	412.9892	2.531069	1.275490	411.2926	2.538495	15.35325
#2	15.25809	412.8395	2.525273	1.278394	411.3590	2.533135	15.30277
#3	15.44861	417.2146	2.534094	1.279780	414.6286	2.551110	15.34159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.4012	4.759784	5.014374	4.887331	4.722050	5.007240	5.024904
Stddev	.5728	.012698	.041708	.009281	.023319	.029475	.011332
%RSD	.3662448	.2667675	.8317604	.1898975	.4938409	.5886563	.2255105

#1	156.0955	4.751054	4.989084	4.888763	4.701602	4.980294	5.013816
#2	156.0460	4.753948	4.991525	4.877418	4.717101	5.002706	5.024432
#3	157.0620	4.774351	5.062513	4.895813	4.747447	5.038719	5.036465

Sample Name: CCV058 Acquired: 05/31/2019 21:12:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV058 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.062682	5.091075	5.139291
Stddev	.019863	.009058	.032595
%RSD	.3923369	.1779123	.6342220

#1	5.073327	5.087585	5.175049
#2	5.039766	5.084281	5.111243
#3	5.074954	5.101358	5.131580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.416	2848.261	53634.45	13192.32	3519.173
Stddev	5.930	3.633	145.33	53.89	6.442
%RSD	.2637229	.1275527	.2709580	.4085281	.1830442

#1	2250.100	2846.041	53483.45	13209.91	3519.888
#2	2253.321	2852.454	53646.55	13235.22	3525.228
#3	2241.826	2846.288	53773.35	13131.83	3512.404

Sample Name: CCB058 Acquired: 05/31/2019 21:16:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB058 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001308	.0021735	.0005814	.0006260	.0011468	.0000300	-.000435
Stddev	.0016607	.0029863	.0019543	.0000601	.0017769	.0049431	.000143
%RSD	1269.938	137.3988	336.1121	9.593923	154.9449	16499.26	32.80570

#1	-.000886	.0044333	-.001216	.0006558	-.000753	.0037871	-.000335
#2	.002047	.0032993	.002662	.0006653	.001425	.0018726	-.000371
#3	-.000768	-.001212	.000298	.0005569	.002768	-.005570	-.000599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000586	.0000202	-.004255	-.000022	-.000077	-.000815	.0020369
Stddev	.0000156	.0000993	.008621	.000024	.000145	.000984	.0004309
%RSD	26.68702	492.2729	202.6202	108.9281	187.2654	120.6541	21.15448

#1	.0000429	.0001348	-.007277	-.000002	.000088	-.000484	.0025203
#2	.0000742	-.000033	.005471	-.000015	-.000183	-.001921	.0016933
#3	.0000586	-.000042	-.010959	-.000048	-.000138	-.000040	.0018970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002939	.0154078	-.000217	.0002127	-.183240	-.002929	-.000786
Stddev	.0002484	.0171230	.000641	.0000414	.190014	.001262	.000572
%RSD	84.51887	111.1321	296.0922	19.44953	103.6968	43.08735	72.69701

#1	.0000116	.0314054	-.000853	.0002179	-.311082	-.003850	-.001155
#2	.0003910	.0174716	.000429	.0001690	.035108	-.001491	-.000128
#3	.0004791	-.002654	-.000226	.0002513	-.273745	-.003448	-.001076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301807	-.001806	.0021971	-.000017	.0219782	.0000436	-.000092
Stddev	.0431498	.001528	.0008251	.000333	.0041625	.0004662	.000729
%RSD	142.9713	84.64568	37.55302	1962.303	18.93904	1068.822	790.3350

#1	.0523994	-.003174	.0024692	.000345	.0261743	.0002787	.000535
#2	.0576934	-.000156	.0028518	-.000084	.0219101	.0003454	-.000892
#3	-.019551	-.002086	.0012703	-.000312	.0178502	-.000493	.000079

Sample Name: CCB058 Acquired: 05/31/2019 21:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v896) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009720	.0033095	.0000274
Stddev	.0011201	.0001389	.0000541
%RSD	115.2445	4.196089	197.4943

#1	-.000317	.0033485	.0000410
#2	.001712	.0031553	-.000032
#3	.001521	.0034247	.000073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.988	3215.919	56636.18	13742.32	3984.463
Stddev	9.216	10.292	214.14	47.42	1.701
%RSD	.3631032	.3200270	.3781060	.3450771	.0426877

#1	2536.068	3204.829	56709.01	13697.65	3983.645
#2	2529.883	3225.163	56395.12	13737.24	3983.326
#3	2548.012	3217.764	56804.41	13792.08	3986.419