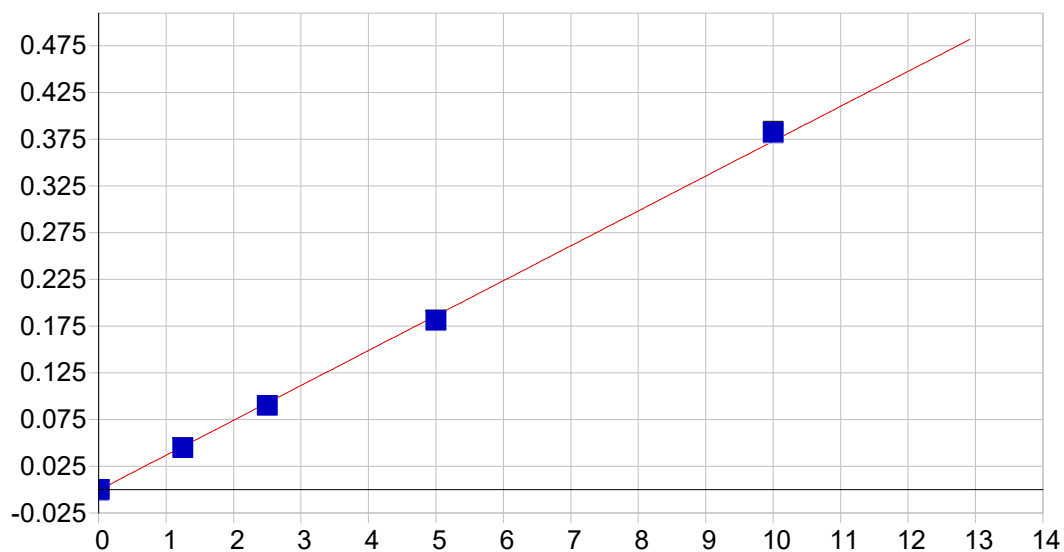


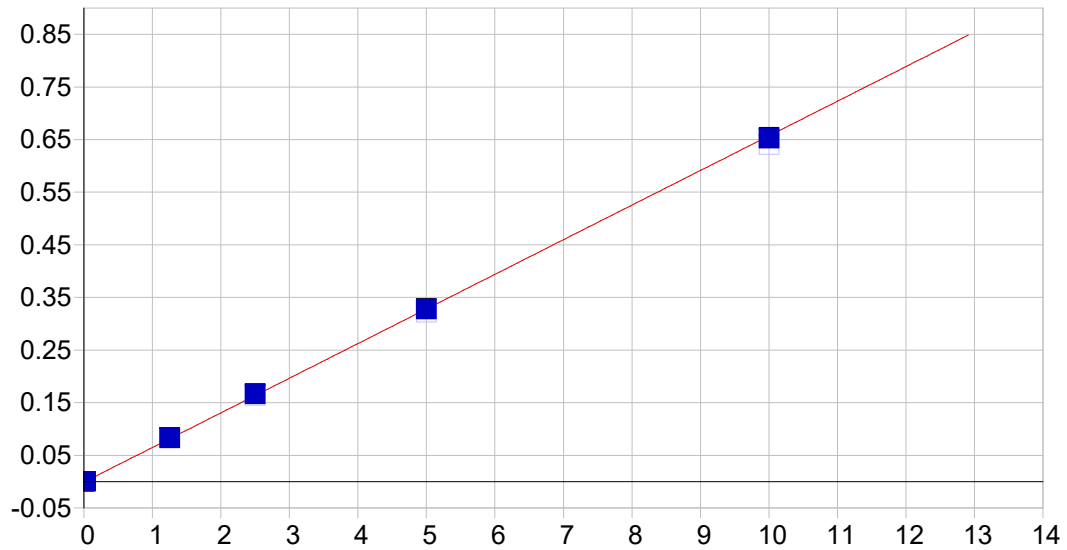


As 189.042 {479}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.037348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003321
 Predicted MQL: 0.011070

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.01000	.00943	-.001	-5.67	-.00017	.000	1
S2	1.2500	1.2111	-.039	-3.11	.04455	.000	1
S3	2.5000	2.4238	-.076	-3.05	.08967	.000	1
S4	5.0000	4.8689	-.131	-2.62	.18066	.000	1
S5	10.000	10.247	.247	2.47	.38085	.001	1

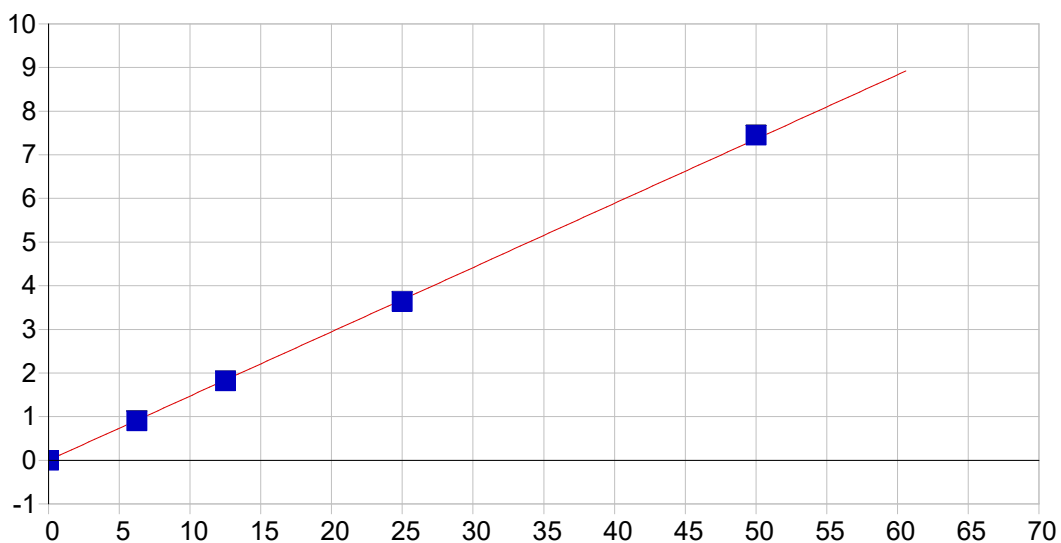


TI 190.856 {477}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000968 Re-Slope: 1.000000
 A1 (Gain): 0.065813 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.001980
 Predicted MQL: 0.006599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.02500	.02571	.001	2.84	.00066	.000	1
S2	1.2500	1.2789	.029	2.31	.08168	.000	1
S3	2.5000	2.5446	.045	1.78	.16347	.000	1
S4	5.0000	4.9974	-.003	-.051	.32186	.001	1
S5	10.000	9.9284	-.072	-.716	.64032	.002	1

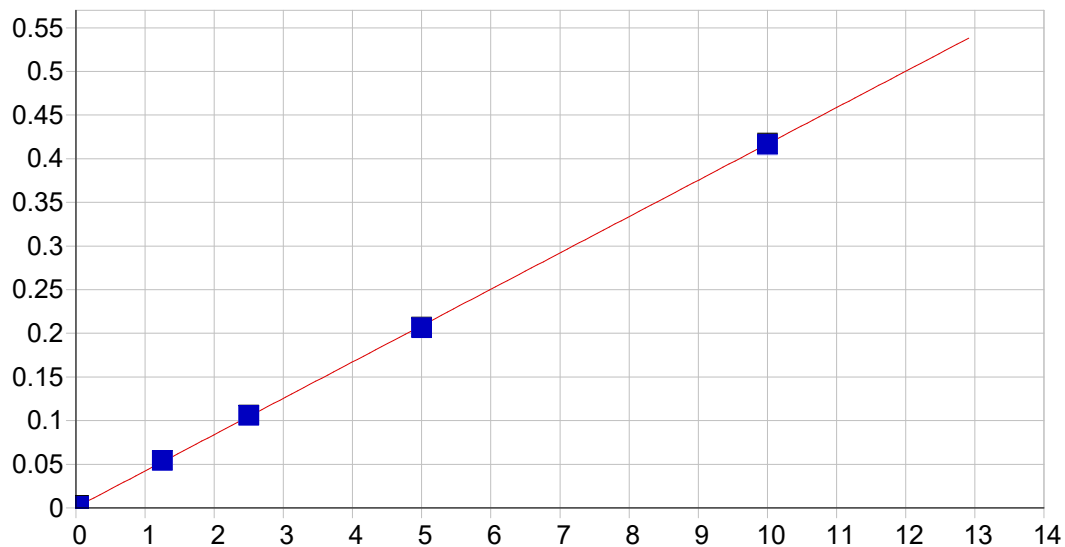


Pb 220.353 {453}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.147206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001877
 Predicted MQL: 0.006255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.00974	-.000	-2.55	.00142	.000	1
S2	6.2500	6.1328	-.117	-1.88	.90268	.002	1
S3	12.500	12.316	-.184	-1.47	1.8128	.004	1
S4	25.000	24.713	-.287	-1.15	3.6375	.007	1
S5	50.000	50.588	.588	1.18	7.4462	.002	1

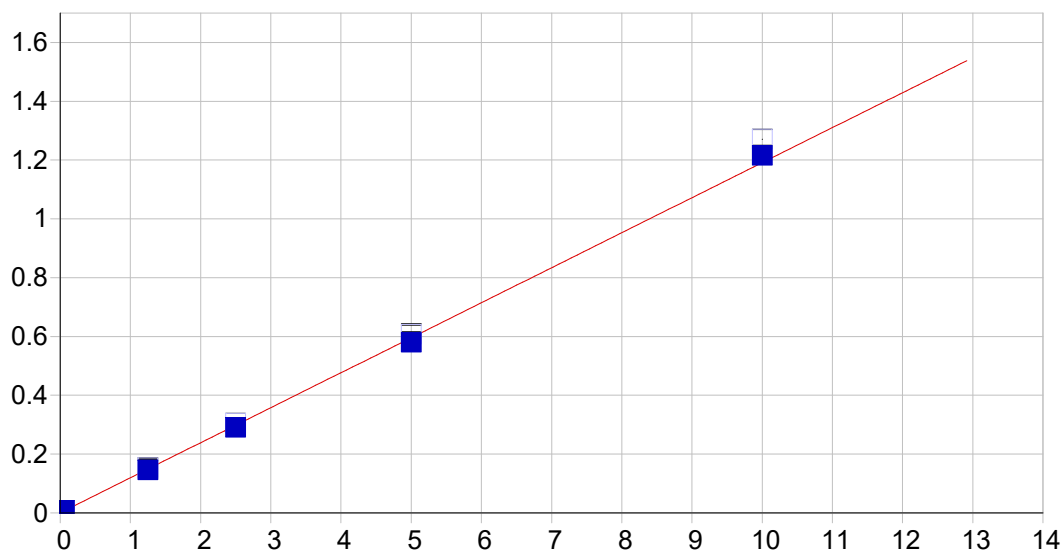


Se 196.090 {472}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000686	Re-Slope:	1.000000
A1 (Gain):	0.041623	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.003526		
Predicted MQL:	0.011754		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00069	.000	1
S1	.03500	.03941	.004	12.6	.00233	.000	1
S2	1.2500	1.2843	.034	2.75	.05401	.000	1
S3	2.5000	2.5272	.027	1.09	.10560	.000	1
S4	5.0000	4.9450	-.055	-1.10	.20597	.001	1
S5	10.000	9.9890	-.011	-.110	.41537	.001	1

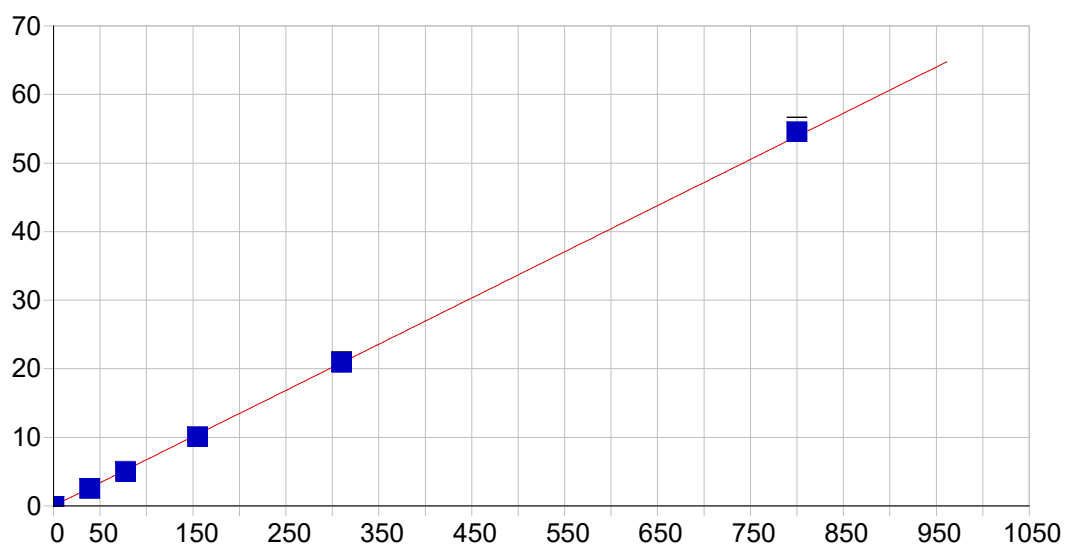


Sb 206.833 {463}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.119059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999678 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.001795
 Predicted MQL: 0.005984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00048	.000	1
S1	.06000	.07391	.014	23.2	.00929	.000	1
S2	1.2500	1.2234	-.027	-2.13	.15298	.000	1
S3	2.5000	2.4384	-.062	-2.46	.30450	.000	1
S4	5.0000	4.8659	-.134	-2.68	.60722	.002	1
S5	10.000	10.209	.209	2.09	1.2708	.001	1

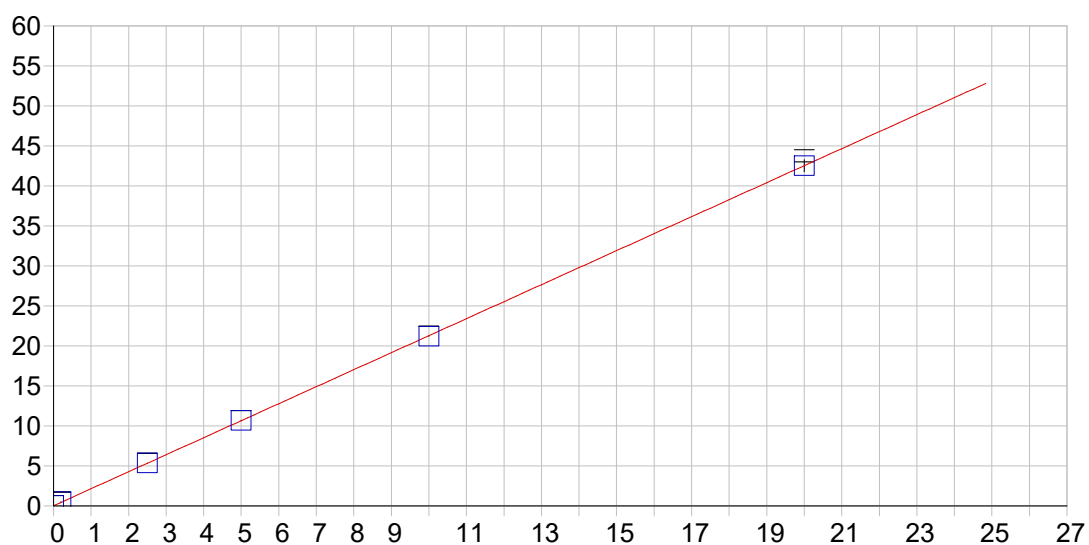


AI 396.152 { 85}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003642 Re-Slope: 1.000000
 A1 (Gain): 0.067366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000791
 Predicted MDL: 0.009579
 Predicted MQL: 0.031929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00364	.000	1
S1	.20000	.19701	-.003	-1.50	.01715	.001	1
S2	38.750	37.244	-1.51	-3.89	2.5178	.011	1
S3	77.500	74.395	-3.11	-4.01	5.0257	.019	1
S4	155.00	149.63	-5.37	-3.46	10.105	.019	1
S5	310.00	310.03	.035	.011	20.931	.111	1
S6	800.00	809.96	9.96	1.25	54.601	.640	1

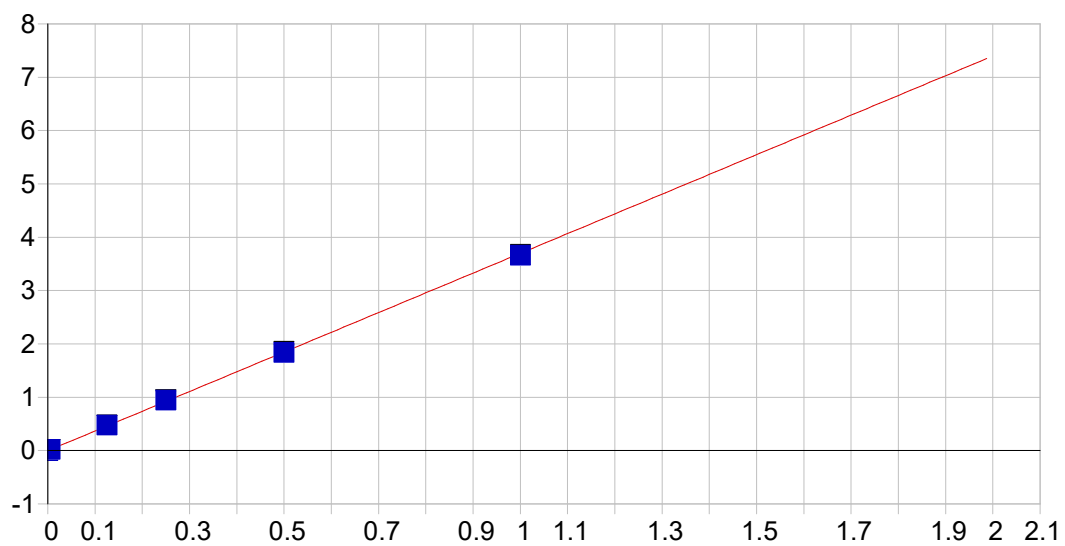


Ba 493.409 { 68}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.024996	Re-Slope:	1.000000
A1 (Gain):	2.125418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.002006		
Predicted MDL:	0.000885		
Predicted MQL:	0.002950		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02495	.002	1
S1	.20000	.22379	.024	11.9	.50065	.002	1
S2	2.5000	2.5051	.005	.205	5.3495	.015	1
S3	5.0000	5.0114	.011	.228	10.676	.014	1
S4	10.000	9.9686	-.031	-.314	21.212	.011	1
S5	20.000	19.991	-.009	-.044	42.514	.769	1

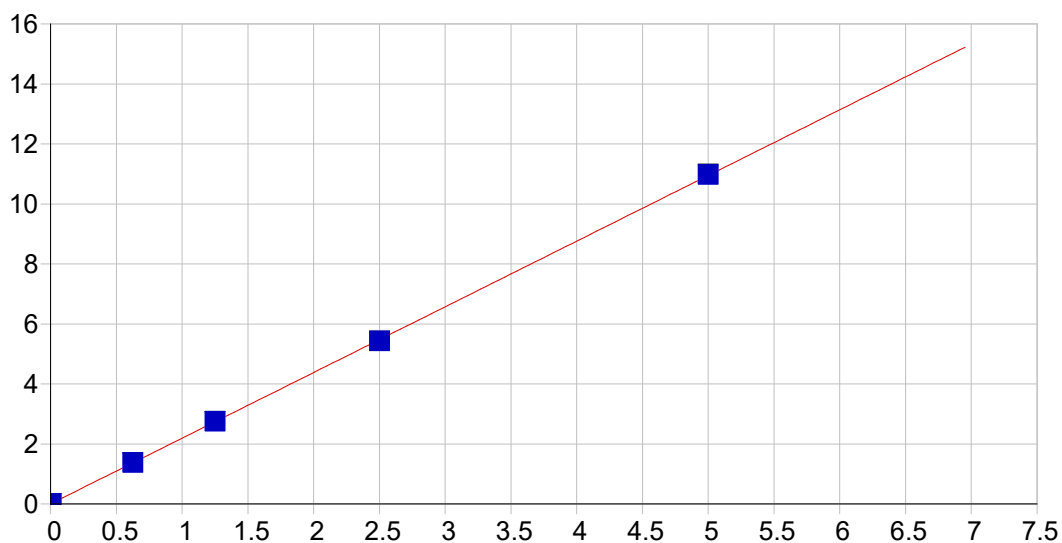


Be 234.861 {144}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003329	Re-Slope:	1.000000
A1 (Gain):	3.701153	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000230		
Predicted MDL:	0.000073		
Predicted MQL:	0.000242		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00333	.000	1
S1	.00500	.00560	.001	12.1	.01740	.000	1
S2	.12500	.12975	.005	3.80	.47534	.002	1
S3	.25000	.25641	.006	2.56	.94260	.013	1
S4	.50000	.49754	-.002	-.493	1.8320	.022	1
S5	1.0000	.99070	-.009	-.930	3.6511	.019	1

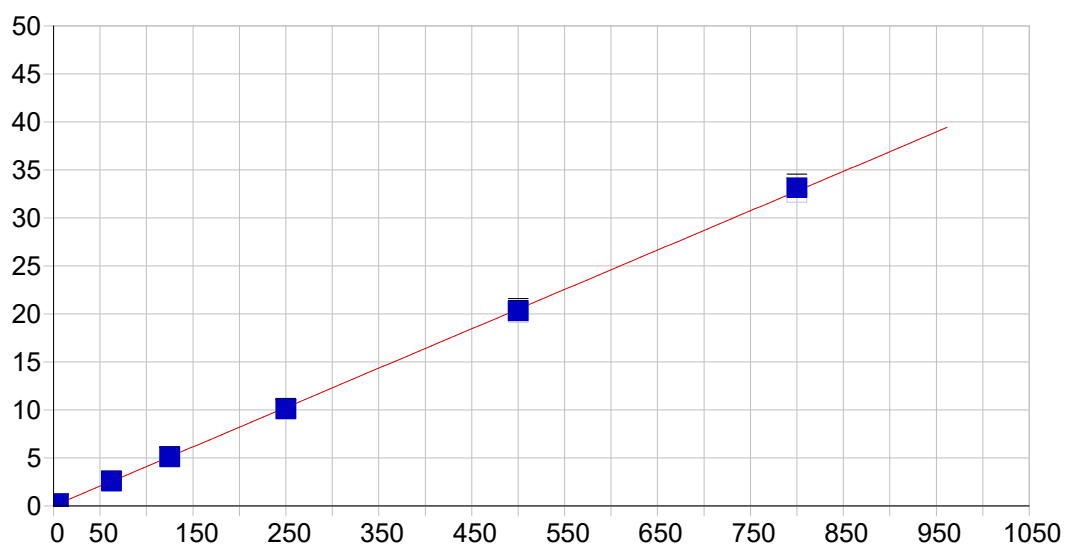


Cd 214.438 {457}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000439	Re-Slope:	1.000000
A1 (Gain):	2.189650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000090		
Predicted MQL:	0.000299		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.00500	.00532	.000	6.38	.01209	.000	1
S2	.62500	.62848	.003	.557	1.3787	.002	1
S3	1.2500	1.2543	.004	.341	2.7510	.004	1
S4	2.5000	2.4814	-.019	-.745	5.4422	.009	1
S5	5.0000	5.0106	.011	.211	10.989	.008	1

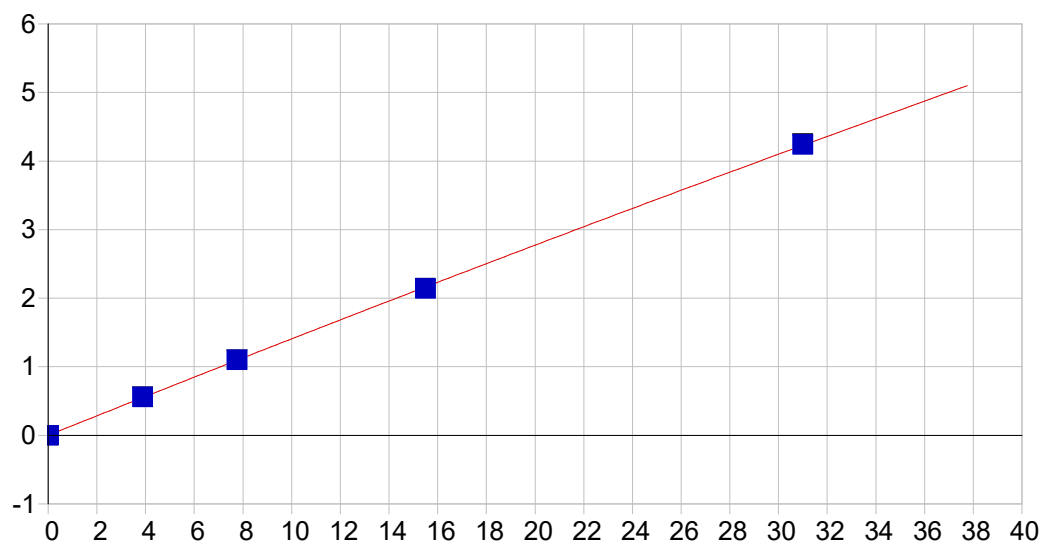


Ca 373.690 { 90}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000857 Re-Slope: 1.000000
 A1 (Gain): 0.040993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.001904
 Predicted MDL: 0.012712
 Predicted MQL: 0.042372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	.00083	.001	1
S1	5.0000	5.7320	.732	14.6	.23577	.002	1
S2	62.500	62.962	.462	.740	2.5589	.016	1
S3	125.00	124.09	-.907	-.726	5.0419	.034	1
S4	250.00	246.15	-3.85	-1.54	9.9997	.068	1
S5	500.00	495.25	-4.75	-.949	20.119	.248	1
S6	800.00	808.35	8.35	1.04	32.648	.391	1

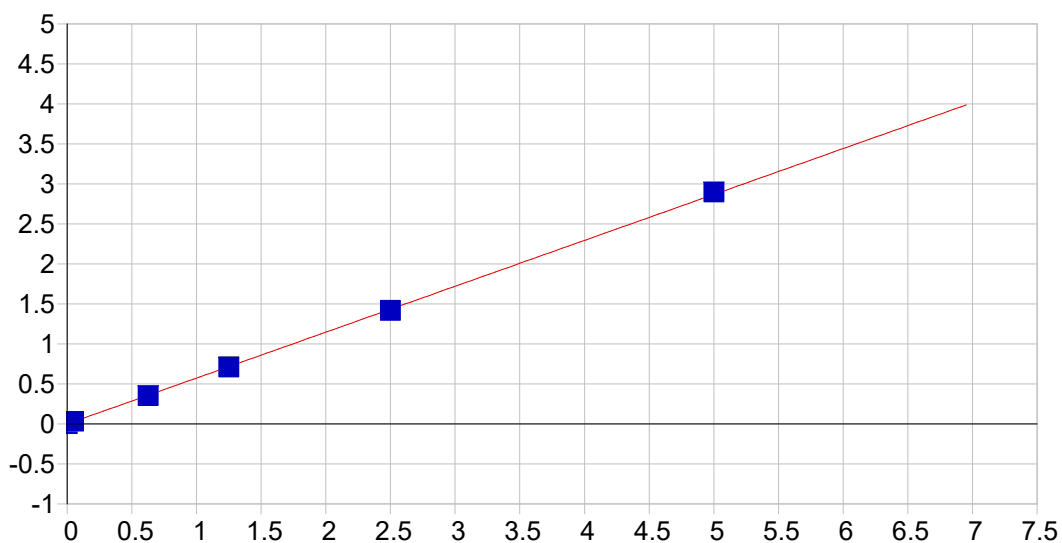


Cr 267.716 {126}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.142723 Y-int: 0.000000
 A2 (Curvature): -0.000203
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.000521
 Predicted MQL: 0.001735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01220	.002	22.0	.00179	.000	1
S2	3.8750	3.9358	.061	1.57	.55934	.001	1
S3	7.7500	7.7818	.032	.411	1.0998	.002	1
S4	15.500	15.336	-.164	-1.06	2.1440	.001	1
S5	31.000	31.069	.069	.222	4.2443	.012	1

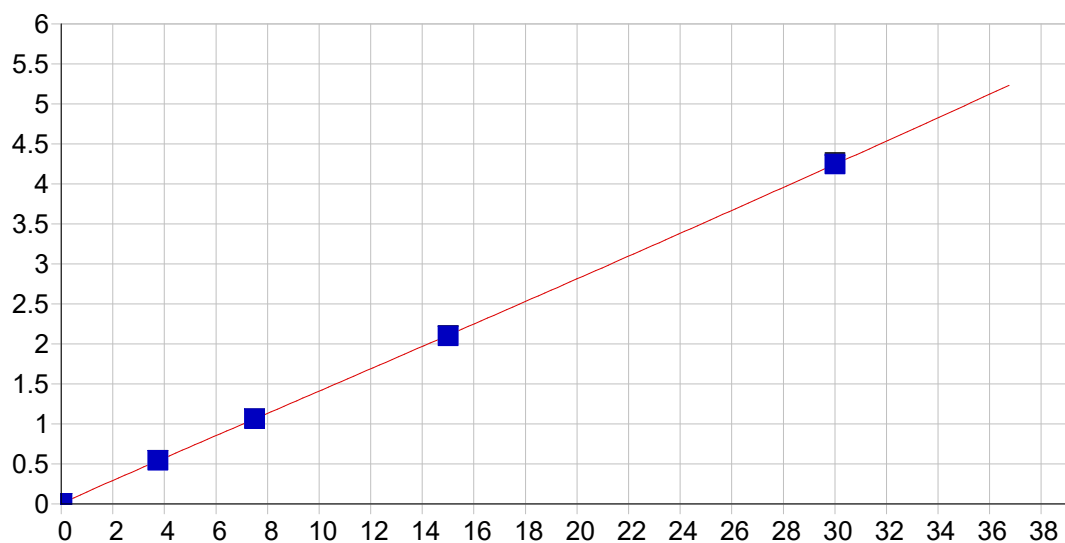


Co 228.616 {448}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000621 Re-Slope: 1.000000
 A1 (Gain): 0.573697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000201
 Predicted MDL: 0.000320
 Predicted MQL: 0.001066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.05000	.05409	.004	8.18	.03051	.000	1
S2	.62500	.61370	-.011	-1.81	.35203	.001	1
S3	1.2500	1.2375	-.012	-1.000	.71047	.001	1
S4	2.5000	2.4672	-.033	-1.31	1.4171	.003	1
S5	5.0000	5.0525	.053	1.05	2.9026	.002	1

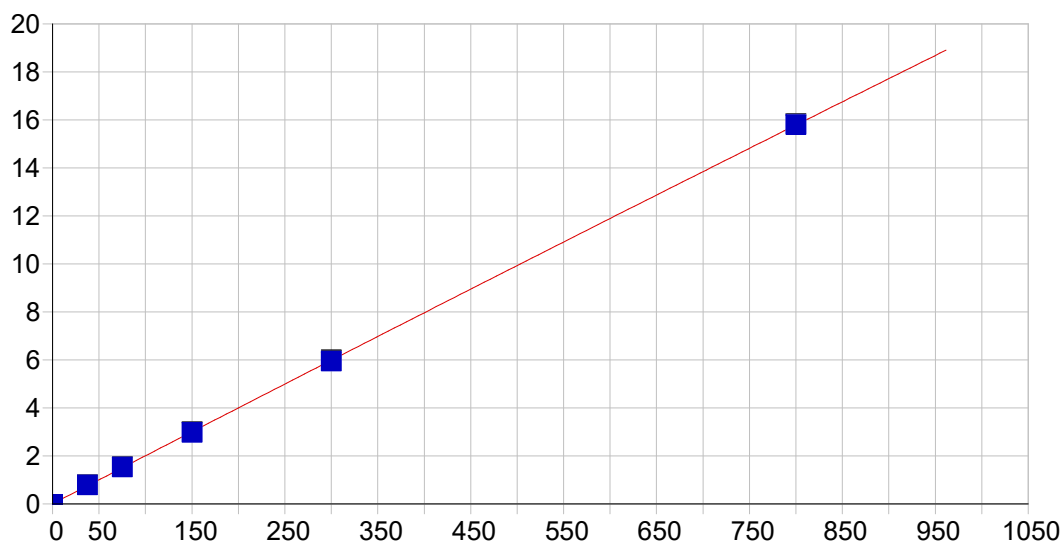


Cu 324.754 {104}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.002476	Re-Slope:	1.000000
A1 (Gain):	0.147787	Y-int:	0.000000
A2 (Curvature):	0.000326		
n (Exponent):	0.970000		
Correlation:	0.999992	Status:	Warning Positive Curvature
Std Error of Est:	0.000037		
Predicted MDL:	0.002493		
Predicted MQL:	0.008309		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00248	.000	1
S1	.02500	.02247	-.003	-10.1	.00619	.000	1
S2	3.7500	3.7726	.023	.604	.54212	.001	1
S3	7.5000	7.5256	.026	.342	1.0648	.001	1
S4	15.000	14.926	-.074	-.492	2.0966	.004	1
S5	30.000	30.027	.027	.092	4.2457	.015	1

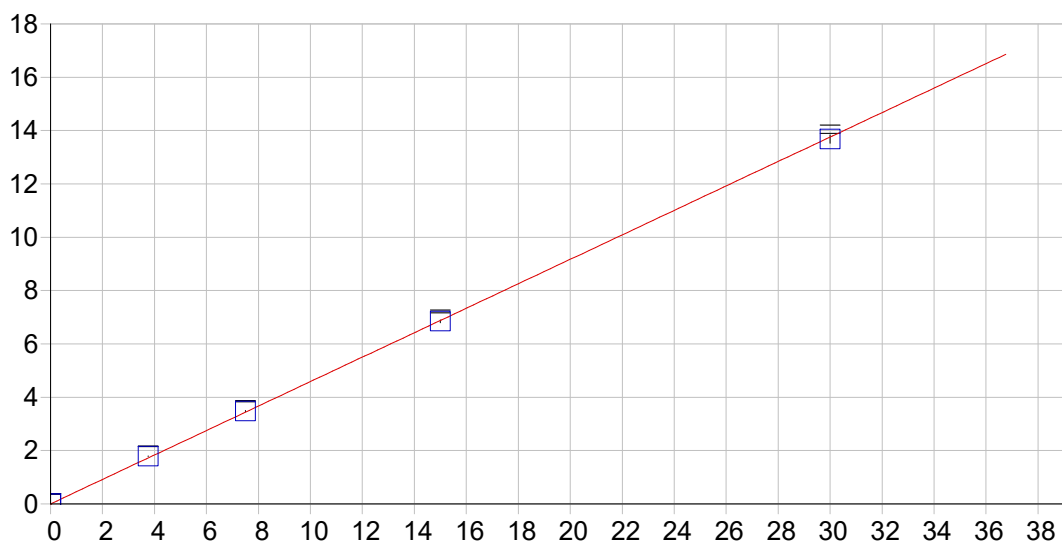


Fe 259.837 {130}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001259 Re-Slope: 1.000000
 A1 (Gain): 0.020082 Y-int: 0.000000
 A2 (Curvature): -0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.007966
 Predicted MQL: 0.026555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00126	.000	1
S1	.10000	.11558	.016	15.6	.00366	.000	1
S2	37.500	38.944	1.44	3.85	.78422	.004	1
S3	75.000	76.113	1.11	1.48	1.5303	.011	1
S4	150.00	148.80	-1.20	-.802	2.9859	.017	1
S5	300.00	297.69	-2.31	-.769	5.9531	.047	1
S6	800.00	800.94	.939	.117	15.825	.027	1

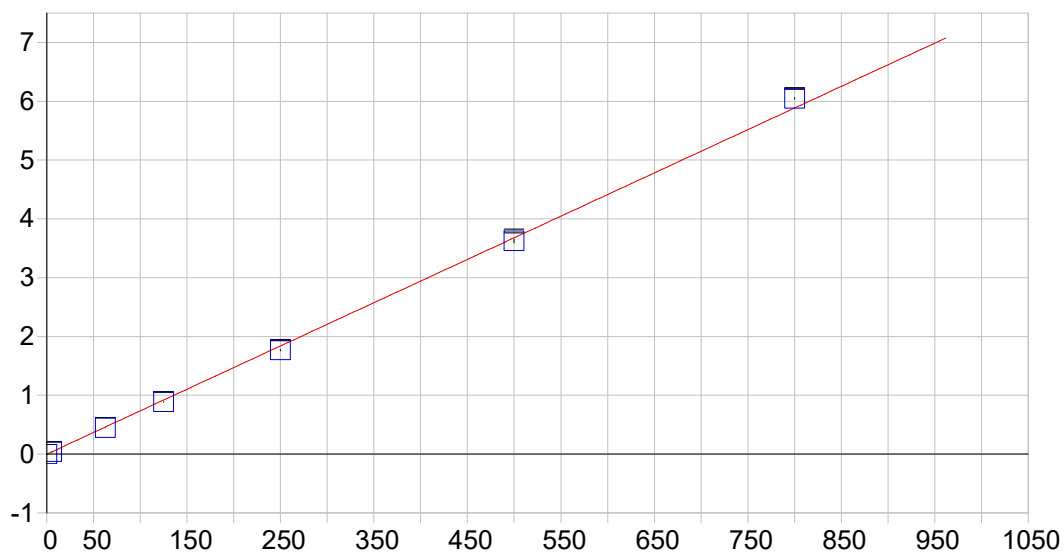


Mn 257.610 {131}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000656 Re-Slope: 1.000000
 A1 (Gain): 0.458575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000204
 Predicted MDL: 0.000412
 Predicted MQL: 0.001373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00065	.000	1
S1	.01500	.01822	.003	21.4	.00901	.000	1
S2	3.7500	3.8976	.148	3.94	1.7880	.009	1
S3	7.5000	7.5876	.088	1.17	3.4801	.027	1
S4	15.000	14.935	-.065	-.434	6.8494	.055	1
S5	30.000	29.827	-.173	-.578	13.678	.157	1

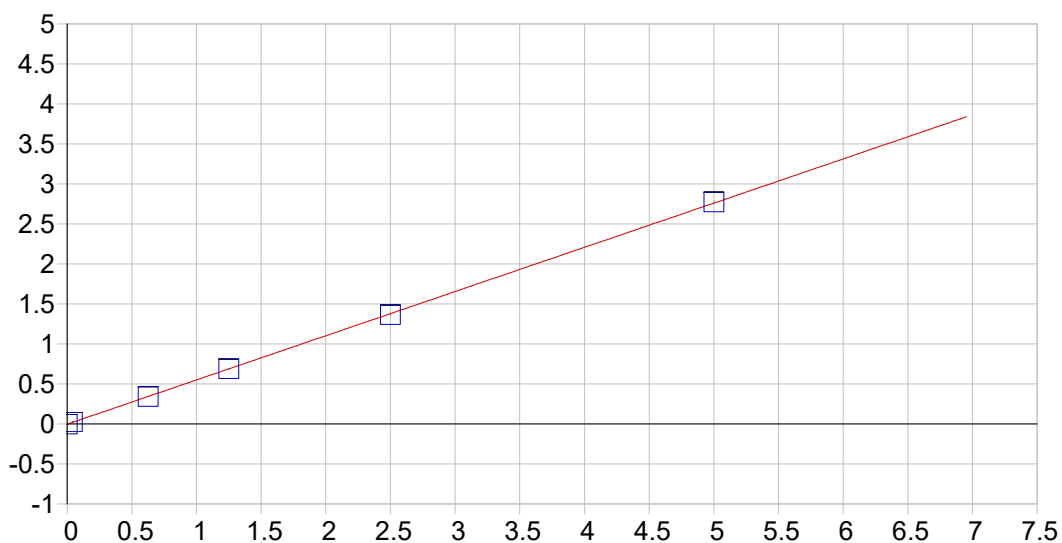


Mg 279.079 {121}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.007357 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620 Status: OK.
 Std Error of Est: 0.000708
 Predicted MDL: 0.027343
 Predicted MQL: 0.091144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00002	.000	1
S1	5.0000	5.5533	.553	11.1	.04088	.000	1
S2	62.500	60.974	-1.53	-2.44	.44858	.003	1
S3	125.00	120.81	-4.19	-3.35	.88878	.007	1
S4	250.00	240.31	-9.69	-3.88	1.7679	.011	1
S5	500.00	492.82	-7.18	-1.44	3.6255	.034	1
S6	800.00	822.03	22.0	2.75	6.0474	.014	1

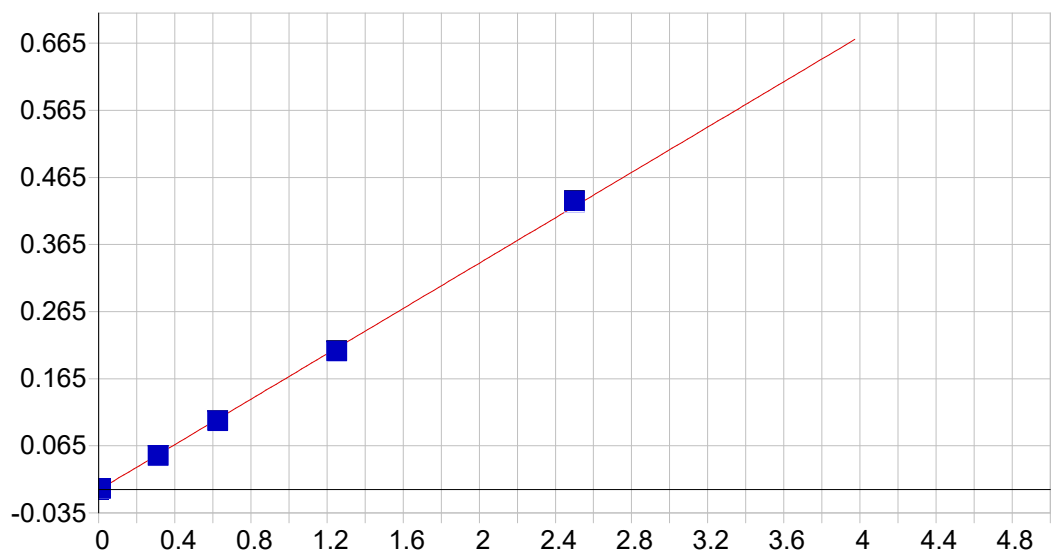


Ni 231.604 {446}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002977	Re-Slope:	1.000000
A1 (Gain):	0.552546	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.000443		
Predicted MQL:	0.001476		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00298	.000	1
S1	.04000	.04588	.006	14.7	.02237	.000	1
S2	.62500	.62403	-.001	-.155	.34183	.001	1
S3	1.2500	1.2488	-.001	-.095	.68705	.002	1
S4	2.5000	2.4731	-.027	-1.07	1.3635	.002	1
S5	5.0000	5.0231	.023	.463	2.7725	.002	1

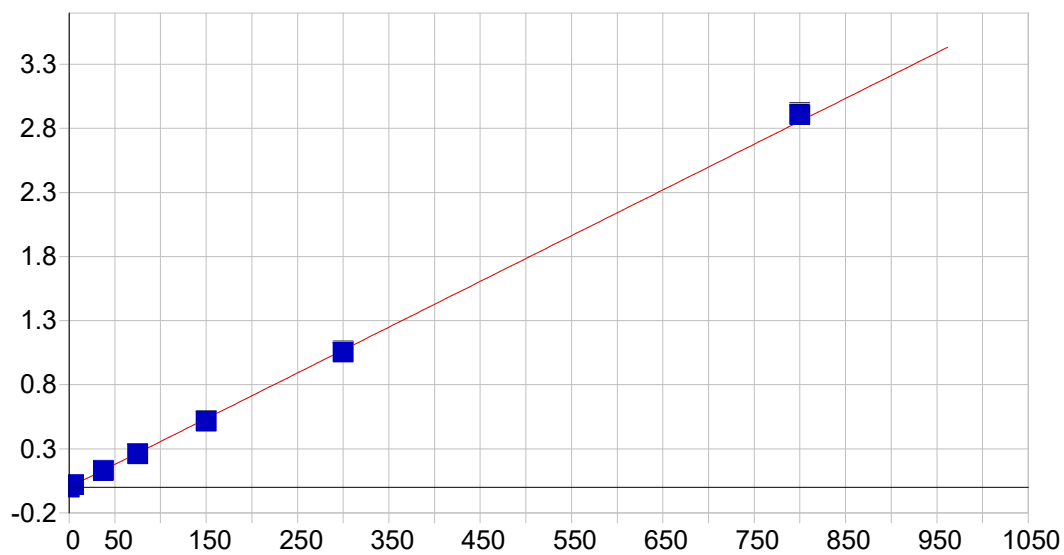


Ag 328.068 {103}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000778 Re-Slope: 1.000000
 A1 (Gain): 0.169011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.000631
 Predicted MQL: 0.002104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00078	.000	1
S1	.01000	.01061	.001	6.13	.00100	.000	1
S2	.31250	.30198	-.011	-3.36	.04992	.000	1
S3	.62500	.61029	-.015	-2.35	.10168	.001	1
S4	1.2500	1.2266	-.023	-1.87	.20516	.001	1
S5	2.5000	2.5480	.048	1.92	.42710	.001	1

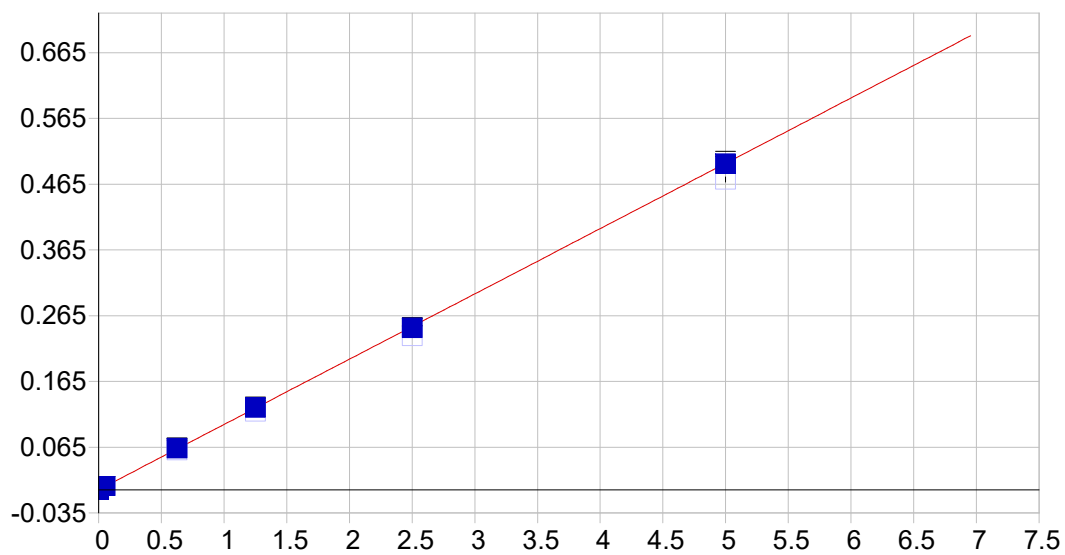


Na 818.326 { 41}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000041	Re-Slope:	1.000000
A1 (Gain):	0.003569	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999750	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.319361		
Predicted MQL:	1.064538		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-.00004	.001	1
S1	5.0000	5.3384	.338	6.77	.01902	.001	1
S2	37.500	36.480	-1.02	-2.72	.13077	.001	1
S3	75.000	72.425	-2.58	-3.43	.25967	.002	1
S4	150.00	144.13	-5.87	-3.91	.51682	.002	1
S5	300.00	295.17	-4.83	-1.61	1.0583	.005	1
S6	800.00	813.96	14.0	1.74	2.9180	.006	1

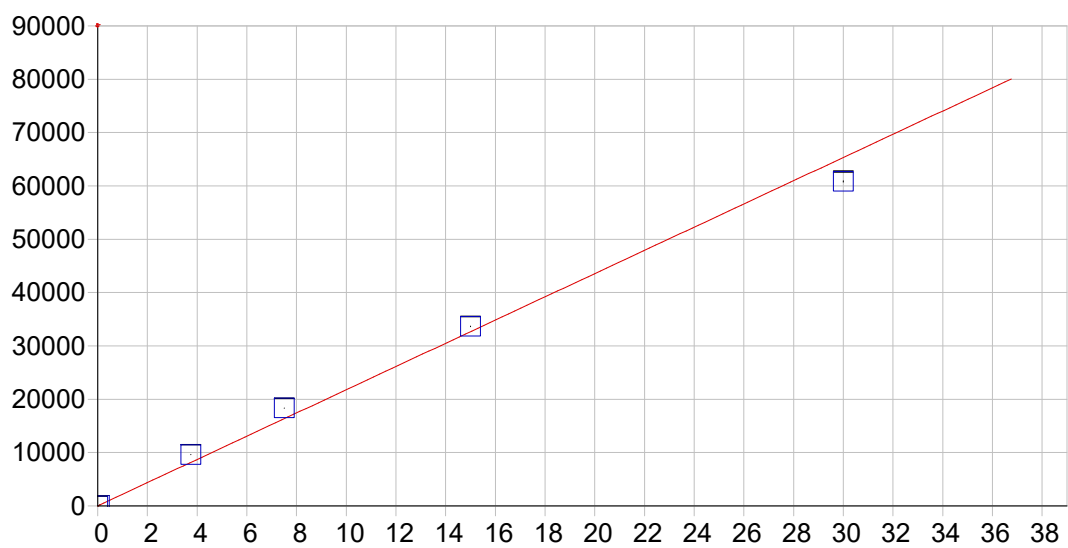


V 292.402 {115}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000213	Re-Slope:	1.000000
A1 (Gain):	0.099307	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.002747		
Predicted MQL:	0.009156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.05000	.05668	.007	13.4	.00583	.000	1
S2	.62500	.63755	.013	2.01	.06055	.000	1
S3	1.2500	1.2603	.010	.820	.11941	.001	1
S4	2.5000	2.4780	-.022	-.882	.23439	.000	1
S5	5.0000	4.9922	-.008	-.156	.47217	.004	1

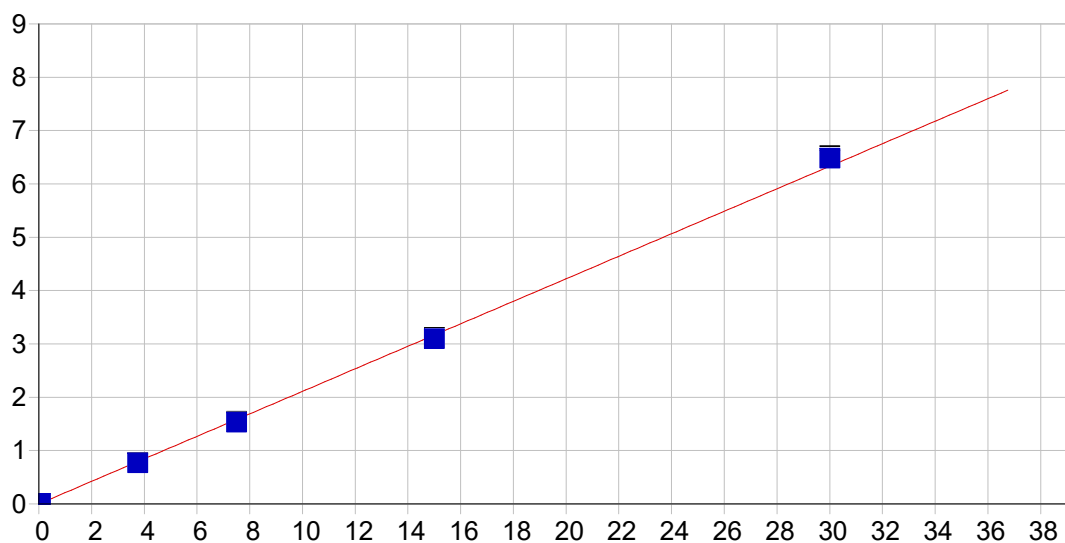


Zn 206.200 {464}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	8.931792	Re-Slope:	1.000000
A1 (Gain):	2177.385842	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996491	Status:	OK.
Std Error of Est:	13.012700		
Predicted MDL:	0.000306		
Predicted MQL:	0.001019		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	8.8429	.499	1
S1	.06000	.08510	.025	41.8	194.22	.411	1
S2	3.7500	4.4185	.668	17.8	9629.7	4.84	1
S3	7.5000	8.4152	.915	12.2	18332.	52.9	1
S4	15.000	15.456	.456	3.04	33662.	32.3	1
S5	30.000	27.936	-2.06	-6.88	60836.	124.	1

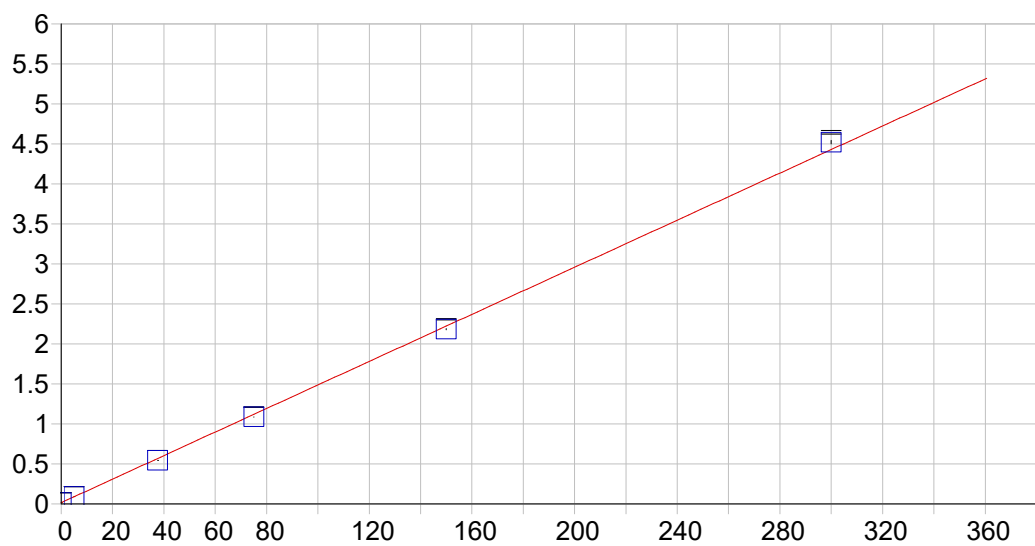


Zn 213.856 {158}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000727 Re-Slope: 1.000000
 A1 (Gain): 0.211010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000378
 Predicted MDL: 0.001905
 Predicted MQL: 0.006350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00073	.000	1
S1	.06000	.06483	.005	8.05	.01444	.000	1
S2	3.7500	3.6291	-.121	-3.22	.76780	.001	1
S3	7.5000	7.2547	-.245	-3.27	1.5341	.015	1
S4	15.000	14.669	-.331	-2.21	3.1011	.018	1
S5	30.000	30.693	.693	2.31	6.4876	.040	1

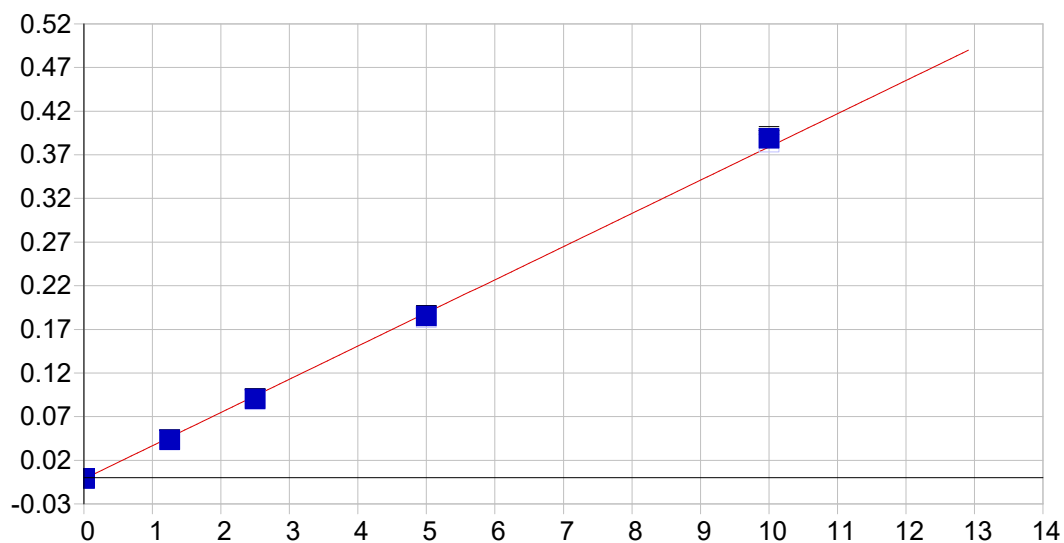


K 769.896 { 44}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015470 Re-Slope: 1.000000
 A1 (Gain): 0.014714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.000724
 Predicted MDL: 0.070516
 Predicted MQL: 0.235055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.01547	.000	1
S1	5.0000	5.2389	.239	4.78	.09255	.001	1
S2	37.500	35.874	-1.63	-4.34	.54331	.001	1
S3	75.000	72.829	-2.17	-2.89	1.0870	.003	1
S4	150.00	147.31	-2.69	-1.79	2.1829	.008	1
S5	300.00	306.25	6.25	2.08	4.5215	.022	1

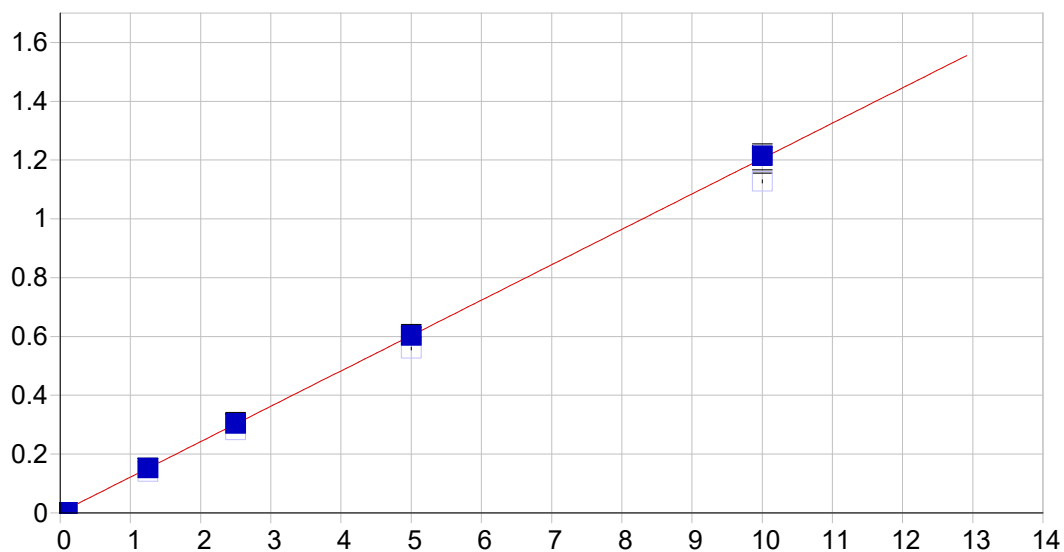


P 177.495 {490}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001439 Re-Slope: 1.000000
 A1 (Gain): 0.038052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999591 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002691
 Predicted MQL: 0.008969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00144	.000	1
S1	.01000	.00984	-.000	-1.62	-.00107	.000	1
S2	1.2500	1.1789	-.071	-5.69	.04289	.000	1
S3	2.5000	2.4126	-.087	-3.50	.08930	.000	1
S4	5.0000	4.9088	-.091	-1.82	.18322	.001	1
S5	10.000	10.250	.250	2.50	.38432	.002	1

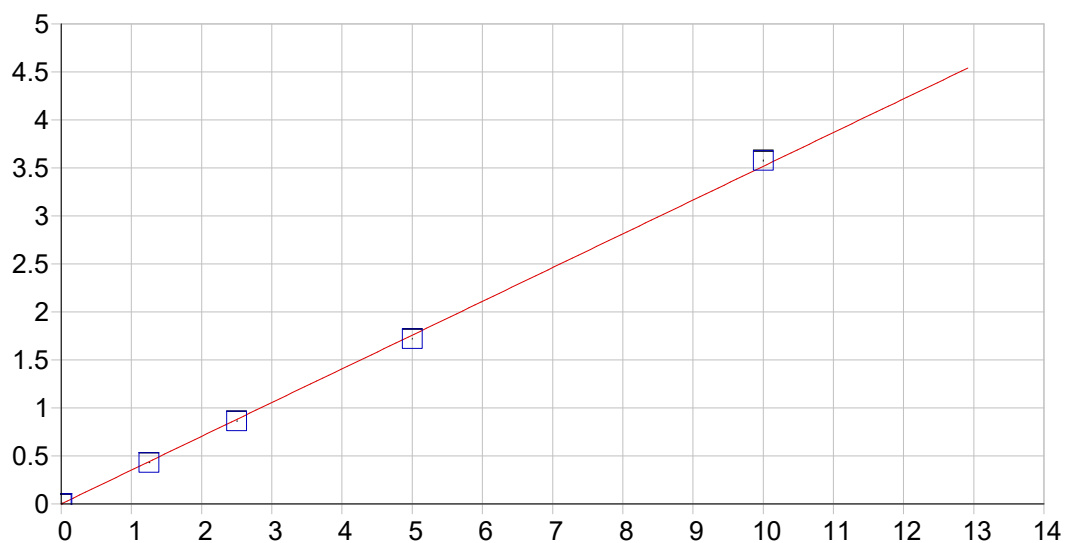


B 249.678 {135}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001502	Re-Slope:	1.000000
A1 (Gain):	0.120357	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997784	Status:	OK.
Std Error of Est:	0.000396		
Predicted MDL:	0.002122		
Predicted MQL:	0.007072		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00151	.000	1
S1	.10000	.01556	-.084	-84.4	.00335	.000	1
S2	1.2500	1.2490	-.001	-.081	.14091	.001	1
S3	2.5000	2.5144	.014	.576	.28229	.004	1
S4	5.0000	4.9943	-.006	-.113	.55893	.005	1
S5	10.000	10.083	.083	.831	1.1277	.006	1

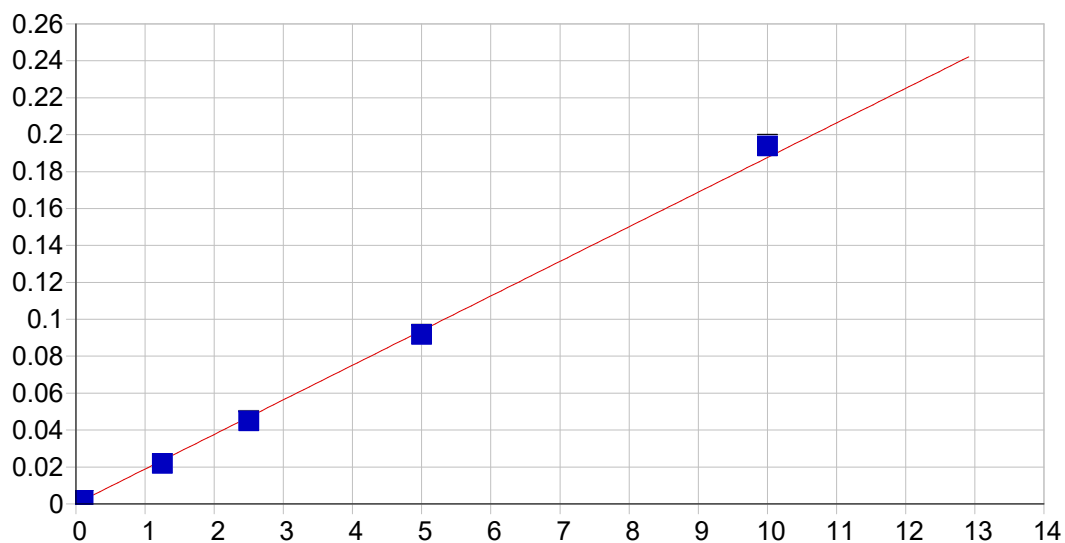


Mo 202.030 {467}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000644 Re-Slope: 1.000000
 A1 (Gain): 0.351537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.000536
 Predicted MQL: 0.001788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.000	1
S1	.01000	.01811	.008	81.1	.00701	.000	1
S2	1.2500	1.2243	-.026	-2.05	.43104	.000	1
S3	2.5000	2.4567	-.043	-1.73	.86426	.001	1
S4	5.0000	4.8877	-.112	-2.25	1.7188	.003	1
S5	10.000	10.173	.173	1.73	3.5769	.006	1

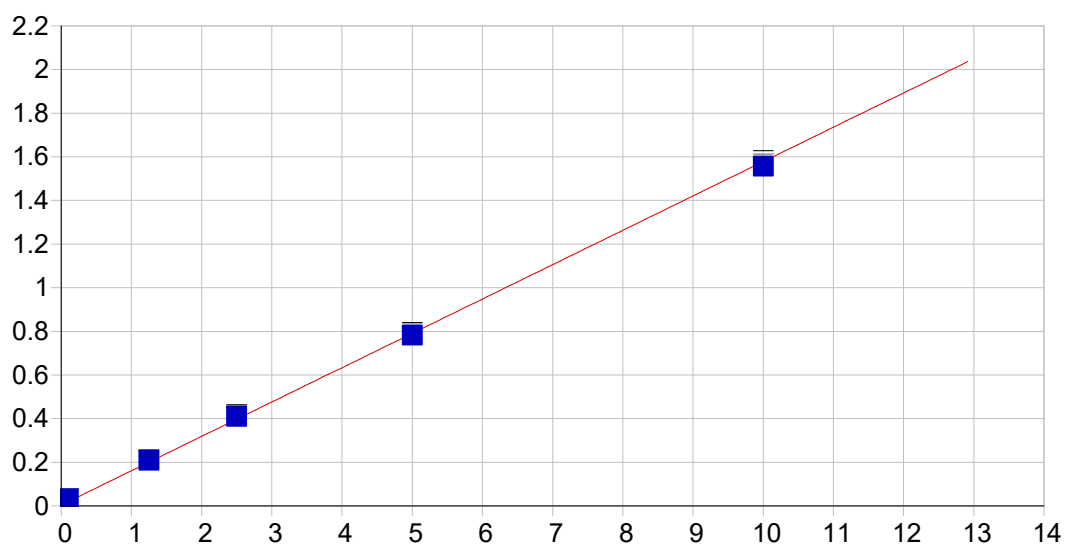


S 182.034 {485}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.018745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999317 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.005201
 Predicted MQL: 0.017338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.10000	.10014	.000	.138	.00203	.000	1
S2	1.2500	1.1564	-.094	-7.49	.02188	.000	1
S3	2.5000	2.3832	-.117	-4.67	.04492	.000	1
S4	5.0000	4.8835	-.116	-2.33	.09189	.000	1
S5	10.000	10.327	.327	3.27	.19412	.001	1

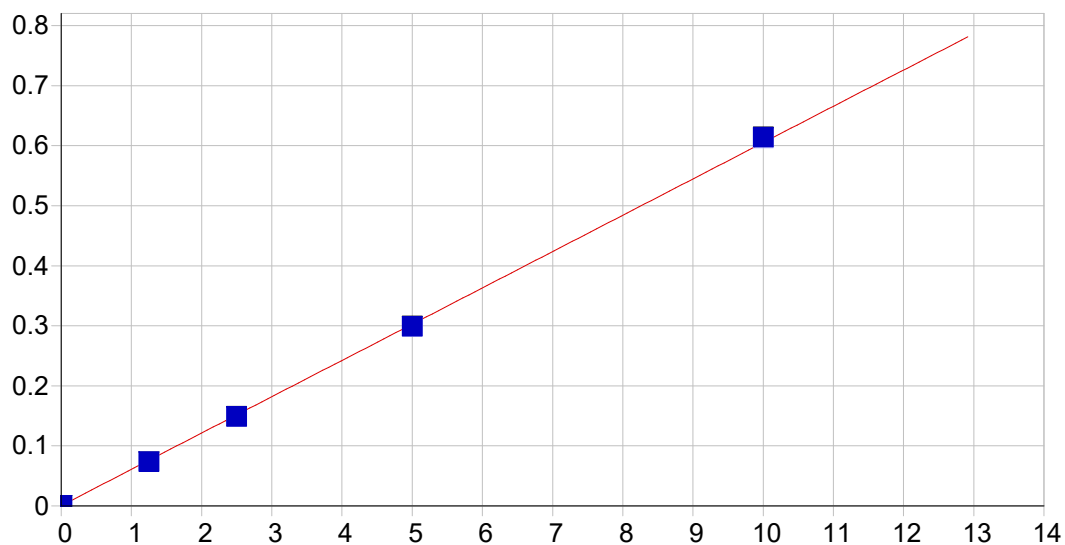


Si 251.611 {134}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003755 Re-Slope: 1.000000
 A1 (Gain): 0.157424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998054 Status: OK.
 Std Error of Est: 0.000527
 Predicted MDL: 0.001900
 Predicted MQL: 0.006334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00374	.000	1
S1	.10000	.18247	.082	82.5	.03254	.000	1
S2	1.2500	1.3001	.050	4.00	.21016	.001	1
S3	2.5000	2.5712	.071	2.85	.41201	.005	1
S4	5.0000	4.9389	-.061	-1.22	.78821	.007	1
S5	10.000	9.8578	-.142	-1.42	1.5695	.013	1

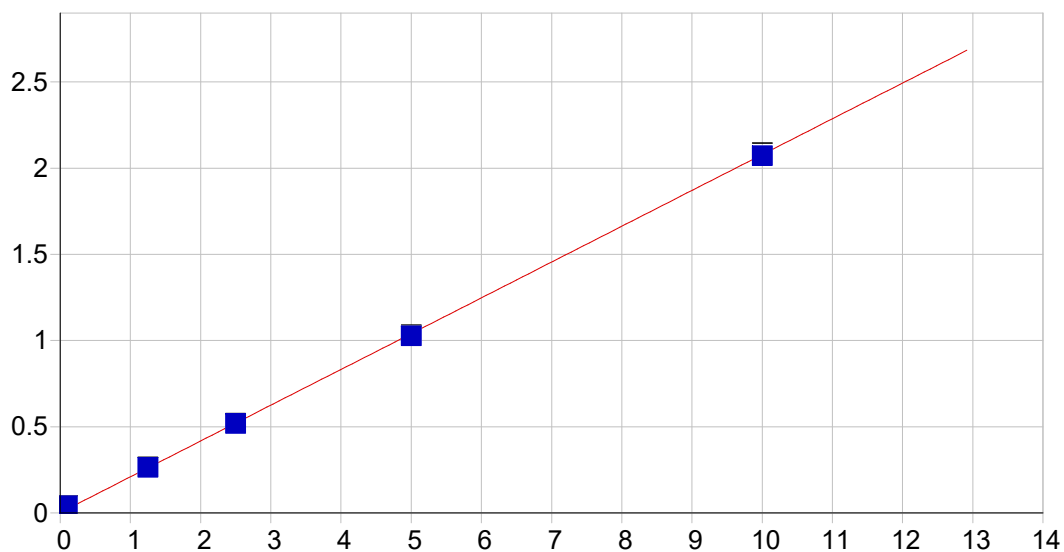


Sn 189.989 {478}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000387 Re-Slope: 1.000000
 A1 (Gain): 0.060469 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001803
 Predicted MQL: 0.006009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.00700	.00894	.002	27.7	.00091	.000	1
S2	1.2500	1.2084	-.042	-3.33	.07330	.000	1
S3	2.5000	2.4544	-.046	-1.82	.14849	.000	1
S4	5.0000	4.9416	-.058	-1.17	.29857	.000	1
S5	10.000	10.144	.144	1.44	.61252	.001	1

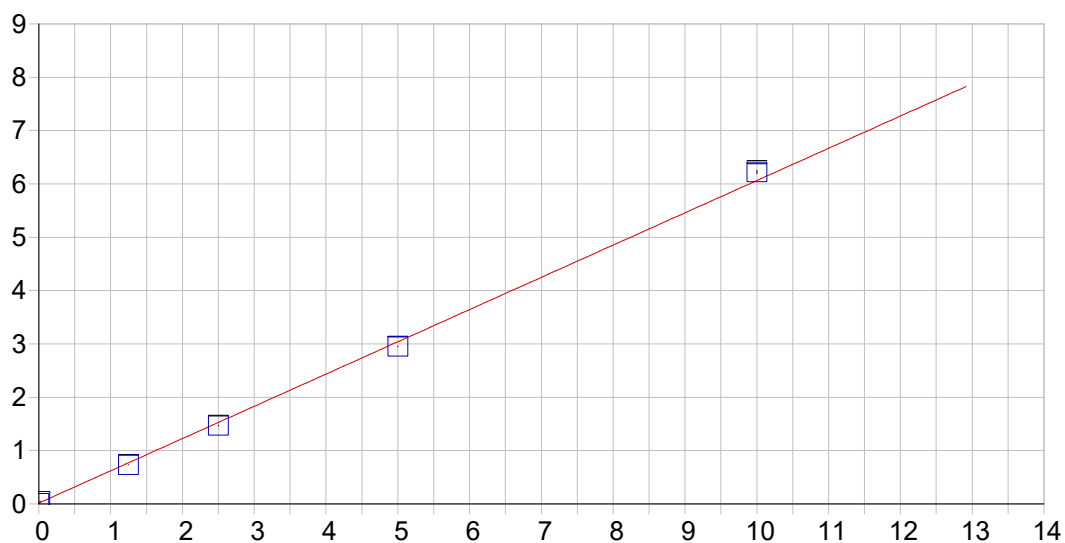


Ti 336.121 {100}

Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001606 Re-Slope: 1.000000
 A1 (Gain): 0.207706 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997967 Status: OK.
 Std Error of Est: 0.000705
 Predicted MDL: 0.001976
 Predicted MQL: 0.006586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00159	.000	1
S1	.10000	.18698	.087	87.0	.04044	.000	1
S2	1.2500	1.2650	.015	1.20	.26426	.001	1
S3	2.5000	2.4885	-.011	-.458	.51831	.001	1
S4	5.0000	4.9377	-.062	-1.25	1.0268	.005	1
S5	10.000	9.9719	-.028	-.281	2.0721	.016	1



Li 670.784 { 50}

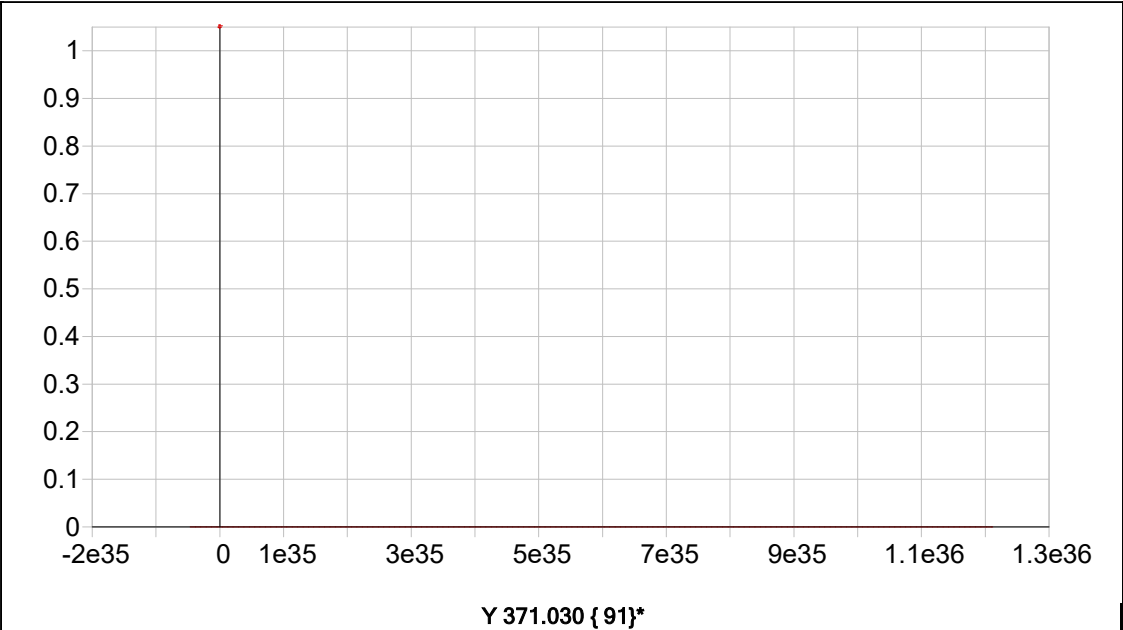
Date of Fit: 04/04/2019 10:56:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015908 Re-Slope: 1.000000
 A1 (Gain): 0.604721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997398 Status: OK.
 Std Error of Est: 0.000898
 Predicted MDL: 0.001983
 Predicted MQL: 0.006610

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01589	.001	1
S5	10.000	10.264	.264	2.64	6.2230	.031	1
S4	5.0000	4.8568	-.143	-2.86	2.9529	.005	1
S3	2.5000	2.4065	-.093	-3.74	1.4712	.006	1
S2	1.2500	1.1877	-.062	-4.99	.73412	.003	1
S1	.01500	.04970	.035	231.	.04596	.001	1



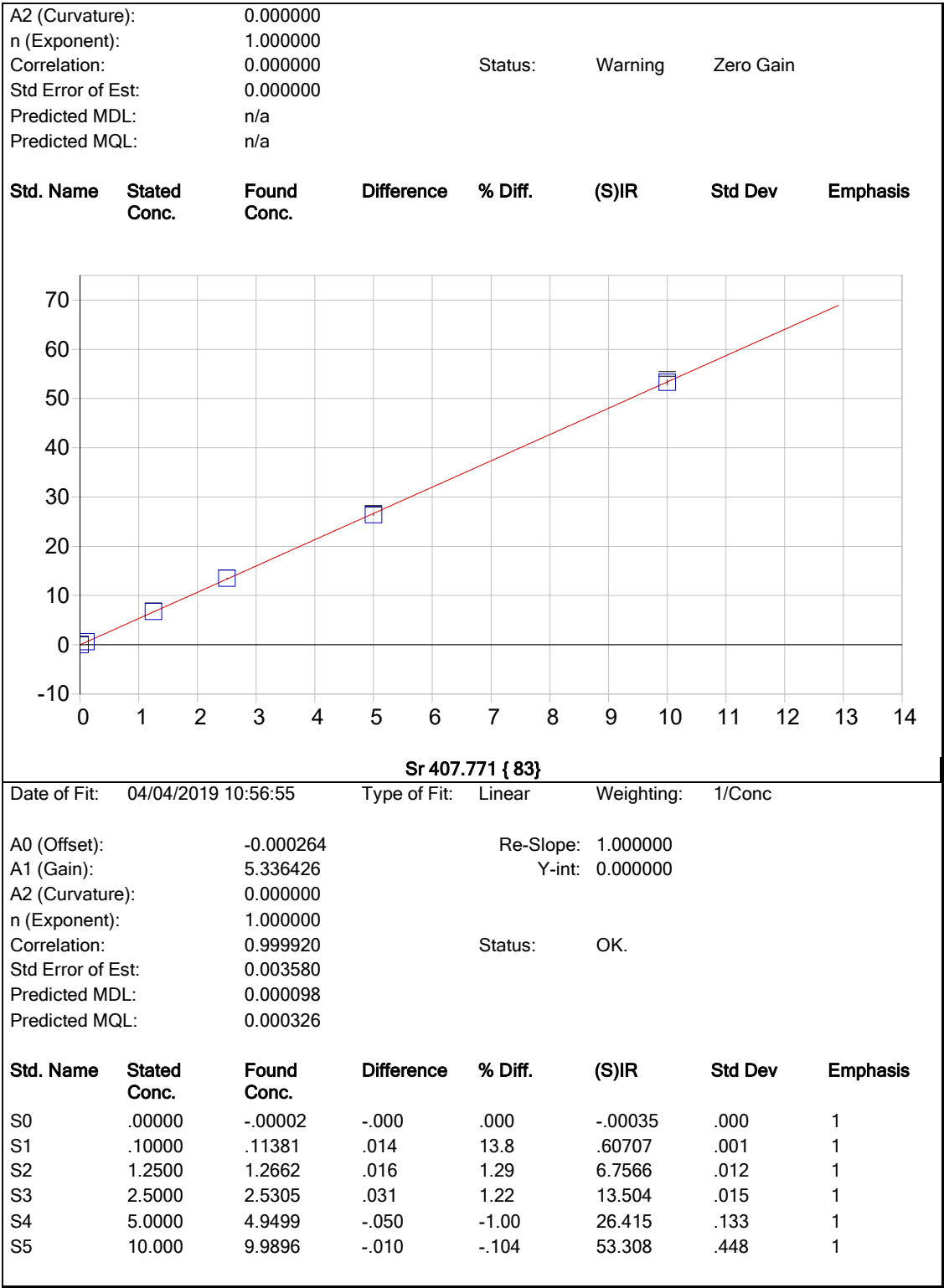




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

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



Sample Name: S0 Acquired: 04/03/2019 11:24:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	-.00052	-.00097	-.00001	.00069	.00048	.00364	.02495	-.00333
Stddev	.00008	.00010	.00026	.00005	.00011	.00021	.00157	.00039
%RSD	15.579	10.202	2049.4	6.9179	23.513	5.7836	6.2780	11.738

#1	-.00053	-.00092	.00003	.00063	.00035	.00356	.02675	-.00336
#2	-.00043	-.00090	-.00029	.00073	.00052	.00349	.02413	-.00293
#3	-.00059	-.00108	.00022	.00070	.00056	.00388	.02395	-.00371

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	.00044	.00083	.00005	-.00062	.00248	.00126	.00065	.00002
Stddev	.00018	.00058	.00011	.00014	.00002	.00004	.00009	.00006
%RSD	41.565	69.726	206.63	23.038	.72737	3.4303	13.780	266.63

#1	.00065	.00149	.00012	-.00065	.00246	.00121	.00056	.00001
#2	.00034	.00042	.00010	-.00047	.00249	.00128	.00074	.00009
#3	.00032	.00057	-.00007	-.00075	.00248	.00129	.00067	-.00003

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	-.00298	-.00078	-.00004	.00021	.00073	.01547	-.00144	.00151
Stddev	.00006	.00005	.00054	.00031	.00017	.00026	.00011	.00028
%RSD	2.1696	6.2522	1357.0	146.97	23.208	1.6794	7.5281	18.530

#1	-.00299	-.00078	.00008	-.00013	.00071	.01540	-.00154	.00153
#2	-.00304	-.00082	-.00064	.00030	.00090	.01525	-.00133	.00122
#3	-.00291	-.00073	.00043	.00047	.00057	.01576	-.00145	.00178

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	.00064	.00015	.00374	.00039	.00159	.01589	-.00035	
Stddev	.00018	.00002	.00020	.00005	.00019	.00068	.00015	
%RSD	28.018	15.409	5.2512	14.224	11.985	4.2751	43.521	

#1	.00068	.00013	.00379	.00038	.00168	.01525	-.00050	
#2	.00045	.00017	.00391	.00044	.00171	.01660	-.00034	
#3	.00080	.00017	.00353	.00033	.00137	.01581	-.00020	

Sample Name: S0 Acquired: 04/03/2019 11:24:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2709.3	3713.2	58352.	12231.	4385.4
Stddev	13.7	8.7	187.	59.	.1
%RSD	.50488	.23553	.32050	.48564	.00126
#1	2700.2	3709.5	58535.	12184.	4385.4
#2	2702.7	3723.2	58361.	12212.	4385.3
#3	2725.0	3707.0	58161.	12298.	4385.3

Sample Name: S1 Acquired: 04/03/2019 11:28:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	-.00017	.00066	.00142	.00233	.00929	.01715	.50065	.01740
Stddev	.00002	.00019	.00021	.00016	.00006	.00081	.00183	.00026
%RSD	14.256	28.433	14.584	7.0695	.63775	4.7229	.36471	1.4655

#1	-.00019	.00076	.00146	.00223	.00934	.01621	.49914	.01712
#2	-.00016	.00044	.00161	.00223	.00930	.01768	.50268	.01747
#3	-.00015	.00076	.00120	.00252	.00922	.01754	.50013	.01762

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	.01209	.23577	.00179	.03051	.00619	.00366	.00901	.04088
Stddev	.00009	.00188	.00005	.00029	.00025	.00011	.00026	.00026
%RSD	.73474	.79672	2.9922	.94769	3.9812	2.9830	2.9011	.63475

#1	.01211	.23474	.00174	.03038	.00648	.00374	.00931	.04090
#2	.01217	.23463	.00184	.03031	.00605	.00354	.00885	.04061
#3	.01199	.23794	.00180	.03084	.00605	.00371	.00887	.04113

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	.02237	.00100	.01902	.00583	.01444	.09255	-.00107	.00335
Stddev	.00016	.00010	.00077	.00005	.00015	.00130	.00005	.00024
%RSD	.72506	10.191	4.0583	.86146	1.0183	1.4087	4.4999	7.2641

#1	.02246	.00105	.01964	.00585	.01427	.09222	-.00108	.00346
#2	.02247	.00107	.01815	.00578	.01454	.09144	-.00110	.00352
#3	.02219	.00089	.01926	.00587	.01452	.09399	-.00101	.00307

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	.00701	.00203	.03254	.00091	.04044	.04596	.60707
Stddev	.00006	.00006	.00029	.00004	.00023	.00051	.00078
%RSD	.86866	2.9357	.88639	4.5901	.57479	1.1199	.12819

#1	.00708	.00201	.03229	.00090	.04036	.04603	.60628
#2	.00700	.00210	.03285	.00096	.04025	.04542	.60784
#3	.00696	.00198	.03246	.00088	.04070	.04644	.60710

Sample Name: S1 Acquired: 04/03/2019 11:28:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2718.4	3713.9	58890.	12317.	4439.7
Stddev	8.5	5.2	116.	86.	4.2
%RSD	.31315	.14038	.19635	.69740	.09373
#1	2709.3	3708.5	58835.	12393.	4435.5
#2	2726.2	3718.9	58813.	12334.	4439.9
#3	2719.7	3714.4	59023.	12224.	4443.8

Sample Name: S2 Acquired: 04/03/2019 11:32:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.04455	.08168	.90268	.05401	.15298	2.5178	5.3495	.47534
Stddev	.00024	.00012	.00166	.00015	.00025	.0108	.0146	.00183
%RSD	.54277	.14850	.18381	.27690	.16604	.42957	.27258	.38466

#1	.04435	.08176	.90114	.05418	.15277	2.5185	5.3488	.47323
#2	.04448	.08154	.90246	.05391	.15292	2.5283	5.3643	.47634
#3	.04482	.08174	.90444	.05393	.15326	2.5067	5.3352	.47646

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	1.3787	2.5589	.55934	.35203	.54212	.78422	1.7880	.44858
Stddev	.0019	.0159	.00078	.00092	.00126	.00421	.0094	.00251
%RSD	.14059	.61929	.14025	.26130	.23314	.53714	.52676	.55951

#1	1.3769	2.5611	.56024	.35158	.54334	.78414	1.7907	.44859
#2	1.3785	2.5736	.55878	.35142	.54221	.78846	1.7958	.45109
#3	1.3807	2.5421	.55900	.35309	.54081	.78004	1.7775	.44607

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	.34183	.04992	.13077	.06055	.76780	.54331	.04289	.14091
Stddev	.00086	.00012	.00083	.00013	.00143	.00051	.00005	.00061
%RSD	.25083	.24416	.63319	.21287	.18602	.09304	.10501	.43398

#1	.34106	.05000	.13097	.06069	.76945	.54292	.04288	.14048
#2	.34168	.04978	.13148	.06054	.76704	.54388	.04293	.14064
#3	.34275	.04998	.12986	.06043	.76691	.54312	.04285	.14161

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	.43104	.02188	.21016	.07330	.26426	.73412	6.7566	
Stddev	.00035	.00002	.00093	.00049	.00110	.00307	.0120	
%RSD	.08025	.07423	.44272	.67337	.41583	.41763	.17757	

#1	.43092	.02190	.21002	.07340	.26486	.73567	6.7486	
#2	.43078	.02187	.21115	.07276	.26492	.73610	6.7704	
#3	.43144	.02186	.20930	.07373	.26299	.73058	6.7508	

Sample Name: S2 Acquired: 04/03/2019 11:32:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2661.1	3626.4	58573.	12258.	4232.7
Stddev	2.6	4.3	201.	58.	4.4
%RSD	.09927	.11766	.34359	.47178	.10411
#1	2663.9	3631.1	58769.	12322.	4236.4
#2	2660.5	3622.8	58367.	12209.	4233.7
#3	2658.7	3625.4	58582.	12244.	4227.8

Sample Name: S3 Acquired: 04/03/2019 11:36:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.08967	.16347	1.8128	.10560	.30450	5.0257	10.676	.94260
Stddev	.00018	.00041	.0039	.00040	.00012	.0194	.014	.01280
%RSD	.20253	.25203	.21422	.38159	.04074	.38621	.12799	1.3582

#1	.08981	.16300	1.8092	.10579	.30462	5.0157	10.665	.94960
#2	.08974	.16361	1.8123	.10514	.30451	5.0481	10.691	.95039
#3	.08947	.16379	1.8169	.10588	.30437	5.0134	10.673	.92783

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	2.7510	5.0419	1.0998	.71047	1.0648	1.5303	3.4801	.88878
Stddev	.0044	.0343	.0016	.00144	.0008	.0115	.0272	.00734
%RSD	.15940	.68097	.14436	.20291	.07810	.74920	.78088	.82540

#1	2.7482	5.0434	1.0980	.70908	1.0649	1.5307	3.4778	.88833
#2	2.7488	5.0755	1.1005	.71038	1.0656	1.5416	3.5084	.89634
#3	2.7561	5.0069	1.1010	.71196	1.0640	1.5187	3.4542	.88169

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	.68705	.10168	.25967	.11941	1.5341	1.0870	.08930	.28229
Stddev	.00218	.00055	.00151	.00066	.0149	.0026	.00043	.00372
%RSD	.31745	.54549	.58137	.55088	.97314	.23748	.47652	1.3179

#1	.68494	.10107	.26013	.11994	1.5208	1.0867	.08882	.28323
#2	.68691	.10215	.26089	.11963	1.5313	1.0898	.08945	.28545
#3	.68929	.10182	.25798	.11868	1.5503	1.0846	.08963	.27819

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	.86426	.04492	.41201	.14849	.51831	1.4712	13.504
Stddev	.00070	.00037	.00529	.00034	.00139	.0063	.015
%RSD	.08154	.82294	1.2848	.23198	.26774	.42863	.11100

#1	.86412	.04462	.41262	.14815	.51940	1.4655	13.488
#2	.86364	.04534	.41697	.14884	.51880	1.4780	13.517
#3	.86503	.04481	.40644	.14849	.51675	1.4701	13.506

Sample Name: S3 Acquired: 04/03/2019 11:36:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2604.7	3528.0	57993.	12210.	4050.2
Stddev	12.6	14.2	239.	145.	14.0
%RSD	.48482	.40372	.41225	1.1899	.34446
#1	2619.3	3518.5	58247.	12165.	4046.8
#2	2597.3	3544.4	57961.	12093.	4065.6
#3	2597.6	3521.1	57772.	12373.	4038.3

Sample Name: S4 Acquired: 04/03/2019 11:40:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.18066	.32186	3.6375	.20597	.60722	10.105	21.212	1.8320
Stddev	.00036	.00084	.0066	.00075	.00205	.019	.011	.0216
%RSD	.20139	.26174	.18036	.36198	.33817	.18956	.05330	1.1780

#1	.18083	.32212	3.6408	.20551	.60685	10.101	21.208	1.8196
#2	.18024	.32092	3.6300	.20557	.60538	10.088	21.204	1.8194
#3	.18091	.32255	3.6418	.20683	.60943	10.125	21.225	1.8569

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4422	9.9997	2.1440	1.4171	2.0966	2.9859	6.8494	1.7679
Stddev	.0094	.0682	.0011	.0029	.0043	.0166	.0548	.0107
%RSD	.17281	.68162	.05174	.20275	.20595	.55613	.80003	.60575

#1	5.4444	9.9501	2.1448	1.4171	2.0945	2.9803	6.8153	1.7646
#2	5.4319	9.9715	2.1428	1.4142	2.0937	2.9728	6.8204	1.7592
#3	5.4503	10.077	2.1445	1.4199	2.1015	3.0046	6.9126	1.7798

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	1.3635	.20516	.51682	.23439	3.1011	2.1829	.18322	.55893
Stddev	.0024	.00051	.00152	.00036	.0183	.0076	.00056	.00465
%RSD	.17578	.24808	.29484	.15178	.59097	.34898	.30483	.83225

#1	1.3651	.20545	.51550	.23470	3.1132	2.1801	.18306	.55694
#2	1.3608	.20546	.51648	.23447	3.1102	2.1771	.18276	.55560
#3	1.3648	.20457	.51849	.23400	3.0800	2.1915	.18384	.56425

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	1.7188	.09189	.78821	.29857	1.0268	2.9529	26.415
Stddev	.0034	.00005	.00661	.00012	.0047	.0047	.133
%RSD	.19469	.05816	.83824	.03994	.45566	.15797	.50163

#1	1.7166	.09186	.78464	.29863	1.0230	2.9558	26.471
#2	1.7172	.09185	.78416	.29865	1.0255	2.9475	26.263
#3	1.7227	.09195	.79584	.29844	1.0320	2.9554	26.510

Sample Name: S4 Acquired: 04/03/2019 11:40:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2469.8	3342.2	56338.	12001.	3787.3
Stddev	19.8	5.7	360.	42.	5.0
%RSD	.80163	.17104	.63831	.35149	.13259
#1	2454.9	3341.9	56067.	11999.	3782.5
#2	2462.2	3348.1	56201.	12045.	3792.5
#3	2492.3	3336.7	56746.	11961.	3786.8

Sample Name: S5 Acquired: 04/03/2019 11:43:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.38085	.64032	7.4462	.41537	1.2708	20.931	42.514	3.6511
Stddev	.00149	.00204	.0017	.00140	.0008	.111	.769	.0194
%RSD	.39162	.31930	.02263	.33817	.06143	.53168	1.8096	.53140

#1	.37915	.63965	7.4456	.41375	1.2705	20.806	41.725	3.6297
#2	.38194	.63869	7.4481	.41632	1.2716	21.020	43.262	3.6563
#3	.38146	.64261	7.4448	.41603	1.2702	20.967	42.557	3.6674

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.989	20.119	4.2443	2.9026	4.2457	5.9531	13.678	3.6255
Stddev	.008	.248	.0122	.0023	.0150	.0473	.157	.0339
%RSD	.07129	1.2330	.28814	.07839	.35412	.79421	1.1507	.93506

#1	10.995	19.836	4.2579	2.9019	4.2295	5.9002	13.501	3.5864
#2	10.980	20.298	4.2405	2.9006	4.2592	5.9912	13.802	3.6470
#3	10.991	20.224	4.2344	2.9051	4.2484	5.9679	13.731	3.6432

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	2.7725	.42710	1.0583	.47217	6.4876	4.5215	.38432	1.1277
Stddev	.0015	.00056	.0054	.00384	.0398	.0215	.00231	.0057
%RSD	.05587	.13100	.51361	.81338	.61420	.47573	.59991	.50175

#1	2.7737	.42704	1.0520	.46799	6.4861	4.4970	.38245	1.1212
#2	2.7708	.42658	1.0613	.47554	6.5282	4.5373	.38361	1.1304
#3	2.7732	.42769	1.0616	.47299	6.4485	4.5301	.38690	1.1316

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5769	.19412	1.5695	.61252	2.0721	6.2230	53.308
Stddev	.0056	.00077	.0126	.00083	.0159	.0307	.448
%RSD	.15700	.39888	.80556	.13498	.76693	.49390	.84011

#1	3.5712	.19328	1.5552	.61162	2.0552	6.1915	52.854
#2	3.5824	.19428	1.5744	.61269	2.0867	6.2529	53.749
#3	3.5771	.19480	1.5790	.61325	2.0744	6.2244	53.322

Sample Name: S5 Acquired: 04/03/2019 11:43:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	2273.2	3035.6	54227.	11649.	3444.9
Stddev	12.8	1.2	219.	91.	5.6
%RSD	.56196	.03967	.40349	.78533	.16197
#1	2276.6	3035.7	54201.	11751.	3439.0
#2	2259.1	3034.3	54023.	11573.	3450.1
#3	2284.0	3036.7	54458.	11624.	3445.5

Sample Name: S6 Acquired: 04/03/2019 11:48:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	54.601	32.648	15.825	6.0474	2.9180
Stddev	.640	.391	.027	.0136	.0059
%RSD	1.1721	1.1975	.17214	.22525	.20285

#1	53.906	32.468	15.830	6.0484	2.9221
#2	54.732	32.380	15.795	6.0333	2.9112
#3	55.165	33.097	15.849	6.0604	2.9208

Int. Std.	Y_3710
Units	Cts/S
Avg	11401.
Stddev	28.
%RSD	.24266

#1	11419.
#2	11415.
#3	11369.

Sample Name: ICV Acquired: 04/03/2019 11:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.9221224	1.023620	.9609659	.9756697	1.019809	2.339866
Stddev	.0056563	.002567	.0032291	.0030592	.001500	.003292
%RSD	.6134042	.2507546	.3360268	.3135518	.1470975	.1406954

#1	.9277339	1.026550	.9614476	.9787189	1.021242	2.337426
#2	.9222111	1.022539	.9575229	.9726005	1.019936	2.338563
#3	.9164222	1.021770	.9639270	.9756897	1.018250	2.343611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172550	.4989060	.4787484	10.59973	.5296432	.5053399
Stddev	.0007779	.0029572	.0013610	.06100	.0027847	.0018747
%RSD	.1503917	.5927477	.2842907	.5754843	.5257612	.3709780

#1	.5164314	.4982714	.4786998	10.53332	.5271877	.5051943
#2	.5179774	.4963176	.4774123	10.65326	.5326688	.5035423
#3	.5173561	.5021290	.4801330	10.61260	.5290731	.5072832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144572	5.413449	.5217223	6.071659	.5209129	.4585607
Stddev	.0032915	.030667	.0040115	.030643	.0015708	.0019441
%RSD	.6398041	.5665001	.7688955	.5046911	.3015415	.4239619

#1	.5179738	5.395171	.5171083	6.049489	.5206294	.4605357
#2	.5139474	5.448854	.5243840	6.058861	.5195032	.4566490
#3	.5114503	5.396322	.5236745	6.106626	.5226062	.4584972

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35983	.5368658	1.006850	9.906153	F 1.373026	F 2.336769
Stddev	.08218	.0022697	.013004	.028756	.002473	.015416
%RSD	.7932698	.4227622	1.291506	.2902836	.1801272	.6597282

#1	10.43704	.5381488	1.015877	9.887272	1.370627	2.330150
#2	10.36901	.5382035	1.012728	9.891940	1.375567	2.325767
#3	10.27345	.5342452	.991946	9.939248	1.372883	2.354389

Sample Name: ICV Acquired: 04/03/2019 11:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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 2.134418	F 1.307843	F 2.147284	F 2.114752	F 2.286466	F 1.237548
Stddev	.005077	.011633	.015576	.005235	.007547	.005009
%RSD	.2378527	.8895133	.7253650	.2475692	.3300818	.4047250

#1	2.130432	1.321265	2.142536	2.114878	2.277835	1.232496
#2	2.140134	1.300669	2.134635	2.109455	2.289741	1.237637
#3	2.132689	1.301595	2.164681	2.119924	2.291823	1.242512

Elem	Sr4077
Units	ppm
Avg	F 1.292315
Stddev	.001481
%RSD	.1145905

#1	1.290607
#2	1.293091
#3	1.293246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.901	3709.587	58632.45	12240.61	4410.960
Stddev	15.502	2.769	222.97	35.75	13.286
%RSD	.5743916	.0746510	.3802880	.2920486	.3011935

#1	2695.749	3707.462	58739.19	12278.22	4408.961
#2	2685.217	3712.719	58376.17	12236.54	4425.132
#3	2715.737	3708.581	58781.99	12207.08	4398.787

Sample Name: ICB Acquired: 04/03/2019 12:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.0019883	-.000207	-.001135	-.002204	.0021953	-.005159	-.001316
Stddev	.0028801	.001816	.000742	.002331	.0005259	.006611	.000593
%RSD	144.8497	877.4734	65.37167	105.7545	23.95477	128.1434	45.04442

#1	.0000232	-.001908	-.000414	-.000529	.0027027	-.008803	-.001678
#2	.0006475	-.000418	-.001897	-.001218	.0016527	-.009146	-.001639
#3	.0052944	.001705	-.001095	-.004867	.0022305	.002472	-.000632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001211	.0000110	-.000923	.0008139	-.000041	.0038038	-.002977
Stddev	.0000685	.0000305	.001679	.0003467	.000175	.0013179	.006324
%RSD	56.58836	276.6576	181.9521	42.59369	425.5035	34.64770	212.4374

#1	.0001992	.0000076	-.001796	.0009326	-.000229	.0052309	-.006724
#2	.0000711	.0000431	-.001986	.0004235	-.000011	.0035483	-.006531
#3	.0000930	-.000018	.001013	.0010857	.000117	.0026324	.004324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002477	-.006751	-.000154	-.000529	.1391388	.0016033	-.000971
Stddev	.0003740	.024769	.000487	.000158	.1121851	.0015257	.000943
%RSD	151.0032	366.9095	315.4563	29.87682	80.62817	95.15937	97.13827

#1	.0005654	.021568	-.000543	-.000481	.0132910	.0026666	-.001527
#2	.0003421	-.024382	-.000312	-.000400	.1754688	-.000145	.000118
#3	-.000164	-.017439	.000392	-.000705	.2286567	.002288	-.001504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723507	.0015776	.0007485	.0003004	.0003695	-.007566	.0009004
Stddev	.0173230	.0005937	.0010869	.0006456	.0042078	.001233	.0015166
%RSD	23.94306	37.63560	145.1986	214.9392	1138.826	16.29637	168.4410

#1	.0634833	.0022490	-.000060	.0009412	.0031324	-.007217	.0013188
#2	.0612566	.0011219	.000321	.0003099	-.004473	-.006546	.0021638
#3	.0923122	.0013618	.001984	-.000350	.002449	-.008936	-.000781

Sample Name: ICB Acquired: 04/03/2019 12:02:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.0017994	.0031829	.0000557
Stddev	.0021131	.0012907	.0000901
%RSD	117.4345	40.55044	161.6365

#1	.0042197	.0044817	.0000392
#2	.0003211	.0019005	-.000025
#3	.0008574	.0031665	.000153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.516	3691.733	58211.84	12084.62	4374.451
Stddev	4.633	9.736	22.90	44.24	14.778
%RSD	.1719946	.2637289	.0393409	.3660540	.3378175

#1	2698.862	3692.894	58192.60	12083.16	4364.825
#2	2690.702	3681.468	58237.17	12041.13	4367.062
#3	2690.983	3700.836	58205.74	12129.57	4391.466

Sample Name: ICSA Acquired: 04/03/2019 12:06:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	-.001557	.0061272	-.000312	-.019923	.0083147	258.9172
Stddev	.003008	.0030526	.001609	.003145	.0019906	.7098
%RSD	193.1914	49.82009	516.0041	15.78662	23.94051	.2741336

#1	.000939	.0036594	.001535	-.016299	.0101977	259.6543
#2	-.000713	.0095407	-.001405	-.021943	.0085148	258.8590
#3	-.004898	.0051814	-.001066	-.021527	.0062316	258.2384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053828	.0009356	-.000057	274.1177	.0525499	.0010362
Stddev	.0007983	.0001916	.000050	1.7792	.0006661	.0003598
%RSD	14.83098	20.48008	87.63337	.6490708	1.267528	34.72177

#1	.0044759	.0011248	-.000084	276.0963	.0530512	.0013715
#2	.0059792	.0009404	-.000086	273.6076	.0528044	.0010810
#3	.0056934	.0007416	.000001	272.6492	.0517941	.0006561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004691	109.5581	.0149364	281.0655	.0006678	-.008981
Stddev	.001925	.4630	.0003254	1.1966	.0005990	.000380
%RSD	41.03840	.4226030	2.178464	.4257260	89.69269	4.231623

#1	-.005365	110.0421	.0145677	282.3928	.0006599	-.008776
#2	-.002520	109.5127	.0151833	280.7343	.0012706	-.009420
#3	-.006189	109.1195	.0150583	280.0694	.0000728	-.008748

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.240575	.0043832	-.001020	-.337061	.0096332	F -.235968
Stddev	.034674	.0017321	.001062	.063494	.0016780	.003753
%RSD	14.41279	39.51578	104.1351	18.83753	17.41900	1.590433

#1	-.280205	.0028386	-.000635	-.318034	.0112841	-.237193
#2	-.225692	.0040552	-.000204	-.407893	.0079293	-.238955
#3	-.215827	.0062559	-.002220	-.285256	.0096863	-.231755

Sample Name: ICSA Acquired: 04/03/2019 12:06:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.0013979	-.002205	-.012280	-.004598	-.004036	.0043050
Stddev	.0008078	.011685	.002575	.002243	.000232	.0011910
%RSD	57.78280	529.9277	20.96513	48.77183	5.745366	27.66700

#1	.0016043	-.002030	-.009360	-.007097	-.004253	.0048706
#2	.0005070	.009392	-.014223	-.002760	-.003791	.0029365
#3	.0020825	-.013977	-.013257	-.003938	-.004063	.0051078

Elem	Sr4077
Units	ppm
Avg	.1110071
Stddev	.0002349
%RSD	.2116216

#1	.1112703
#2	.1108186
#3	.1109325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.624	3461.440	56194.54	11850.88	3886.039
Stddev	19.191	10.565	287.54	83.16	19.550
%RSD	.7544696	.3052056	.5116782	.7017455	.5030875

#1	2556.575	3469.211	56521.58	11755.53	3885.972
#2	2552.721	3465.698	56080.63	11908.47	3905.623
#3	2521.577	3449.411	55981.41	11888.62	3866.522

Sample Name: ICSAB Acquired: 04/03/2019 12:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) 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	.0962085	.1247334	.0497511	.0324739	.6382949	249.1844
Stddev	.0014176	.0021300	.0030294	.0043125	.0032348	.3871
%RSD	1.473501	1.707630	6.089106	13.27985	.5067926	.1553346

#1	.0972644	.1239001	.0532409	.0366485	.6383661	248.7836
#2	.0967637	.1271540	.0482141	.0280356	.6350251	249.5561
#3	.0945972	.1231460	.0477984	.0327377	.6414936	249.2135

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5542504	.5311107	1.004145	262.2234	.5951097	.5343908
Stddev	.0011417	.0033268	.000674	.7922	.0008637	.0005141
%RSD	.2059827	.6263895	.0671319	.3021026	.1451370	.0962021

#1	.5530459	.5283980	1.004880	261.7655	.5957153	.5346334
#2	.5553167	.5348226	1.004001	263.1381	.5954932	.5338003
#3	.5543886	.5301113	1.003555	261.7665	.5941207	.5347388

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144041	104.9297	.5559535	269.1889	1.073771	.1966395
Stddev	.0036873	.3428	.0027673	.6700	.001419	.0009221
%RSD	.7168100	.3266848	.4977616	.2488848	.1321796	.4689489

#1	.5183822	104.7362	.5561422	268.5041	1.074681	.1956021
#2	.5137292	105.3255	.5586216	269.8430	1.074497	.1969503
#3	.5111008	104.7275	.5530966	269.2195	1.072136	.1973661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184691	.5523583	1.061751	-.399295	.8542547	F 1.181995
Stddev	.045887	.0026973	.007832	.050260	.0088167	.013393
%RSD	24.84534	.4883294	.7376237	12.58730	1.032089	1.133051

#1	-.137428	.5554672	1.065660	-.355508	.8459612	1.166535
#2	-.187578	.5509670	1.052734	-.454175	.8532880	1.189417
#3	-.229066	.5506408	1.066858	-.388201	.8635149	1.190033

Sample Name: ICSAB Acquired: 04/03/2019 12:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.315207	.8059862	1.273063	F 1.365225	1.291883	.7537620
Stddev	.023719	.0053339	.013419	.022534	.008549	.0041710
%RSD	1.803423	.6617887	1.054110	1.650597	.6617567	.5533610
#1	1.292669	.8121361	1.257568	1.342751	1.285331	.7489792
#2	1.312998	.8026189	1.280696	1.365106	1.288765	.7556626
#3	1.339952	.8032038	1.280926	1.387819	1.301554	.7566443

Elem	Sr4077
Units	ppm
Avg	.8294425
Stddev	.0062685
%RSD	.7557461
#1	.8228596
#2	.8301276
#3	.8353403

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.702	3497.258	56883.46	12079.67	3919.735
Stddev	7.139	13.224	47.92	56.16	14.799
%RSD	.2777000	.3781310	.0842508	.4649250	.3775532
#1	2574.086	3482.005	56899.37	12132.83	3903.859
#2	2575.519	3505.513	56921.41	12020.93	3922.197
#3	2562.500	3504.255	56829.61	12085.26	3933.148

Sample Name: CCV062 Acquired: 04/03/2019 12:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.822613	4.819313	24.12408	4.683587	4.800398	415.8980
Stddev	.033254	.011713	.05373	.009410	.015827	.9888
%RSD	.6895512	.2430376	.2227366	.2009118	.3297074	.2377626

#1	4.798461	4.810402	24.08644	4.685559	4.792298	415.4320
#2	4.808835	4.814956	24.10019	4.673347	4.790261	417.0337
#3	4.860541	4.832579	24.18562	4.691854	4.818636	415.2282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.933742	.5408822	2.434000	412.1534	14.87924	2.469385
Stddev	.024124	.0015060	.006411	1.7927	.02308	.008189
%RSD	.2428450	.2784315	.2633756	.4349660	.1551457	.3316211

#1	9.939533	.5396777	2.430618	411.2218	14.85448	2.464106
#2	9.954442	.5425707	2.429989	414.2201	14.88308	2.465231
#3	9.907249	.5403982	2.441393	411.0182	14.90017	2.478818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92660	416.9892	14.93203	412.3672	2.451093	1.251223
Stddev	.05558	2.2768	.08164	2.1336	.008181	.004454
%RSD	.3723713	.5460151	.5467614	.5174098	.3337675	.3559967

#1	14.91497	415.6818	14.88440	410.9058	2.448851	1.251780
#2	14.98708	419.6182	15.02630	414.8157	2.444266	1.255373
#3	14.87775	415.6676	14.88539	411.3802	2.460161	1.246517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.2582	2.468269	14.56466	151.3792	4.972245	F 4.452033
Stddev	1.1492	.013410	.05393	.9518	.016652	.010001
%RSD	.2787565	.5432834	.3702965	.6287543	.3349042	.2246443

#1	411.4179	2.453920	14.55173	150.8325	4.962527	4.440513
#2	413.5677	2.470405	14.62388	152.4783	4.962736	4.457097
#3	411.7889	2.480483	14.51836	150.8269	4.991473	4.458491

Sample Name: CCV062 Acquired: 04/03/2019 12:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804569	4.951637	4.943363	4.935479	4.927519	4.979221
Stddev	.006563	.016729	.018446	.018303	.009895	.008629
%RSD	.1365998	.3378425	.3731532	.3708397	.2008086	.1732980

#1	4.799401	4.945651	4.933248	4.928494	4.921782	4.979508
#2	4.802352	4.938725	4.964654	4.921697	4.938945	4.987702
#3	4.811953	4.970535	4.932186	4.956246	4.921831	4.970452

Elem	Sr4077
Units	ppm
Avg	4.955229
Stddev	.017336
%RSD	.3498484

#1	4.973848
#2	4.952288
#3	4.939553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.850	3198.434	54749.87	11629.14	3546.919
Stddev	5.673	5.197	116.35	27.22	5.610
%RSD	.2365856	.1624781	.2125137	.2340610	.1581548

#1	2400.005	3192.524	54808.35	11643.96	3541.797
#2	2391.415	3202.288	54615.88	11597.73	3552.914
#3	2402.130	3200.490	54825.38	11645.73	3546.045

Sample Name: CCB062 Acquired: 04/03/2019 12:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001803	.0001069	-.001347	-.000094	.0027423	-.003872	-.001065
Stddev	.0009904	.0008015	.001166	.002716	.0019885	.004586	.000986
%RSD	549.2051	750.0127	86.59036	2902.293	72.51166	118.4449	92.55411

#1	.0001097	-.000679	-.002656	-.001669	.0047006	.000781	-.002127
#2	.0012041	.000923	-.000966	.003042	.0007250	-.004008	-.000181
#3	-.000773	.000076	-.000419	-.001654	.0028012	-.008388	-.000886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000837	.0000401	.0049370	.0006758	.0001496	.0045947	-.003469
Stddev	.0001229	.0000525	.0104153	.0001047	.0004570	.0016373	.002625
%RSD	146.7456	131.0659	210.9666	15.49490	305.4987	35.63316	75.66732

#1	-.000034	.0000836	.0167173	.0006744	-.000002	.0064616	-.004235
#2	.000074	-.000018	-.003050	.0005717	.000663	.0039195	-.005624
#3	.000211	.000055	.001143	.0007811	-.000212	.0034031	-.000546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003827	-.011164	-.000044	.0000509	-.009559	.0021033	.0006047
Stddev	.0003279	.025260	.000539	.0003051	.268998	.0003126	.0018156
%RSD	85.66190	226.2558	1238.936	599.9699	2814.081	14.86059	300.2633

#1	.0007423	-.009551	.000114	.0001630	-.156613	.0023840	-.000030
#2	.0001004	-.037192	-.000644	.0002840	.300910	.0021594	.002652
#3	.0003055	.013250	.000399	-.000294	-.172974	.0017665	-.000809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232395	.0012497	.0023481	.0005090	-.005643	-.008636	.0005904
Stddev	.0498833	.0017352	.0012650	.0005444	.004522	.002060	.0005350
%RSD	214.6491	138.8465	53.87519	106.9437	80.13964	23.85030	90.62187

#1	.0772947	.0030852	.0009087	.0003550	-.010756	-.009974	.0007746
#2	.0134416	-.000364	.0028521	.0011138	-.004007	-.009669	-.000012
#3	-.021018	.001028	.0032834	.0000583	-.002167	-.006264	.001009

Sample Name: CCB062 Acquired: 04/03/2019 12:24:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003205	.0050938	-.000009
Stddev	.0017863	.0011875	.000084
%RSD	557.2953	23.31271	948.6919

#1	-.001542	.0037226	.000025
#2	.000483	.0057818	.000053
#3	.002020	.0057770	-.000105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.449	3665.781	57919.42	12063.31	4368.392
Stddev	13.863	4.706	311.09	58.87	2.265
%RSD	.5168177	.1283656	.5371082	.4880379	.0518395

#1	2678.264	3667.629	57776.12	12036.61	4370.707
#2	2671.160	3669.282	57705.81	12022.53	4368.290
#3	2697.923	3660.432	58276.34	12130.81	4366.181

Sample Name: K2116-10 Acquired: 04/03/2019 12:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114228	-.000707	.0046045	.0010141	.0017558	-.100707	.5773965
Stddev	.0017009	.003409	.0017137	.0046670	.0015769	.001908	.0017297
%RSD	14.89020	482.2713	37.21705	460.2303	89.80698	1.894707	.2995688

#1	.0119429	.001426	.0054673	.0061997	.0033082	-.101082	.5793750
#2	.0095226	.001092	.0026309	-.002849	.0001556	-.098639	.5766440
#3	.0128029	-.004639	.0057153	-.000309	.0018036	-.102400	.5761705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001632	-.000029	235.3830	.0019967	-.001142	-.003900	4.753015
Stddev	.0000625	.000098	1.3539	.0003484	.000337	.001278	.027431
%RSD	38.30088	338.3715	.5751928	17.45035	29.52672	32.77532	.5771326

#1	.0001138	.000067	236.5801	.0021491	-.000946	-.003171	4.768614
#2	.0001424	-.000129	235.6553	.0015980	-.001531	-.005376	4.769091
#3	.0002335	-.000026	233.9136	.0022430	-.000949	-.003154	4.721342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584022	83.28438	.0012842	-.000741	741.1144	.0069595	.0029604
Stddev	.0008161	.35060	.0001611	.000472	1.4259	.0017121	.0012653
%RSD	1.397376	.4209645	12.54681	63.70909	.1924052	24.60105	42.74191

#1	.0592784	83.56712	.0013654	-.000624	742.7174	.0049934	.0043690
#2	.0582643	83.39394	.0010986	-.000338	740.6385	.0081217	.0025921
#3	.0576638	82.89209	.0013885	-.001260	739.9873	.0077634	.0019201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.982011	.2368337	.8709177	.0098472	29.26892	31.62681	-.008452
Stddev	.100816	.0043112	.0068401	.0004044	.03198	.26991	.002732
%RSD	1.685311	1.820347	.7853928	4.107100	.1092471	.8534356	32.31795

#1	5.867426	.2386063	.8786877	.0096534	29.29874	31.92800	-.005300
#2	6.021513	.2319188	.8658048	.0103121	29.23515	31.54561	-.009934
#3	6.057094	.2399760	.8682606	.0095762	29.27287	31.40681	-.010123

Sample Name: K2116-10 Acquired: 04/03/2019 12:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001555	.0257959	1.904376
Stddev	.000157	.0019826	.004981
%RSD	10.06535	7.685565	.2615808

#1	-.001608	.0235389	1.908431
#2	-.001679	.0265926	1.905881
#3	-.001379	.0272562	1.898815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.643	3558.124	58040.77	12150.86	3968.096
Stddev	20.767	6.029	323.99	89.49	4.572
%RSD	.7823000	.1694393	.5582159	.7364784	.1152250

#1	2660.967	3564.970	57930.61	12053.14	3968.216
#2	2671.513	3553.606	58405.48	12228.82	3972.607
#3	2631.449	3555.796	57786.22	12170.60	3963.465

Sample Name: K2116-11 Acquired: 04/03/2019 12:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146030	.0004856	.0028436	-.005908	.0029388	-.060147	.1144106
Stddev	.0021310	.0006964	.0014175	.003011	.0009609	.006416	.0000943
%RSD	14.59315	143.4188	49.84653	50.97714	32.69741	10.66759	.0824035

#1	.0147514	.0003749	.0044246	-.008631	.0032235	-.065735	.1144610
#2	.0124016	.0012307	.0024202	-.002673	.0018677	-.061564	.1143019
#3	.0166559	-.000149	.0016861	-.006418	.0037253	-.053140	.1144691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003865	-.000137	136.9931	-.002722	.0000398	-.006320	29.88972
Stddev	.0000916	.000145	1.4299	.000272	.0002706	.001677	.17978
%RSD	23.70377	106.1382	1.043803	9.990082	680.6361	26.53610	.6014618

#1	.0004168	.000025	135.4568	-.002714	.0003455	-.004747	29.73879
#2	.0002836	-.000255	137.2372	-.002997	-.000169	-.008085	29.84175
#3	.0004592	-.000180	138.2853	-.002454	-.000057	-.006128	30.08861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3867655	30.76330	.0006060	-.002518	46.77484	.0004774	.0020727
Stddev	.0045596	.26984	.0005327	.000425	.22261	.0029494	.0011368
%RSD	1.178899	.8771448	87.89986	16.88003	.4759220	617.7425	54.84835

#1	.3832930	30.46071	.0010610	-.003005	46.59178	.0021932	.0019701
#2	.3850745	30.85021	.0007371	-.002323	46.71009	-.002928	.0009906
#3	.3919290	30.97896	.0000200	-.002225	47.02265	.002167	.0032573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.705044	.0152467	.5518436	.0048950	4.782898	18.81628	-.008399
Stddev	.044496	.0008075	.0098995	.0002215	.001994	.35512	.001405
%RSD	.7799459	5.296346	1.793889	4.524319	.0416911	1.887286	16.72963

#1	5.671656	.0143528	.5520643	.0046614	4.783080	18.95776	-.008832
#2	5.687918	.0154640	.5418356	.0051019	4.780819	18.41223	-.006828
#3	5.755559	.0159234	.5616308	.0049218	4.784795	19.07885	-.009536

Sample Name: K2116-11 Acquired: 04/03/2019 12:32:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004145	.0066461	.5108027
Stddev	.001647	.0024092	.0001208
%RSD	39.73894	36.25028	.0236530

#1	-.006026	.0093435	.5107679
#2	-.003447	.0047080	.5107032
#3	-.002961	.0058868	.5109371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.251	3702.986	60916.60	12466.40	4377.206
Stddev	194.123	8.434	4484.19	54.35	3.686
%RSD	6.905201	.2277523	7.361198	.4359857	.0842175

#1	2751.099	3711.701	59396.14	12518.77	4381.172
#2	3028.330	3694.865	65963.33	12470.17	4376.563
#3	2654.325	3702.393	57390.32	12410.26	4373.884

Sample Name: K2116-12 Acquired: 04/03/2019 12:36:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000304	.0075735	.0132080	-.027034	.0084361	-.195970	.4469232
Stddev	.001876	.0019786	.0025436	.001662	.0007315	.013997	.0010692
%RSD	618.1002	26.12565	19.25833	6.149034	8.670928	7.142610	.2392391

#1	.001027	.0090223	.0110821	-.025419	.0076913	-.185658	.4479343
#2	-.002449	.0083791	.0125158	-.026944	.0084636	-.190348	.4458041
#3	.000512	.0053192	.0160261	-.028740	.0091535	-.211904	.4470314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016059	-.000041	442.9640	-.020320	.0582381	-.012755	201.4595
Stddev	.0001228	.000116	2.0862	.000209	.0004953	.002446	.6285
%RSD	7.645379	280.6717	.4709653	1.027358	.8504229	19.17277	.3119754

#1	.0014813	.000090	441.6105	-.020082	.0587437	-.014600	200.9494
#2	.0017268	-.000082	445.3666	-.020475	.0582168	-.013684	202.1617
#3	.0016096	-.000132	441.9150	-.020402	.0577539	-.009981	201.2676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.532878	55.94812	.0107944	-.016451	509.5030	.0097467	.0025844
Stddev	.016785	.16937	.0003315	.000216	.5256	.0014438	.0017849
%RSD	.6626873	.3027283	3.071420	1.315299	.1031591	14.81351	69.06679

#1	2.520293	55.76674	.0108568	-.016682	508.9113	.0098951	.0009766
#2	2.551936	55.97546	.0110902	-.016254	509.6820	.0111106	.0022713
#3	2.526406	56.10216	.0104361	-.016417	509.9157	.0082344	.0045051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.62591	.3226567	.7855520	-.001941	2.302646	45.28648	-.003711
Stddev	.05540	.0039708	.0052973	.000391	.020657	.14316	.001517
%RSD	.4387540	1.230653	.6743371	20.17218	.8970942	.3161318	40.88573

#1	12.65743	.3265261	.7794837	-.001564	2.307528	45.13620	-.005458
#2	12.65835	.3185918	.7892514	-.002346	2.320425	45.42127	-.002954
#3	12.56194	.3228521	.7879210	-.001913	2.279986	45.30196	-.002721

Sample Name: K2116-12 Acquired: 04/03/2019 12:36:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.014128	.0233375	1.569841
Stddev	.001519	.0024755	.000229
%RSD	10.74886	10.60742	.0145806

#1	-.015740	.0247489	1.569856
#2	-.012725	.0247846	1.570062
#3	-.013918	.0204792	1.569605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.617	3566.566	58915.98	12756.68	4057.444
Stddev	29.313	25.714	293.98	29.66	31.419
%RSD	1.107562	.7209836	.4989794	.2324836	.7743629

#1	2613.786	3558.165	58592.18	12723.92	4041.332
#2	2670.164	3546.103	59166.14	12764.41	4037.349
#3	2655.900	3595.430	58989.61	12781.70	4093.651

Sample Name: K2116-13 Acquired: 04/03/2019 12:41:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032865	.0022076	.0027326	-.004085	.0015922	-.072170	.1343922
Stddev	.0015755	.0022503	.0005239	.001386	.0030280	.007560	.0039404
%RSD	47.93893	101.9338	19.17329	33.93757	190.1807	10.47476	2.931984

#1	.0026867	.0019993	.0030328	-.003557	.0048242	-.071530	.1308351
#2	.0050739	.0045549	.0021277	-.005658	.0011311	-.064952	.1386277
#3	.0020990	.0000687	.0030374	-.003040	-.001179	-.080030	.1337138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002273	-.000003	154.2356	-.001139	-.001022	-.005267	13.50416
Stddev	.0000338	.000094	2.6547	.000071	.000207	.002288	.23865
%RSD	14.86928	3307.005	1.721179	6.197351	20.25317	43.44452	1.767237

#1	.0002428	.000098	151.4674	-.001220	-.001231	-.002998	13.24075
#2	.0002505	-.000020	154.4796	-.001101	-.000817	-.005229	13.56574
#3	.0001885	-.000087	156.7599	-.001094	-.001016	-.007574	13.70598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566616	31.23324	.0006216	-.001090	71.17225	.0042868	.0016871
Stddev	.041864	.52546	.0002246	.000148	1.41671	.0004763	.0008088
%RSD	1.631087	1.682384	36.13820	13.60501	1.990535	11.11104	47.93621

#1	2.524001	30.65064	.0003946	-.001241	69.67714	.0037644	.0025874
#2	2.568160	31.37777	.0006265	-.001083	71.34485	.0046970	.0010220
#3	2.607685	31.67131	.0008438	-.000945	72.49474	.0043990	.0014519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.853588	.6110804	.6175402	-.000116	20.35114	17.44056	-.011118
Stddev	.148076	.0010356	.0111522	.000308	.04274	.35543	.001988
%RSD	1.672494	.1694763	1.805900	265.8154	.2099946	2.037927	17.87680

#1	8.687175	.6122757	.6047713	-.000453	20.31912	17.03015	-.009142
#2	8.902788	.6104503	.6224804	.000150	20.39967	17.64553	-.013117
#3	8.970801	.6105153	.6253690	-.000045	20.33462	17.64601	-.011095

Sample Name: K2116-13 Acquired: 04/03/2019 12:41:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005197	.0158938	.4694892
Stddev	.001508	.0022242	.0084290
%RSD	29.01560	13.99435	1.795348

#1	-.004027	.0142938	.4597602
#2	-.006899	.0149539	.4745945
#3	-.004665	.0184337	.4741128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.925	3682.488	60132.16	12578.60	4352.684
Stddev	53.073	6.118	739.34	144.54	8.968
%RSD	1.924398	.1661380	1.229529	1.149057	.2060362

#1	2712.622	3687.899	59493.14	12745.34	4358.223
#2	2744.833	3683.717	59961.39	12488.89	4357.492
#3	2816.319	3675.849	60941.94	12501.57	4342.337

Sample Name: K2116-14 Acquired: 04/03/2019 12:45:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042691	.0009492	.0032968	-.004970	.0028402	-.057343	.1335390
Stddev	.0005237	.0012215	.0022250	.003600	.0014242	.002016	.0016042
%RSD	12.26737	128.6892	67.48996	72.42569	50.14451	3.515200	1.201318

#1	.0048702	.0022122	.0010851	-.000991	.0042302	-.058598	.1350990
#2	.0039119	-.000226	.0032705	-.008000	.0029064	-.058414	.1336240
#3	.0040251	.000861	.0055349	-.005920	.0013841	-.055018	.1318939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001932	-.000078	155.2642	-.001048	-.001312	-.005329	13.62274
Stddev	.0000244	.000159	.6241	.000241	.000178	.001355	.04371
%RSD	12.62561	203.9266	.4019648	22.96706	13.57954	25.42265	.3208756

#1	.0002167	.000099	154.5456	-.000949	-.001109	-.003937	13.59698
#2	.0001680	-.000122	155.6703	-.001322	-.001386	-.005406	13.67321
#3	.0001950	-.000210	155.5768	-.000872	-.001441	-.006643	13.59803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.608416	31.05171	.0000814	-.000729	71.34700	.0018834	.0051308
Stddev	.013147	.11962	.0004398	.000407	.43728	.0022490	.0022635
%RSD	.5040364	.3852388	540.3088	55.77748	.6128954	119.4097	44.11523

#1	2.593235	30.94254	-.000422	-.000308	71.10789	.0044780	.0043943
#2	2.615875	31.03301	.000277	-.000760	71.08142	.0004919	.0076708
#3	2.616136	31.17958	.000389	-.001120	71.85170	.0006803	.0033273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.874650	.5959906	.6124660	.0004106	20.47533	17.36922	-.008504
Stddev	.068560	.0024030	.0013845	.0006333	.03334	.02765	.000881
%RSD	.7725412	.4032027	.2260513	154.2356	.1628304	.1591959	10.36257

#1	8.917522	.5970688	.6133966	.0003105	20.51383	17.33955	-.009462
#2	8.795578	.5976657	.6131264	-.000167	20.45619	17.39428	-.007727
#3	8.910852	.5932373	.6108750	.001088	20.45597	17.37384	-.008325

Sample Name: K2116-14 Acquired: 04/03/2019 12:45:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDN7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004427	.0156242	.4711051
Stddev	.000713	.0012166	.0015013
%RSD	16.09592	7.786852	.3186741

#1	-.004923	.0153934	.4721004
#2	-.004748	.0145395	.4693783
#3	-.003610	.0169397	.4718367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.084	3659.825	59428.48	12341.39	4323.050
Stddev	8.706	.836	49.64	25.88	4.252
%RSD	.3189049	.0228380	.0835339	.2096850	.0983539

#1	2728.663	3660.690	59373.10	12356.18	4319.975
#2	2722.175	3659.763	59443.35	12311.51	4327.902
#3	2739.413	3659.022	59468.99	12356.47	4321.274

Sample Name: K2116-15 Acquired: 04/03/2019 12:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150098	.0006405	.0006121	-.000282	.0019389	.0027005
Stddev	.0014621	.0006484	.0006686	.001734	.0013490	.0190406
%RSD	9.741047	101.2266	109.2172	614.1523	69.57820	705.0774

#1	.0149998	.0009823	.0004558	-.002035	.0032495	-.007979
#2	.0164768	.0010465	.0000356	.001433	.0020127	-.008603
#3	.0135527	-.000107	.0013450	-.000245	.0005544	.024684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473881	.0002169	-.000087	24.29846	-.000060	.0005864
Stddev	.0004144	.0001027	.000015	.20114	.000195	.0005293
%RSD	.8744512	47.35157	17.33263	.8278013	322.8449	90.26431

#1	.0471467	.0001457	-.000092	24.18527	-.000153	.0011842
#2	.0471511	.0001704	-.000098	24.53069	.000164	.0001776
#3	.0478666	.0003346	-.000070	24.17941	-.000192	.0003973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003180	.5447933	.6823467	21.72946	.0114656	-.000881
Stddev	.000110	.0100917	.0075402	.13620	.0000644	.000203
%RSD	3.445057	1.852381	1.105043	.6268062	.5620754	23.03429

#1	-.003054	.5334710	.6752272	21.62203	.0113989	-.000758
#2	-.003234	.5480680	.6902469	21.88265	.0115275	-.001115
#3	-.003252	.5528409	.6815660	21.68369	.0114703	-.000769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 878.0294	.0026719	.0006074	6.620742	.1128537	1.047979
Stddev	3.1846	.0010842	.0010075	.058039	.0039364	.004017
%RSD	.3627042	40.57794	165.8818	.8766291	3.488035	.3833408

#1	875.9203	.0014484	-.000554	6.558268	.1172751	1.052581
#2	881.6927	.0035135	.001124	6.672986	.1115561	1.045174
#3	876.4751	.0030537	.001252	6.630973	.1097300	1.046182

Sample Name: K2116-15 Acquired: 04/03/2019 12:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1592754	4.100539	9.653004	-.004800	.0003768	-.009355
Stddev	.0008939	.020328	.027365	.002726	.0008180	.001848
%RSD	.5612214	.4957287	.2834874	56.77950	217.0789	19.75589

#1	.1592933	4.110123	9.632841	-.002739	-.000362	-.011035
#2	.1583727	4.077191	9.642016	-.003771	.000237	-.007375
#3	.1601602	4.114303	9.684155	-.007891	.001256	-.009654

Elem	Sr4077
Units	ppm
Avg	.7456960
Stddev	.0015470
%RSD	.2074613

#1	.7446004
#2	.7474657
#3	.7450219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.515	3593.828	58461.99	12331.12	4002.409
Stddev	22.690	7.841	550.05	45.43	10.159
%RSD	.8361842	.2181919	.9408630	.3684356	.2538337

#1	2698.205	3585.969	58142.42	12355.03	3994.804
#2	2739.583	3601.652	59097.12	12278.73	4013.946
#3	2702.757	3593.862	58146.41	12359.61	3998.476

Sample Name: K2116-16 Acquired: 04/03/2019 12:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068477	.0012945	.0016083	-.002873	.0020469	-.040975	.0678880
Stddev	.0026264	.0020023	.0010545	.001219	.0012178	.006110	.0015309
%RSD	38.35370	154.6688	65.56586	42.43647	59.49837	14.91205	2.255034

#1	.0098767	.0035997	.0004017	-.004174	.0008022	-.033920	.0680018
#2	.0054636	.0002960	.0020696	-.001756	.0021023	-.044425	.0693588
#3	.0052029	-.000012	.0023535	-.002691	.0032360	-.044580	.0663033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002517	-.000129	90.80038	-.000167	-.000604	-.005687	12.20211
Stddev	.0000656	.000034	.11241	.000411	.000426	.001404	.01896
%RSD	26.05795	26.73399	.1237964	246.0432	70.49026	24.69615	.1553558

#1	.0002534	-.000106	90.91314	.000304	-.000124	-.004102	12.19379
#2	.0001853	-.000112	90.79967	-.000351	-.000937	-.006777	12.22381
#3	.0003165	-.000168	90.68833	-.000455	-.000753	-.006182	12.18874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079913	20.99152	.0015707	-.001131	8.200478	.0018748	.0036746
Stddev	.0018699	.11020	.0002437	.000346	.295439	.0000721	.0007524
%RSD	.3681041	.5249942	15.51363	30.55187	3.602706	3.846177	20.47687

#1	.5065458	20.99700	.0012904	-.000851	8.537551	.0019498	.0044816
#2	.5073249	21.09888	.0017325	-.001517	7.986440	.0018059	.0035500
#3	.5101031	20.87868	.0016891	-.001024	8.077443	.0018687	.0029922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.393367	.2951329	.1164790	.0023286	7.205496	15.12924	-.007314
Stddev	.078520	.0031589	.0013786	.0004737	.014477	.05414	.000546
%RSD	1.455868	1.070324	1.183545	20.34345	.2009132	.3578590	7.458647

#1	5.374227	.2980262	.1166656	.0027765	7.219951	15.08995	-.006847
#2	5.326186	.2956098	.1177547	.0023765	7.205541	15.10677	-.007182
#3	5.479687	.2917627	.1150166	.0018327	7.190997	15.19100	-.007913

Sample Name: K2116-16 Acquired: 04/03/2019 12:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004013	-.001457	.2852585
Stddev	.000289	.000731	.0001523
%RSD	7.206505	50.18703	.0533925

#1	-.004347	-.000614	.2852512
#2	-.003867	-.001835	.2851100
#3	-.003827	-.001921	.2854143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.821	3733.005	59879.46	12437.14	4449.564
Stddev	13.999	14.399	97.58	36.23	8.058
%RSD	.5074207	.3857342	.1629585	.2912941	.1810960

#1	2769.413	3748.314	59923.57	12477.70	4458.826
#2	2764.099	3730.968	59767.61	12425.71	4445.708
#3	2742.950	3719.732	59947.19	12407.99	4444.159

Sample Name: K2116-17 Acquired: 04/03/2019 12:57:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062000	.0015714	.0019201	-.003387	.0012552	-.015953	.1417517
Stddev	.0025299	.0028751	.0013750	.001280	.0016289	.005972	.0003241
%RSD	40.80529	182.9674	71.61231	37.80234	129.7710	37.43379	.2286494

#1	.0070473	.0018476	.0003831	-.002324	.0028632	-.011137	.1418277
#2	.0033551	.0042984	.0023436	-.004809	-.000394	-.014088	.1420311
#3	.0081974	-.001432	.0030335	-.003029	.001296	-.022635	.1413964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001153	-.000162	49.61114	.0001384	-.001164	-.006923	.8185275
Stddev	.0000049	.000103	.42331	.0001950	.000489	.000636	.0052117
%RSD	4.273627	63.93534	.8532547	140.8892	42.03859	9.181299	.6367162

#1	.0001098	-.000045	49.18960	.0000414	-.001276	-.006189	.8179003
#2	.0001165	-.000243	50.03620	.0000110	-.001588	-.007289	.8240245
#3	.0001194	-.000197	49.60761	.0003630	-.000628	-.007290	.8136579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191786	16.11405	.0007205	-.000302	472.5270	.0039154	.0012379
Stddev	.0004695	.19187	.0003916	.000240	2.5903	.0006419	.0011219
%RSD	2.447808	1.190671	54.34532	79.49061	.5481714	16.39430	90.62793

#1	.0187808	15.90139	.0008318	-.000050	469.9951	.0045249	.0011856
#2	.0196964	16.27419	.0010444	-.000528	475.1719	.0039759	.0023850
#3	.0190585	16.16655	.0002854	-.000329	472.4139	.0032454	.0001431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.480970	.2847016	.2808805	.1663605	67.14090	20.46235	-.008107
Stddev	.064131	.0021022	.0042871	.0004449	.25163	.09539	.001809
%RSD	2.584897	.7384005	1.526322	.2674228	.3747822	.4661514	22.31484

#1	2.554519	.2835385	.2816431	.1668671	66.85577	20.45239	-.007066
#2	2.436733	.2834379	.2847351	.1660333	67.33186	20.56233	-.007059
#3	2.451659	.2871284	.2762632	.1661812	67.23508	20.37235	-.010196

Sample Name: K2116-17 Acquired: 04/03/2019 12:57:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003189	-.009463	.2187373
Stddev	.0002899	.002047	.0002203
%RSD	90.90731	21.63605	.1007210

#1	.0006089	-.010502	.2185241
#2	.0000291	-.007105	.2187237
#3	.0003187	-.010783	.2189641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.232	3634.594	58785.05	12345.95	4145.592
Stddev	16.717	12.408	369.51	60.69	15.307
%RSD	.6154505	.3413869	.6285785	.4915767	.3692402

#1	2732.760	3648.548	59177.47	12413.87	4162.900
#2	2716.603	3624.804	58733.90	12326.96	4133.836
#3	2699.332	3630.430	58443.78	12297.03	4140.039

Sample Name: K2116-18 Acquired: 04/03/2019 13:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048790	.0006466	.0010489	-.003325	.0010219	-.030574	.0861619
Stddev	.0029314	.0009551	.0010467	.002972	.0012882	.001911	.0008150
%RSD	60.08180	147.7029	99.79104	89.38850	126.0604	6.251549	.9459301

#1	.0082595	.0006811	.0012684	-.006757	.0011849	-.032725	.0857122
#2	.0033391	.0015840	.0019685	-.001631	.0022208	-.029925	.0871027
#3	.0030385	-.000325	-.000090	-.001587	-.000340	-.029072	.0856707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000773	-.000176	70.62600	-.000063	-.000729	-.005290	.2257047
Stddev	.0001293	.000054	.45984	.000243	.000149	.002611	.0072341
%RSD	167.2116	30.78352	.6510849	384.2333	20.44295	49.34834	3.205110

#1	.0002065	-.000125	70.10688	-.000309	-.000651	-.008142	.2261992
#2	.0000775	-.000233	70.98216	.000177	-.000900	-.004709	.2182360
#3	-.000052	-.000170	70.78898	-.000058	-.000635	-.003019	.2326788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2491226	18.86849	.0012905	-.000551	21.94754	-.001029	.0011887
Stddev	.0025574	.03967	.0002447	.000132	.03932	.001586	.0011672
%RSD	1.026565	.2102595	18.96511	23.98966	.1791455	154.0935	98.19243

#1	.2461703	18.83502	.0014854	-.000585	21.91401	-.002857	.0014578
#2	.2505420	18.91231	.0010158	-.000663	21.93780	-.000022	.0021979
#3	.2506556	18.85813	.0013702	-.000405	21.99082	-.000209	-.000090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.89884	.0063990	.1426409	.0307667	34.03396	7.273536	-.009268
Stddev	.13171	.0019871	.0007244	.0002013	.02211	.064517	.000186
%RSD	.8284506	31.05266	.5078358	.6542426	.0649635	.8870034	2.004358

#1	15.76067	.0062567	.1421820	.0307598	34.05929	7.237991	-.009482
#2	16.02297	.0044869	.1434759	.0305690	34.02404	7.348008	-.009153
#3	15.91287	.0084534	.1422647	.0309714	34.01855	7.234610	-.009169

Sample Name: K2116-18 Acquired: 04/03/2019 13:01:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDP5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003107	-.007716	.3783077
Stddev	.001024	.001387	.0023723
%RSD	32.95303	17.97277	.6270849

#1	-.002126	-.006118	.3766228
#2	-.004169	-.008601	.3810206
#3	-.003026	-.008430	.3772796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.578	3715.445	59301.93	12351.99	4438.554
Stddev	2.846	6.885	112.29	113.13	5.596
%RSD	.1040876	.1853025	.1893461	.9159124	.1260690

#1	2734.135	3721.633	59423.12	12421.16	4442.650
#2	2731.979	3716.673	59281.25	12221.44	4440.833
#3	2737.620	3708.029	59201.42	12413.39	4432.178

Sample Name: K2116-19 Acquired: 04/03/2019 13:05:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093118	.0010379	.0041362	-.004802	.0016182	-.039906	.2112024
Stddev	.0039727	.0021201	.0003638	.003624	.0016624	.003721	.0002463
%RSD	42.66330	204.2716	8.796483	75.47637	102.7331	9.323445	.1166272

#1	.0120739	.0008565	.0039110	-.004007	.0016052	-.043359	.2114867
#2	.0111027	.0032428	.0039417	-.008757	.0032870	-.040393	.2110522
#3	.0047589	-.000986	.0045560	-.001641	-.000038	-.035966	.2110683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001520	-.000107	91.89208	.0003648	-.000029	-.003269	1.300790
Stddev	.0001188	.000045	.63774	.0005070	.000393	.000923	.020237
%RSD	78.12044	42.41942	.6940129	138.9642	1376.703	28.22536	1.555785

#1	.0000489	-.000054	91.16427	-.000216	-.000012	-.002849	1.278045
#2	.0002819	-.000131	92.35310	.000721	.000356	-.002630	1.316807
#3	.0001252	-.000134	92.15888	.000589	-.000430	-.004326	1.307517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442031	47.56216	.0079603	-.000485	600.3187	.0025775	.0019683
Stddev	.0002879	.23890	.0003998	.000390	1.5302	.0016148	.0016512
%RSD	.6512221	.5022844	5.022597	80.37652	.2548931	62.65145	83.88710

#1	.0439286	47.28651	.0082162	-.000125	599.1932	.0016848	.0037949
#2	.0441779	47.69087	.0081652	-.000899	602.0610	.0016061	.0015282
#3	.0445027	47.70911	.0074996	-.000431	599.7020	.0044416	.0005818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.108535	.2394908	.7558822	.1684444	126.9403	23.62808	-.007065
Stddev	.117454	.0018319	.0032938	.0002465	.3114	.08165	.000374
%RSD	1.922784	.7649367	.4357601	.1463441	.2452971	.3455745	5.296543

#1	6.175196	.2391013	.7525830	.1682681	126.6910	23.61128	-.007415
#2	6.177491	.2378849	.7591706	.1687260	127.2894	23.71682	-.007108
#3	5.972917	.2414862	.7558928	.1683390	126.8406	23.55613	-.006671

Sample Name: K2116-19 Acquired: 04/03/2019 13:05:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002372	-.003330	.7606696
Stddev	.001376	.001222	.0001221
%RSD	58.02626	36.68762	.0160553

#1	-.001026	-.003188	.7606686
#2	-.003776	-.002185	.7605480
#3	-.002313	-.004616	.7607923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.664	3580.551	57786.31	12291.93	4043.873
Stddev	17.444	12.221	362.26	63.22	8.053
%RSD	.6548772	.3413191	.6268893	.5143383	.1991366

#1	2670.273	3591.828	57850.44	12363.19	4050.393
#2	2676.838	3582.258	58112.22	12270.01	4046.354
#3	2643.882	3567.566	57396.27	12242.58	4034.872

Sample Name: K2116-20 Acquired: 04/03/2019 13:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041355	.0014620	.0010429	-.000555	.0009764	-.020419	.0342776
Stddev	.0012425	.0027156	.0023904	.002006	.0011391	.002836	.0010686
%RSD	30.04487	185.7360	229.2007	361.6838	116.6636	13.88717	3.117367

#1	.0027121	-.001599	-.001285	.001702	-.000018	-.019576	.0338317
#2	.0050029	.002406	.003491	-.002135	.002219	-.023580	.0335043
#3	.0046915	.003580	.000922	-.001231	.000728	-.018100	.0354969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001111	-.000019	38.94392	.0002671	-.000727	-.006216	.4169733
Stddev	.0000544	.000083	.17051	.0004012	.000358	.001624	.0085235
%RSD	48.97104	428.0988	.4378260	150.1937	49.30642	26.12976	2.044130

#1	.0001145	.000032	39.11781	-.000058	-.001140	-.004451	.4267961
#2	.0001638	.000025	38.93695	.000145	-.000497	-.007648	.4125943
#3	.0000551	-.000115	38.77701	.000715	-.000544	-.006548	.4115294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400050	4.678866	.0015149	-.000649	7.683483	.0013895	.0034803
Stddev	.0005444	.017343	.0003404	.000643	.192680	.0013889	.0006600
%RSD	.3888190	.3706765	22.47275	99.19792	2.507718	99.96339	18.96410

#1	.1398127	4.697572	.0015636	.000090	7.831317	-.000175	.0032246
#2	.1406194	4.675705	.0011527	-.000949	7.753561	.002477	.0029864
#3	.1395829	4.663320	.0018283	-.001087	7.465572	.001867	.0042299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.462713	.0088283	.1226167	.0362153	20.42816	7.798143	-.007855
Stddev	.037689	.0008855	.0013474	.0001220	.08500	.015110	.001676
%RSD	.5831812	10.03003	1.098857	.3367300	.4160740	.1937678	21.33435

#1	6.503793	.0084482	.1213082	.0360781	20.38524	7.801671	-.006100
#2	6.454614	.0081962	.1225421	.0362562	20.37318	7.811177	-.008027
#3	6.429731	.0098403	.1239999	.0363115	20.52606	7.781581	-.009439

Sample Name: K2116-20 Acquired: 04/03/2019 13:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002030	-.008075	.1308983
Stddev	.0005273	.000569	.0001162
%RSD	259.7397	7.040931	.0887758

#1	-.000048	-.008709	.1310087
#2	.000809	-.007610	.1309093
#3	-.000152	-.007906	.1307770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.055	3762.128	59913.69	12471.71	4511.251
Stddev	5.359	2.180	276.01	10.22	8.992
%RSD	.1936610	.0579358	.4606863	.0819240	.1993307

#1	2772.891	3759.631	59991.45	12460.12	4518.337
#2	2762.356	3763.106	60142.49	12475.55	4514.282
#3	2765.918	3763.648	59607.14	12479.44	4501.135

Sample Name: K2116-21 Acquired: 04/03/2019 13:13:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000509	-.000229	-.001345	-.002739	.0008531	-.009830	-.001070
Stddev	.002500	.001422	.001601	.003570	.0016929	.000980	.001808
%RSD	491.4950	620.8745	119.0123	130.3378	198.4538	9.970562	168.9970

#1	-.000555	.001013	-.001580	-.003574	.0022052	-.008943	.000671
#2	.002014	.000081	-.002816	.001175	.0013996	-.010882	-.000943
#3	-.002985	-.001780	.000360	-.005816	-.001046	-.009663	-.002938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002314	-.000095	-.011864	-.000461	.0000070	-.008100	-.059374
Stddev	.0000705	.000015	.006807	.000309	.0002029	.001863	.005903
%RSD	30.48097	16.32596	57.37734	67.06112	2909.147	23.00338	9.942653

#1	.0002699	-.000077	-.007944	-.000211	.0001635	-.006302	-.065662
#2	.0001500	-.000104	-.019724	-.000365	.0000797	-.007976	-.053950
#3	.0002744	-.000104	-.007923	-.000807	-.000222	-.010022	-.058510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001223	.0018516	.0004384	-.000581	.5681222	-.002254	.2311950
Stddev	.000131	.0142931	.0002338	.000412	.2186055	.002376	.0102256
%RSD	10.73357	771.9250	53.33376	70.90522	38.47860	105.4377	4.422936

#1	-.001161	-.007390	.0002317	-.000748	.8202213	-.004910	.2201448
#2	-.001135	.018315	.0006922	-.000882	.4531577	-.001522	.2403232
#3	-.001374	-.005369	.0003913	-.000112	.4309876	-.000329	.2331170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.934475	-.000014	.0012024	-.000330	-.000299	-.010759	-.003933
Stddev	.084355	.001197	.0030511	.000225	.001975	.002592	.000614
%RSD	9.026946	8833.242	253.7409	68.28565	660.4574	24.09469	15.59962

#1	-.980459	.000174	-.000386	-.000376	.000146	-.008502	-.004390
#2	-.985845	.001079	.004720	-.000529	.001415	-.010185	-.004174
#3	-.837120	-.001293	-.000727	-.000085	-.002458	-.013591	-.003236

Sample Name: K2116-21 Acquired: 04/03/2019 13:13:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003607	-.018277	.0000565
Stddev	.0005684	.001114	.0000413
%RSD	157.5835	6.093842	73.22339

#1	-.000292	-.019483	.0000345
#2	.000625	-.018061	.0000307
#3	.000748	-.017287	.0001041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.756	3848.667	61588.40	12654.13	4567.020
Stddev	116.547	1.816	2274.31	81.17	3.517
%RSD	4.072559	.0471907	3.692758	.6414199	.0770009

#1	2989.124	3846.570	64121.68	12698.58	4563.598
#2	2760.440	3849.714	59722.29	12703.36	4566.839
#3	2835.705	3849.717	60921.23	12560.45	4570.624

Sample Name: K2116-22 Acquired: 04/03/2019 13:17:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013084	.0020355	-.000199	.0005377	.0006614	-.010332	-.000885
Stddev	.0014750	.0011145	.002644	.0005695	.0023778	.001180	.000712
%RSD	112.7308	54.75052	1330.473	105.9167	359.4891	11.42438	80.35169

#1	.0027336	.0031088	-.001496	.0010478	.0025901	-.008969	-.000142
#2	.0014035	.0008839	-.001944	.0006420	-.001995	-.010986	-.001561
#3	-.000212	.0021139	.002844	-.000077	.001389	-.011039	-.000954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001218	-.000113	-.012396	-.000463	.0002609	-.006558	-.062096
Stddev	.0001085	.000029	.004270	.000202	.0003457	.001331	.003306
%RSD	89.03488	25.63144	34.45038	43.60776	132.5073	20.29087	5.324329

#1	-.000003	-.000131	-.017117	-.000625	.0005687	-.005191	-.058401
#2	.000188	-.000080	-.008803	-.000237	.0003271	-.006636	-.063108
#3	.000181	-.000128	-.011267	-.000527	-.000113	-.007849	-.064777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001069	-.009158	.0004069	-.000492	-.164653	.0004577	-.004993
Stddev	.000120	.009746	.0001772	.000247	.266589	.0002975	.000489
%RSD	11.21531	106.4170	43.55235	50.28687	161.9100	64.99860	9.803209

#1	-.001201	-.012952	.0006009	-.000280	-.466132	.0007825	-.005129
#2	-.001038	-.016437	.0003662	-.000763	-.067789	.0001985	-.004450
#3	-.000967	.001914	.0002536	-.000432	.039962	.0003920	-.005400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.963804	.0008566	.0007654	-.000161	-.001292	-.012659	-.004813
Stddev	.076346	.0017423	.0006269	.000229	.000945	.000798	.000981
%RSD	7.921295	203.4047	81.89699	142.8251	73.10741	6.305688	20.38020

#1	-1.05152	.0028673	.0012345	-.000361	-.001671	-.013383	-.005917
#2	-.92755	-.000092	.0000534	-.000210	-.000217	-.012790	-.004041
#3	-.91234	-.000206	.0010084	.000090	-.001989	-.011803	-.004481

Sample Name: K2116-22 Acquired: 04/03/2019 13:17:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDS3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012236	-.020064	-.000151
Stddev	.0004728	.001510	.000037
%RSD	38.63870	7.523786	24.59098

#1	.0014523	-.020835	-.000132
#2	.0015386	-.018325	-.000127
#3	.0006800	-.021033	-.000194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.179	3842.159	62105.17	12504.91	4539.594
Stddev	158.931	8.425	3593.33	63.80	12.630
%RSD	5.506630	.2192829	5.785883	.5101881	.2782101

#1	2771.802	3847.444	59740.82	12572.74	4544.924
#2	2819.078	3846.591	60334.48	12495.88	4548.685
#3	3067.655	3832.443	66240.21	12446.10	4525.173

Sample Name: K2021-09DLX2 Acquired: 04/03/2019 13:21:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004023	.0545091	2.199958	-.130877	.0391088	66.12306	.6895467
Stddev	.003403	.0022588	.005503	.004358	.0009846	.42348	.0057377
%RSD	84.60219	4.143873	.2501409	3.330146	2.517548	.6404398	.8320940

#1	-.004231	.0570586	2.204817	-.133194	.0382969	66.45723	.6933910
#2	-.007317	.0527577	2.201073	-.125849	.0402040	66.26514	.6922976
#3	-.000520	.0537110	2.193982	-.133587	.0388257	65.64681	.6829516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075382	.0219319	138.6782	.7537193	.1174861	2.946613	792.0330
Stddev	.0001312	.0002174	.6300	.0018289	.0003343	.022398	2.7768
%RSD	1.739998	.9913968	.4542878	.2426496	.2845761	.7601373	.3505977

#1	.0073987	.0220819	139.3830	.7554488	.1171040	2.968315	794.0216
#2	.0075571	.0216825	138.4818	.7539041	.1177249	2.947946	793.2170
#3	.0076590	.0220312	138.1698	.7518050	.1176294	2.923578	788.8604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.632535	42.24312	.6240699	-.053733	.9500211	.5666829	12.26060
Stddev	.019505	.17715	.0004780	.000174	.1958782	.0025659	.06042
%RSD	.3462932	.4193544	.0765978	.3229137	20.61830	.4527983	.4927977

#1	5.653211	42.37297	.6235180	-.053852	.7240036	.5695322	12.32852
#2	5.629930	42.31508	.6243396	-.053813	1.055591	.5659619	12.24045
#3	5.614463	42.04132	.6243522	-.053534	1.070468	.5645546	12.21284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307953	1.921045	-1.37864	.0821056	3.346328	18.66955	.5246525
Stddev	.056419	.009114	.03885	.0003456	.011407	.11118	.0015562
%RSD	4.313504	.4744074	2.817807	.4208846	.3408832	.5955027	.2966212

#1	1.282435	1.912787	-1.33654	.0823171	3.333803	18.55158	.5247566
#2	1.268802	1.930823	-1.38630	.0817068	3.356120	18.77239	.5230469
#3	1.372623	1.919525	-1.41309	.0822930	3.349062	18.68466	.5261541

Sample Name: K2021-09DLX2 Acquired: 04/03/2019 13:21:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.159904	.0362048	.5984316
Stddev	.045620	.0004929	.0039559
%RSD	.7405970	1.361455	.6610501

#1	6.210465	.0363535	.6008942
#2	6.147424	.0366063	.6005320
#3	6.121823	.0356547	.5938684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.774	3593.588	58188.68	12408.82	4031.296
Stddev	11.176	7.861	281.21	49.16	8.808
%RSD	.4264496	.2187467	.4832733	.3962006	.2184863

#1	2609.169	3586.679	57865.70	12412.38	4027.841
#2	2621.686	3591.945	58321.18	12357.98	4024.739
#3	2631.466	3602.141	58379.17	12456.11	4041.307

Sample Name: K2021-10DLX2 Acquired: 04/03/2019 13:25:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009695	.0385991	1.035216	-.086145	.0233959	34.57098	.4823262
Stddev	.005444	.0023128	.004020	.001441	.0002651	.29359	.0033052
%RSD	56.15085	5.991748	.3883673	1.672256	1.133158	.8492248	.6852548

#1	-.005761	.0390064	1.032675	-.084486	.0236556	34.39971	.4796077
#2	-.007417	.0406812	1.039851	-.087076	.0231257	34.90997	.4860052
#3	-.015909	.0361098	1.033122	-.086873	.0234064	34.40325	.4813656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054814	.0098274	72.12366	.6483860	.0719828	1.738985	545.2894
Stddev	.0000652	.0002056	.58596	.0024236	.0009627	.005749	4.9013
%RSD	1.188947	2.092520	.8124373	.3737965	1.337442	.3306129	.8988515

#1	.0054844	.0100642	71.95340	.6501606	.0725633	1.738217	542.6516
#2	.0054147	.0096939	72.77589	.6456247	.0725137	1.745080	550.9447
#3	.0055450	.0097240	71.64168	.6493729	.0708716	1.733659	542.2718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.338298	16.49098	.3878900	-.036762	.6745426	.3426483	5.033684
Stddev	.034220	.15600	.0006831	.000266	.0875838	.0051246	.015617
%RSD	1.025083	.9459817	.1760990	.7225642	12.98417	1.495584	.3102418

#1	3.318189	16.36724	.3878825	-.036599	.6409111	.3409989	5.022847
#2	3.377810	16.66622	.3885768	-.036619	.6087593	.3483945	5.026620
#3	3.318895	16.43948	.3872108	-.037069	.7739575	.3385515	5.051584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7640488	1.076789	-.955698	.0783164	1.711861	15.32208	.2079939
Stddev	.0577194	.005951	.005085	.0010765	.006871	.06041	.0016509
%RSD	7.554411	.5526912	.5320604	1.374493	.4014003	.3942671	.7937377

#1	.7478722	1.083141	-.951398	.0777906	1.718906	15.27633	.2098542
#2	.7161437	1.075883	-.954387	.0776039	1.711501	15.39056	.2074241
#3	.8281306	1.071342	-.961311	.0795547	1.705177	15.29935	.2067033

Sample Name: K2021-10DLX2 Acquired: 04/03/2019 13:25:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.967855	.0123841	.2360845
Stddev	.029629	.0011349	.0017991
%RSD	.9983163	9.163764	.7620406

#1	2.949437	.0113140	.2352554
#2	3.002033	.0135741	.2381486
#3	2.952096	.0122640	.2348494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.899	3641.383	58221.92	12251.95	4137.171
Stddev	11.564	12.514	200.24	66.93	7.083
%RSD	.4370587	.3436723	.3439269	.5462479	.1712144

#1	2647.671	3633.781	58367.14	12306.06	4130.669
#2	2656.475	3655.827	58305.13	12177.11	4144.719
#3	2633.551	3634.541	57993.49	12272.69	4136.124

Sample Name: K2021-11DLX2 Acquired: 04/03/2019 13:29:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002782	.0307685	1.271578	-.064933	.0190327	41.18315	.4963054
Stddev	.002934	.0008093	.001924	.003631	.0025394	.06932	.0005633
%RSD	105.4548	2.630229	.1513131	5.592289	13.34227	.1683098	.1135022

#1	-.002547	.0298968	1.269733	-.061594	.0212111	41.10503	.4963075
#2	.000027	.0309130	1.273573	-.068799	.0196435	41.20708	.4968676
#3	-.005826	.0314959	1.271429	-.064406	.0162437	41.23732	.4957410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051177	.0116431	72.02741	.8213052	.0720999	2.084111	437.2259
Stddev	.0001716	.0000476	.27908	.0024314	.0005513	.002885	1.4832
%RSD	3.352570	.4086384	.3874590	.2960368	.7646336	.1384516	.3392268

#1	.0050294	.0116834	72.16685	.8232945	.0714755	2.085721	437.5270
#2	.0053154	.0116552	71.70610	.8185949	.0725195	2.080779	435.6153
#3	.0050083	.0115906	72.20929	.8220263	.0723047	2.085832	438.5354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067758	19.41276	.4000446	-.028595	.9931078	.3413189	6.190332
Stddev	.012369	.12721	.0011246	.000320	.0653919	.0033459	.077908
%RSD	.4031994	.6552731	.2811076	1.119358	6.584573	.9802831	1.258543

#1	3.072977	19.43165	.3999062	-.028227	1.063499	.3401695	6.130901
#2	3.053635	19.27717	.3989956	-.028810	.981575	.3386991	6.161561
#3	3.076663	19.52947	.4012319	-.028747	.934250	.3450879	6.278533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.061120	1.429546	-.768116	.0773501	2.084435	19.22107	.3617155
Stddev	.062931	.001986	.005801	.0004368	.007716	.09119	.0034014
%RSD	5.930657	.1389049	.7552338	.5647547	.3701657	.4744369	.9403403

#1	1.110770	1.428106	-.764715	.0771615	2.076738	19.30385	.3621258
#2	1.082245	1.431811	-.774814	.0770392	2.092170	19.23603	.3648931
#3	.990344	1.428721	-.764819	.0778495	2.084396	19.12332	.3581276

Sample Name: K2021-11DLX2 Acquired: 04/03/2019 13:29:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.069361	.0108002	.3000403
Stddev	.004349	.0015187	.0004409
%RSD	.1068758	14.06202	.1469524

#1	4.070193	.0112254	.2998105
#2	4.064656	.0091142	.2997617
#3	4.073234	.0120610	.3005486

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.206	3688.289	58758.87	12452.89	4175.763
Stddev	17.072	13.349	285.70	42.82	9.511
%RSD	.6384110	.3619427	.4862311	.3438460	.2277655

#1	2685.655	3673.060	58947.85	12403.86	4166.852
#2	2682.380	3693.839	58898.57	12471.87	4174.658
#3	2654.584	3697.969	58430.20	12482.93	4185.778

Sample Name: K2021-12DLX2 Acquired: 04/03/2019 13:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663693	.0085300	.0477997	-.024330	.0072074	59.52565	.1184731
Stddev	.0014731	.0029304	.0011655	.001477	.0039676	.90935	.0030521
%RSD	2.219546	34.35369	2.438265	6.069787	55.04825	1.527665	2.576206

#1	.0646864	.0118817	.0483010	-.022805	.0039197	60.08761	.1203964
#2	.0669966	.0064525	.0486307	-.025754	.0116144	60.01283	.1200690
#3	.0674249	.0072556	.0464675	-.024432	.0060883	58.47651	.1149539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027129	.0006205	608.4391	.1890060	.0503924	.1628030	150.0348
Stddev	.0001829	.0001067	8.2226	.0010029	.0003967	.0022405	2.0831
%RSD	6.739964	17.20015	1.351431	.5306169	.7871997	1.376217	1.388387

#1	.0026362	.0006658	617.2766	.1889598	.0508404	.1651325	151.2650
#2	.0025809	.0006971	607.0265	.1900311	.0500857	.1626131	151.2097
#3	.0029216	.0004986	601.0144	.1880269	.0502509	.1606635	147.6297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.088098	35.05530	.0677698	-.011138	14.36297	.3442893	.2046078
Stddev	.023628	.45478	.0001803	.000217	.40448	.0042311	.0006497
%RSD	1.131548	1.297311	.2660656	1.948079	2.816145	1.228934	.3175360

#1	2.104407	35.37481	.0678581	-.010887	14.82112	.3457831	.2050771
#2	2.098885	35.25645	.0675624	-.011254	14.21253	.3475709	.2038663
#3	2.061002	34.53463	.0678890	-.011271	14.05527	.3395140	.2048800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.680587	1.565294	-.158214	.0047632	21.33667	16.76679	.0014925
Stddev	.028234	.003286	.007330	.0005958	.01790	.28877	.0014674
%RSD	.6032144	.2099119	4.633161	12.50897	.0839126	1.722290	98.31753

#1	4.713134	1.569088	-.163549	.0053623	21.35469	17.01926	.0018074
#2	4.662669	1.563418	-.161238	.0041707	21.31888	16.82918	.0027769
#3	4.665959	1.563377	-.149856	.0047567	21.33645	16.45192	-.000107

Sample Name: K2021-12DLX2 Acquired: 04/03/2019 13:33:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.303594	.0836268	4.552660
Stddev	.018919	.0010389	.058188
%RSD	1.451325	1.242288	1.278119

#1	1.315529	.0828168	4.565627
#2	1.313474	.0847981	4.603271
#3	1.281780	.0832654	4.489082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.394	3614.758	58227.78	12599.97	3856.914
Stddev	16.430	11.585	319.72	197.21	6.381
%RSD	.6281906	.3204857	.5490837	1.565130	.1654441

#1	2617.377	3626.943	58251.15	12437.55	3864.278
#2	2598.063	3613.445	57897.02	12542.95	3853.456
#3	2630.742	3603.885	58535.18	12819.40	3853.009

Sample Name: K2021-14DLX2 Acquired: 04/03/2019 13:37:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683359	.0073149	.0854531	-.015289	.0062523	55.45834	.0826335
Stddev	.0002375	.0012303	.0035820	.003400	.0003272	.13996	.0005921
%RSD	.3475433	16.81847	4.191812	22.23977	5.232995	.2523682	.7165313

#1	.0684978	.0063662	.0869527	-.011430	.0066295	55.34901	.0823397
#2	.0684465	.0087049	.0813650	-.017844	.0060456	55.61607	.0833150
#3	.0680632	.0068736	.0880417	-.016593	.0060817	55.40993	.0822458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023750	.0004507	522.2586	.1361739	.0411084	.1532336	119.9660
Stddev	.0002194	.0000718	2.5417	.0004077	.0002724	.0027748	.2679
%RSD	9.238911	15.93425	.4866694	.2994176	.6625666	1.810803	.2232881

#1	.0025757	.0004507	519.4021	.1366341	.0410012	.1526891	119.6587
#2	.0024085	.0005225	524.2704	.1360299	.0409060	.1562403	120.1498
#3	.0021407	.0003789	523.1033	.1358578	.0414181	.1507715	120.0896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.395387	38.95102	.0678711	-.008378	23.07887	.2912593	.2605119
Stddev	.006221	.19170	.0003685	.000551	.39804	.0035403	.0017957
%RSD	.4458128	.4921682	.5429407	6.575937	1.724679	1.215502	.6892827

#1	1.388850	38.74949	.0677215	-.008969	22.62091	.2891247	.2602546
#2	1.401235	39.13110	.0676009	-.007880	23.34154	.2953459	.2588588
#3	1.396075	38.97246	.0682908	-.008284	23.27417	.2893075	.2624224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.331782	1.195458	.0030673	.0803714	91.03973	26.12781	.0013787
Stddev	.025352	.004509	.0026136	.0012163	.54189	.06284	.0005606
%RSD	.4003927	.3771823	85.20784	1.513372	.5952250	.2405085	40.65836

#1	6.317197	1.197016	.0001305	.0790755	90.84879	26.19407	.0008736
#2	6.317092	1.190377	.0039340	.0805503	90.61916	26.12028	.0019818
#3	6.361056	1.198982	.0051375	.0814883	91.65125	26.06907	.0012807

Sample Name: K2021-14DLX2 Acquired: 04/03/2019 13:37:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.387264	.0954349	6.262857
Stddev	.005765	.0011696	.018756
%RSD	.4155688	1.225517	.2994858

#1	1.381199	.0945498	6.259403
#2	1.387920	.0967608	6.246068
#3	1.392672	.0949941	6.283100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.982	3584.806	57537.50	12270.52	3872.593
Stddev	25.121	8.791	206.05	33.12	12.001
%RSD	.9665542	.2452172	.3581116	.2698848	.3098914

#1	2626.999	3588.204	57743.48	12306.57	3872.683
#2	2578.468	3591.390	57331.38	12241.45	3884.549
#3	2591.479	3574.824	57537.64	12263.55	3860.548

Sample Name: K2021-15DLX5 Acquired: 04/03/2019 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007501	.0438517	2.159544	-.099003	.0269596	26.89438	.6878397
Stddev	.000427	.0015872	.003389	.001032	.0014194	.03028	.0013328
%RSD	5.693480	3.619376	.1569198	1.042238	5.264786	.1125770	.1937694

#1	-.007333	.0445917	2.157163	-.100194	.0278853	26.87092	.6872856
#2	-.007987	.0449337	2.158045	-.098441	.0253254	26.92856	.6893602
#3	-.007184	.0420297	2.163424	-.098374	.0276680	26.88365	.6868734

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061190	.0173610	92.54434	.8393574	.0729706	4.283379	657.6281
Stddev	.0001561	.0000686	.23745	.0087341	.0004745	.019984	2.0015
%RSD	2.551362	.3949721	.2565799	1.040568	.6502743	.4665430	.3043557

#1	.0062986	.0172834	92.39612	.8294007	.0725053	4.265043	656.6212
#2	.0060427	.0173859	92.81822	.8429457	.0729526	4.304679	659.9331
#3	.0060158	.0174136	92.41869	.8457258	.0734538	4.280413	656.3299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.216779	13.03767	.5555946	-.041513	-.748061	.2678761	9.888007
Stddev	.013211	.07134	.0017084	.001206	.477263	.0020959	.157379
%RSD	.2532317	.5472163	.3074805	2.905667	63.79998	.7824244	1.591614

#1	5.216822	12.98471	.5563984	-.040292	-.650189	.2699882	9.708472
#2	5.229968	13.11880	.5536327	-.041545	-.327320	.2657967	9.953414
#3	5.203547	13.00949	.5567528	-.042704	-1.26667	.2678436	10.00213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3509712	.9047730	-1.13690	.0890051	3.024770	8.108025	.1647561
Stddev	.0346100	.0066574	.01341	.0003502	.015961	.023260	.0004452
%RSD	9.861206	.7358141	1.179556	.3934685	.5276902	.2868711	.2702102

#1	.3133144	.8985367	-1.15233	.0891562	3.007596	8.092558	.1647126
#2	.3813896	.9117838	-1.13022	.0892545	3.039150	8.134774	.1643342
#3	.3582096	.9039986	-1.12813	.0886048	3.027563	8.096743	.1652214

Sample Name: K2021-15DLX5 Acquired: 04/03/2019 13:41:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.434013	.0068356	.3722932
Stddev	.009677	.0012469	.0006448
%RSD	.3975617	18.24118	.1732081

#1	2.424286	.0068120	.3715835
#2	2.443638	.0080941	.3728432
#3	2.434114	.0056007	.3724529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.964	3604.723	56927.19	12246.16	4083.689
Stddev	34.740	18.207	640.99	58.56	12.807
%RSD	1.339779	.5050959	1.125981	.4781556	.3136183

#1	2632.703	3594.889	57667.13	12205.80	4083.396
#2	2577.835	3625.733	56542.08	12219.37	4096.640
#3	2568.354	3593.547	56572.35	12313.32	4071.031

Sample Name: CCV063 Acquired: 04/03/2019 13:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943003	4.968381	24.78391	4.817880	4.878161	429.6962
Stddev	.018439	.012562	.04723	.010505	.020620	18.1569
%RSD	.3730372	.2528455	.1905561	.2180434	.4227019	4.225524

#1	4.942740	4.981247	24.80492	4.829487	4.899541	418.6381
#2	4.961572	4.967750	24.81697	4.809024	4.876546	419.7993
#3	4.924696	4.956147	24.72982	4.815130	4.858396	450.6513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49017	.5432668	2.499277	432.3476	15.03038	2.528811
Stddev	.39664	.0211779	.004857	21.3226	.09050	.003651
%RSD	3.781109	3.898252	.1943448	4.931826	.6021115	.1443814

#1	10.25676	.5306012	2.503814	418.8539	15.07408	2.532262
#2	10.26560	.5314836	2.499865	421.2593	15.09074	2.529182
#3	10.94814	.5677157	2.494153	456.9296	14.92632	2.524988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83440	432.8074	15.65697	426.6271	2.503332	1.258077
Stddev	.64950	20.6485	.78251	20.9562	.004998	.003404
%RSD	4.101807	4.770831	4.997869	4.912071	.1996427	.2705743

#1	15.44142	420.2727	15.17399	413.7871	2.508841	1.258544
#2	15.47769	421.5099	15.23711	415.2844	2.499088	1.261223
#3	16.58408	456.6395	16.55981	450.8098	2.502069	1.254463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	421.8083	2.543355	15.11673	158.3923	5.164144	F 4.428243
Stddev	18.3953	.106559	.05153	6.5862	.012060	.183837
%RSD	4.361063	4.189694	.3408839	4.158183	.2335337	4.151477

#1	410.7094	2.475159	15.09079	154.4915	5.165328	4.318576
#2	411.6734	2.488758	15.17608	154.6888	5.175568	4.325671
#3	443.0421	2.666147	15.08333	165.9965	5.151535	4.640480

Sample Name: CCV063 Acquired: 04/03/2019 13:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.692958	5.153354	5.109831	4.995385	5.255059	5.175364
Stddev	.010891	.013828	.197181	.004497	.229259	.199167
%RSD	.2320789	.2683318	3.858851	.0900171	4.362642	3.848362

#1	4.705424	5.164923	5.000513	4.999420	5.107015	5.044300
#2	4.685287	5.157101	4.991523	4.996198	5.139023	5.077238
#3	4.688161	5.138039	5.337456	4.990537	5.519139	5.404554

Elem	Sr4077
Units	ppm
Avg	5.170547
Stddev	.105464
%RSD	2.039710

#1	5.074776
#2	5.153291
#3	5.283576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.598	3162.813	53192.08	11258.46	3435.547
Stddev	16.712	12.721	267.69	434.73	11.449
%RSD	.7195264	.4022152	.5032570	3.861388	.3332446

#1	2326.112	3148.228	53283.48	11540.02	3422.576
#2	2304.409	3168.593	52890.66	11477.59	3439.821
#3	2337.273	3171.617	53402.11	10757.77	3444.244

Sample Name: CCB063 Acquired: 04/03/2019 13:49:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005677	-.001575	-.000674	.0003057	.0000618	-.008022	-.003230
Stddev	.0025486	.001397	.001141	.0023282	.0011139	.002796	.000218
%RSD	448.9343	88.64593	169.1272	761.6272	1801.852	34.85009	6.739749

#1	.0014406	-.000221	.000563	-.001325	.0005206	-.011175	-.003013
#2	.0025652	-.001495	-.000903	-.000729	.0008730	-.005847	-.003448
#3	-.002303	-.003010	-.001684	.002972	-.001208	-.007043	-.003229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	-.000109	.0118872	.0002614	.0002502	.0028654	.0022855
Stddev	.000153	.000090	.0093345	.0002168	.0001915	.0013211	.0022667
%RSD	161.4402	83.06421	78.52501	82.96057	76.51635	46.10435	99.17565

#1	-.000113	-.000172	.0220469	.0004699	.0004703	.0015364	.0020732
#2	-.000239	-.000005	.0036901	.0000370	.0001215	.0041784	.0046509
#3	.000066	-.000149	.0099247	.0002772	.0001590	.0028815	.0001325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002035	-.028314	-.000082	-.000220	.2564615	.0017949	.0015060
Stddev	.0002878	.020760	.000027	.000126	.3136045	.0004344	.0019613
%RSD	141.4022	73.32080	33.12773	57.58245	122.2813	24.20263	130.2280

#1	.0004259	-.035102	-.000109	-.000301	.6154128	.0014815	.0029807
#2	-.000122	-.044830	-.000083	-.000284	.1183769	.0016125	.0022572
#3	.000306	-.005010	-.000054	-.000074	.0355946	.0022908	-.000720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1993859	-.000617	.0043890	.0002780	-.002040	-.008349	-.002355
Stddev	.0387086	.000887	.0013632	.0001749	.004050	.001837	.002632
%RSD	19.41393	143.7182	31.06026	62.91938	198.5086	21.99725	111.7700

#1	.2330722	-.000470	.0057502	.0001216	.002146	-.007028	.000291
#2	.1571010	-.001569	.0030237	.0004669	-.002329	-.010446	-.002384
#3	.2079847	.000187	.0043930	.0002456	-.005938	-.007573	-.004973

Sample Name: CCB063 Acquired: 04/03/2019 13:49:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000772	.0067094	-.000005
Stddev	.001237	.0006679	.000052
%RSD	160.1308	9.954275	1061.200

#1	.000279	.0068300	-.000027
#2	-.000461	.0059895	.000054
#3	-.002135	.0073088	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.481	3651.866	56152.16	11872.55	4239.656
Stddev	7.068	10.957	143.64	39.34	15.360
%RSD	.2721159	.3000323	.2558051	.3313554	.3622939

#1	2605.593	3644.624	56258.08	11827.21	4228.194
#2	2592.645	3646.504	55988.67	11897.68	4233.666
#3	2594.205	3664.471	56209.74	11892.74	4257.109

Sample Name: K2021-17DLX5 Acquired: 04/03/2019 13:56:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253873	.0051103	.1266408	-.009933	.0020377	31.17487	.1116334
Stddev	.0009902	.0031883	.0014925	.002237	.0016049	.07728	.0001271
%RSD	3.900289	62.38968	1.178504	22.52170	78.75691	.2478811	.1138521

#1	.0242759	.0015928	.1255153	-.007513	.0038221	31.26331	.1116744
#2	.0261753	.0059281	.1260734	-.011926	.0007125	31.14088	.1114909
#3	.0257109	.0078101	.1283338	-.010361	.0015786	31.12041	.1117350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011956	.0004840	363.2207	.0399700	.0213921	.1136332	77.44118
Stddev	.0000311	.0000174	2.3815	.0006058	.0002186	.0012254	.37086
%RSD	2.599601	3.588821	.6556548	1.515631	1.021843	1.078348	.4788899

#1	.0012294	.0004639	365.9341	.0395646	.0212833	.1131067	77.86878
#2	.0011892	.0004939	362.2512	.0396791	.0216437	.1150338	77.20727
#3	.0011682	.0004942	361.4770	.0406664	.0212492	.1127591	77.24750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090576	23.35480	.0344821	-.004846	3.667698	.1683838	.2472995
Stddev	.006886	.14006	.0001548	.000205	.324521	.0015759	.0015914
%RSD	.6313960	.5997161	.4489386	4.237347	8.848095	.9359162	.6435031

#1	1.098242	23.51645	.0344092	-.004874	3.926674	.1699156	.2491240
#2	1.088569	23.27830	.0346599	-.005036	3.303662	.1684688	.2461976
#3	1.084916	23.26964	.0343772	-.004628	3.772756	.1667671	.2465769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4570218	.9669441	-.120358	.0033784	2.974270	6.294589	.0017624
Stddev	.0368773	.0080429	.000042	.0003923	.005192	.013135	.0014984
%RSD	8.069055	.8317817	.0345970	11.61296	.1745528	.2086740	85.02316

#1	.4696585	.9669241	-.120310	.0029777	2.980072	6.307375	.0002484
#2	.4859194	.9749970	-.120387	.0037617	2.972678	6.295260	.0032447
#3	.4154873	.9589113	-.120377	.0033957	2.970061	6.281130	.0017940

Sample Name: K2021-17DLX5 Acquired: 04/03/2019 13:56:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.032622	.0247209	4.509857
Stddev	.015929	.0015379	.024306
%RSD	.5252438	6.221089	.5389548

#1	3.047657	.0233811	4.521401
#2	3.034280	.0264002	4.481930
#3	3.015929	.0243815	4.526240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.103	3580.638	56572.81	11989.66	3998.195
Stddev	10.553	22.393	173.53	37.46	25.213
%RSD	.4117243	.6253825	.3067306	.3124479	.6306162

#1	2561.800	3568.311	56715.44	11947.93	3977.930
#2	2574.246	3567.118	56623.38	12020.39	3990.225
#3	2553.261	3606.486	56379.62	12000.67	4026.430

Sample Name: K2046-02DLX5 Acquired: 04/03/2019 14:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174414	.0005165	.0181583	-.000741	.0036503	9.938928	.0502071
Stddev	.0020768	.0027775	.0011386	.004815	.0004613	.008958	.0001658
%RSD	11.90760	537.7609	6.270576	649.9638	12.63629	.0901261	.3302929

#1	.0177308	.0029220	.0173197	-.006263	.0031726	9.928773	.0503717
#2	.0152350	.0011507	.0177007	.001458	.0040931	9.942303	.0500401
#3	.0193583	-.002523	.0194546	.002583	.0036853	9.945707	.0502096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004282	.0001352	390.7918	.0297489	.0045867	.0372596	27.49371
Stddev	.0000876	.0000679	.7807	.0003224	.0004187	.0023645	.03957
%RSD	20.45796	50.19201	.1997848	1.083708	9.127356	6.345930	.1439096

#1	.0005290	.0001849	391.5998	.0297509	.0050642	.0346093	27.52958
#2	.0003703	.0001628	390.7342	.0300703	.0044132	.0380166	27.50030
#3	.0003853	.0000579	390.0415	.0294255	.0042827	.0391528	27.45127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3068903	4.968174	.0098508	-.001588	3.374600	.0759321	.0530595
Stddev	.0011523	.019087	.0001117	.000293	.079713	.0009170	.0015353
%RSD	.3754805	.3841902	1.134318	18.46491	2.362136	1.207647	2.893476

#1	.3075353	4.963338	.0099182	-.001255	3.392309	.0758110	.0546102
#2	.3075756	4.989214	.0097218	-.001704	3.443969	.0769036	.0515401
#3	.3055599	4.951970	.0099124	-.001806	3.287522	.0750816	.0530283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3916934	.3328986	-.017196	.0013512	2.387168	6.699648	-.009179
Stddev	.0195862	.0020606	.005623	.0003264	.008553	.051596	.002373
%RSD	5.000401	.6189782	32.70000	24.15952	.3582760	.7701258	25.85436

#1	.3804479	.3316590	-.010721	.0009776	2.380768	6.693081	-.008151
#2	.3803227	.3352772	-.020853	.0015811	2.383854	6.754213	-.007493
#3	.4143095	.3317594	-.020013	.0014949	2.396882	6.651651	-.011893

Sample Name: K2046-02DLX5 Acquired: 04/03/2019 14:00:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1416326	.0130488	4.387615
Stddev	.0009285	.0027090	.040346
%RSD	.6556003	20.76068	.9195373

#1	.1410405	.0101058	4.370060
#2	.1427027	.0154384	4.433764
#3	.1411545	.0136022	4.359021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.860	3563.193	56137.76	11983.91	4028.231
Stddev	7.909	6.188	197.82	70.58	3.426
%RSD	.3111583	.1736531	.3523799	.5889364	.0850431

#1	2550.320	3569.574	56361.78	11978.23	4031.782
#2	2540.610	3557.219	56064.37	11916.34	4027.963
#3	2534.650	3562.785	55987.12	12057.16	4024.947

Sample Name: K2046-03DLX2 Acquired: 04/03/2019 14:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221289	.0360588	2.372505	-.087330	.0227122	65.87242
Stddev	.0035834	.0016248	.008494	.002738	.0025108	.07468
%RSD	16.19330	4.505976	.3580320	3.135013	11.05506	.1133738

#1	.0260405	.0376992	2.381139	-.086176	.0251998	65.88599
#2	.0190048	.0344500	2.372218	-.085359	.0201787	65.79188
#3	.0213413	.0360270	2.364158	-.090456	.0227582	65.93939

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7811604	.0055785	.0198856	F 807.2084	.8355036	.0859150
Stddev	.0008108	.0001070	.0002471	3.2699	.0020849	.0002113
%RSD	.1037951	1.918321	1.242534	.4050818	.2495376	.2459123

#1	.7803096	.0054942	.0196125	805.0468	.8373485	.0858707
#2	.7819242	.0055423	.0199506	805.6083	.8359205	.0861449
#3	.7812474	.0056989	.0200937	810.9702	.8332417	.0857293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.279843	543.4423	5.226759	36.33415	.6549872	-.031964
Stddev	.003904	1.3892	.023262	.12562	.0031379	.000540
%RSD	.1712286	.2556255	.4450647	.3457360	.4790828	1.688925

#1	2.284217	545.0460	5.253438	36.46456	.6516344	-.032462
#2	2.278602	542.6085	5.210719	36.32394	.6554739	-.031390
#3	2.276712	542.6725	5.216119	36.21394	.6578533	-.032041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109117	.4308788	9.267316	2.968619	2.303826	-.987996
Stddev	.340448	.0015384	.090042	.040924	.006453	.012716
%RSD	16.14175	.3570283	.9716100	1.378564	.2800992	1.287046

#1	2.401579	.4302608	9.265454	2.933359	2.300538	-.988103
#2	2.190383	.4326301	9.358275	2.959001	2.299679	-.975226
#3	1.735390	.4297456	9.178220	3.013495	2.311261	-1.00066

Sample Name: K2046-03DLX2 Acquired: 04/03/2019 14:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771661	8.279409	15.49407	.1432584	6.104515	.0571967
Stddev	.0003978	.016354	.09735	.0040570	.017541	.0008920
%RSD	.5154638	.1975224	.6283223	2.831930	.2873395	1.559455

#1	.0776212	8.260528	15.55289	.1472659	6.116381	.0563749
#2	.0768849	8.289099	15.38169	.1433555	6.112798	.0570699
#3	.0769921	8.288601	15.54761	.1391537	6.084367	.0581452

Elem	Sr4077
Units	ppm
Avg	2.354236
Stddev	.005934
%RSD	.2520398

#1	2.358108
#2	2.357195
#3	2.347405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.175	3478.478	56131.48	11998.16	3733.465
Stddev	22.518	2.054	332.97	75.91	3.715
%RSD	.8985150	.0590586	.5932011	.6326527	.0994945

#1	2498.380	3479.649	55841.89	11914.98	3736.295
#2	2488.591	3476.106	56057.25	12063.68	3734.842
#3	2531.556	3479.679	56495.31	12015.82	3729.259

Sample Name: K2046-04DLX5 Acquired: 04/03/2019 14:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149678	.0007981	.1985759	-.002961	.0036223	14.36745	.0870071
Stddev	.0026193	.0022879	.0013021	.001064	.0025725	.03551	.0005957
%RSD	17.49989	286.6666	.6557001	35.94706	71.01745	.2471802	.6846460

#1	.0123289	.0001727	.1995481	-.002938	.0041266	14.39277	.0875845
#2	.0175671	.0033337	.1970966	-.004036	.0008351	14.38272	.0870421
#3	.0150074	-.001112	.1990831	-.001908	.0059054	14.32685	.0863947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007329	.0013571	370.9863	.0654963	.0131743	.1261111	52.26773
Stddev	.0001341	.0000672	.8523	.0006936	.0006338	.0010782	.16787
%RSD	18.29426	4.953782	.2297284	1.059073	4.810806	.8549311	.3211801

#1	.0008842	.0014211	371.9550	.0651260	.0138648	.1264531	52.44418
#2	.0006857	.0013630	370.6522	.0650664	.0130391	.1269767	52.11001
#3	.0006288	.0012871	370.3517	.0662965	.0126190	.1249033	52.24899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5949561	8.371854	.0330865	-.003678	2.775761	.1078928	.4596268
Stddev	.0003773	.030925	.0004883	.000257	.139390	.0042677	.0075356
%RSD	.0634154	.3693935	1.475852	6.986898	5.021684	3.955498	1.639505

#1	.5950939	8.387568	.0325471	-.003974	2.631790	.1057077	.4519662
#2	.5945292	8.391766	.0332140	-.003535	2.785426	.1051601	.4670308
#3	.5952451	8.336227	.0334984	-.003524	2.910067	.1128105	.4598833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5887593	.4851950	-.061186	.0083573	3.741469	8.557877	-.000048
Stddev	.0593560	.0030723	.002682	.0002537	.004698	.031806	.001743
%RSD	10.08154	.6332161	4.383119	3.035949	.1255633	.3716634	3635.989

#1	.6113524	.4860373	-.062731	.0085223	3.745010	8.591576	-.000798
#2	.6335012	.4877583	-.062738	.0084845	3.743258	8.528380	-.001290
#3	.5214244	.4817893	-.058089	.0080652	3.736139	8.553675	.001945

Sample Name: K2046-04DLX5 Acquired: 04/03/2019 14:09:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9002954	.0123994	3.932259
Stddev	.0031315	.0010703	.037552
%RSD	.3478363	8.631447	.9549671

#1	.8982795	.0117325	3.938156
#2	.9039031	.0118318	3.892108
#3	.8987036	.0136339	3.966514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.834	3576.118	56138.60	11976.43	4005.082
Stddev	11.145	8.694	276.78	64.66	5.051
%RSD	.4383023	.2431136	.4930247	.5399279	.1261251

#1	2548.400	3571.577	56289.72	11906.30	3999.250
#2	2550.100	3586.142	56306.92	12033.70	4008.109
#3	2530.002	3570.634	55819.16	11989.30	4007.886

Sample Name: K2046-05DLX5 Acquired: 04/03/2019 14:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159580	-.002008	.0223897	-.000069	.0026900	11.79597	.0405397
Stddev	.0038994	.000608	.0007163	.001265	.0012323	.01756	.0007378
%RSD	24.43564	30.29991	3.199114	1837.420	45.81296	.1488749	1.820039

#1	.0163841	-.001311	.0218697	-.000728	.0035300	11.79163	.0410354
#2	.0196269	-.002277	.0232067	.001389	.0012752	11.81529	.0408919
#3	.0118630	-.002435	.0220927	-.000867	.0032646	11.78098	.0396917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005878	-.000004	318.9993	.0295391	.0079627	.0288033	28.50582
Stddev	.0000654	.000066	1.4289	.0001903	.0000222	.0020557	.06148
%RSD	11.12919	1874.474	.4479422	.6442615	.2787343	7.136898	.2156680

#1	.0005661	-.000066	318.5659	.0293462	.0079880	.0302142	28.47926
#2	.0005360	-.000009	320.5948	.0295443	.0079537	.0297508	28.57612
#3	.0006613	.000065	317.8373	.0297267	.0079464	.0264447	28.46210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4887796	6.451038	.0137061	-.001560	2.324678	.0579607	.0538718
Stddev	.0028738	.007601	.0003672	.000154	.249316	.0026703	.0009330
%RSD	.5879570	.1178201	2.679219	9.874157	10.72476	4.607051	1.731922

#1	.4866098	6.442344	.0135189	-.001391	2.390075	.0608099	.0548848
#2	.4920388	6.456426	.0141292	-.001596	2.049181	.0575569	.0536827
#3	.4876902	6.454343	.0134702	-.001693	2.534777	.0555153	.0530477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7778711	.4375654	-.021066	.0054767	5.069251	7.026158	-.007393
Stddev	.0154197	.0017766	.001513	.0003475	.004823	.001641	.000889
%RSD	1.982289	.4060283	7.183911	6.345706	.0951355	.0233559	12.02292

#1	.7629693	.4390790	-.022444	.0056954	5.074504	7.028030	-.006785
#2	.7768831	.4380079	-.019446	.0050760	5.068225	7.025478	-.008413
#3	.7937611	.4356093	-.021307	.0056588	5.065024	7.024967	-.006980

Sample Name: K2046-05DLX5 Acquired: 04/03/2019 14:13:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2981071	.0150328	4.093376
Stddev	.0045746	.0013972	.017810
%RSD	1.534534	9.294168	.4350840

#1	.2967353	.0166438	4.092352
#2	.3032106	.0143033	4.111676
#3	.2943754	.0141514	4.076101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.160	3578.147	56581.26	12019.83	4047.307
Stddev	5.281	6.240	124.26	53.17	7.920
%RSD	.2057205	.1743985	.2196169	.4423362	.1956916

#1	2572.387	3584.859	56489.50	11977.42	4051.223
#2	2567.267	3572.520	56531.60	12002.60	4038.192
#3	2561.826	3577.063	56722.67	12079.48	4052.506

Sample Name: K2046-08DLX5 Acquired: 04/03/2019 14:17:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094947	.0017267	.1713456	-.011751	.0042499	12.05238	.0912823
Stddev	.0039866	.0008157	.0020346	.001166	.0014343	.04833	.0007982
%RSD	41.98753	47.24185	1.187399	9.924572	33.74962	.4009670	.8744552

#1	.0076413	.0016427	.1694565	-.010830	.0052499	12.10274	.0907044
#2	.0067722	.0009562	.1734996	-.011360	.0048933	12.00638	.0909493
#3	.0140705	.0025811	.1710805	-.013063	.0026066	12.04804	.0921930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007991	.0013249	293.5174	.0734608	.0102854	.1806228	69.08763
Stddev	.0000553	.0000562	1.6272	.0005237	.0003048	.0008042	.32327
%RSD	6.922371	4.241460	.5543873	.7128991	2.963692	.4452178	.4679082

#1	.0008326	.0013104	295.1387	.0739199	.0106286	.1797050	69.45152
#2	.0008294	.0013869	291.8843	.0735720	.0101814	.1812036	68.83364
#3	.0007353	.0012773	293.5291	.0728904	.0100462	.1809599	68.97772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6147992	5.205599	.0535849	-.004296	1.553731	.0881762	.7216594
Stddev	.0047149	.022983	.0002616	.000195	.210206	.0024939	.0060725
%RSD	.7669065	.4415146	.4882520	4.547140	13.52909	2.828356	.8414658

#1	.6198846	5.225497	.0535446	-.004404	1.315620	.0868982	.7149706
#2	.6105728	5.210860	.0538643	-.004413	1.713574	.0865804	.7268259
#3	.6139403	5.180442	.0533457	-.004070	1.632001	.0910501	.7231818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5608021	.2969165	-.119582	.0130120	4.226399	7.351675	.0000859
Stddev	.0319556	.0013310	.002319	.0003482	.011498	.073213	.0018621
%RSD	5.698195	.4482614	1.938893	2.676295	.2720609	.9958618	2166.758

#1	.5310299	.2983674	-.121773	.0127770	4.214732	7.429734	.0022034
#2	.5568103	.2957521	-.119819	.0128470	4.237721	7.284535	-.000649
#3	.5945660	.2966301	-.117154	.0134121	4.226744	7.340756	-.001297

Sample Name: K2046-08DLX5 Acquired: 04/03/2019 14:17:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4062641	.0077304	2.908800
Stddev	.0010721	.0006884	.009374
%RSD	.2639028	8.905003	.3222675

#1	.4072560	.0077772	2.919614
#2	.4051266	.0070198	2.903789
#3	.4064098	.0083942	2.902995

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.745	3624.481	56691.38	12055.65	4099.768
Stddev	5.664	3.649	79.66	83.52	8.149
%RSD	.2197350	.1006660	.1405083	.6927944	.1987688

#1	2578.203	3628.426	56762.97	11964.79	4109.005
#2	2571.866	3621.228	56605.57	12129.08	4096.701
#3	2583.167	3623.790	56705.60	12073.08	4093.598

Sample Name: K2046-10DLX5 Acquired: 04/03/2019 14:21:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147397	.0025568	.0484196	-.004292	.0042923	24.53974	.0737296
Stddev	.0041925	.0009999	.0027974	.004459	.0014227	.02364	.0003928
%RSD	28.44353	39.10881	5.777501	103.9057	33.14603	.0963351	.5328172

#1	.0184623	.0022898	.0508520	-.008770	.0052720	24.52346	.0740710
#2	.0101982	.0036632	.0490442	.000149	.0026604	24.56685	.0733003
#3	.0155588	.0017175	.0453627	-.004254	.0049445	24.52890	.0738176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008377	.0004079	502.0321	.0698062	.0215901	.1245188	50.04147
Stddev	.0001198	.0001083	1.2270	.0003743	.0001534	.0030687	.04937
%RSD	14.30607	26.55681	.2444100	.5362460	.7106169	2.464491	.0986500

#1	.0007719	.0002838	502.8078	.0699391	.0217083	.1251740	50.07623
#2	.0007652	.0004567	502.6710	.0693835	.0216452	.1272070	50.06321
#3	.0009760	.0004834	500.6175	.0700959	.0214167	.1211754	49.98496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8499783	20.61821	.0653437	-.003204	2.591683	.1444899	.0838460
Stddev	.0012747	.05186	.0006287	.000413	.241184	.0005099	.0014758
%RSD	.1499727	.2515112	.9621374	12.87482	9.306077	.3529107	1.760145

#1	.8506988	20.67437	.0656294	-.003666	2.317833	.1448967	.0849069
#2	.8507295	20.60810	.0657788	-.002871	2.684742	.1439179	.0844706
#3	.8485064	20.57214	.0646229	-.003076	2.772474	.1446553	.0821607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4519385	1.295369	-.068881	.0027675	2.219209	9.606905	-.006421
Stddev	.0306332	.001249	.005531	.0003616	.011600	.102557	.000582
%RSD	6.778186	.0963979	8.029240	13.06694	.5227177	1.067534	9.063513

#1	.4870431	1.295442	-.062810	.0028612	2.219728	9.498456	-.005966
#2	.4381475	1.294086	-.073633	.0023682	2.207358	9.702325	-.006220
#3	.4306250	1.296580	-.070199	.0030730	2.230541	9.619934	-.007077

Sample Name: K2046-10DLX5 Acquired: 04/03/2019 14:21:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.399573	.0173777	4.132468
Stddev	.006308	.0005297	.008392
%RSD	.2628973	3.048015	.2030633

#1	2.406816	.0167662	4.131943
#2	2.396622	.0176938	4.141110
#3	2.395280	.0176731	4.124351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.276	3602.860	56773.54	12128.35	3968.810
Stddev	15.525	7.950	346.89	65.92	2.543
%RSD	.6066329	.2206458	.6110109	.5434929	.0640754

#1	2546.697	3598.657	56378.27	12178.54	3968.794
#2	2554.504	3612.028	57027.38	12053.70	3971.361
#3	2576.627	3597.894	56914.96	12152.80	3966.275

Sample Name: K2046-11DLX5 Acquired: 04/03/2019 14:26:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227590	.0008999	.1738021	-.000246	.0054966	13.35869	.0496752
Stddev	.0019686	.0008133	.0036636	.005214	.0022733	.01063	.0006866
%RSD	8.649916	90.37085	2.107921	2121.892	41.35918	.0795689	1.382240

#1	.0217521	.0010361	.1713067	.005140	.0043963	13.34684	.0489663
#2	.0214976	.0000272	.1720914	-.005268	.0081107	13.36185	.0503372
#3	.0250275	.0016365	.1780081	-.000608	.0039827	13.36739	.0497222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006452	.0007496	528.8873	.0402588	.0112336	.0807145	33.28166
Stddev	.0000552	.0000945	2.2572	.0004342	.0000572	.0040599	.20232
%RSD	8.559183	12.60632	.4267906	1.078582	.5092893	5.029948	.6079132

#1	.0006677	.0007229	527.3265	.0397769	.0111680	.0760913	33.10506
#2	.0005823	.0008546	531.4755	.0403798	.0112735	.0836985	33.50241
#3	.0006856	.0006713	527.8600	.0406197	.0112592	.0823537	33.23750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7096461	10.40580	.0229230	-.002297	2.540478	.0951905	.0955622
Stddev	.0027122	.08832	.0003045	.000183	.061379	.0015960	.0008565
%RSD	.3821892	.8487862	1.328306	7.984558	2.416049	1.676583	.8963030

#1	.7073119	10.34250	.0226194	-.002492	2.494577	.0955279	.0954249
#2	.7126214	10.50670	.0229210	-.002127	2.516661	.0934528	.0947826
#3	.7090049	10.36820	.0232284	-.002274	2.610196	.0965908	.0964791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1721595	.5171912	-.032586	.0074564	6.035170	7.170781	-.008457
Stddev	.0167390	.0062838	.003484	.0006204	.065336	.012489	.002499
%RSD	9.722985	1.214978	10.69160	8.320468	1.082582	.1741716	29.55179

#1	.1869925	.5140570	-.032383	.0067457	6.019235	7.179411	-.009914
#2	.1540107	.5130909	-.029207	.0077336	5.979276	7.176473	-.009887
#3	.1754754	.5244256	-.036166	.0078899	6.106999	7.156460	-.005571

Sample Name: K2046-11DLX5 Acquired: 04/03/2019 14:26:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7930331	.0148643	4.019001
Stddev	.0023630	.0018494	.039297
%RSD	.2979760	12.44194	.9777697

#1	.7912149	.0128307	4.063114
#2	.7957042	.0153168	4.006152
#3	.7921802	.0164455	3.987738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.148	3565.215	56758.54	12037.83	3960.031
Stddev	11.039	39.204	78.10	36.35	46.442
%RSD	.4301706	1.099616	.1376087	.3019884	1.172765

#1	2569.758	3587.565	56848.62	12057.58	3985.329
#2	2574.930	3588.132	56709.57	11995.87	3988.332
#3	2553.757	3519.947	56717.44	12060.02	3906.432

Sample Name: K2046-12DLX5 Acquired: 04/03/2019 14:30:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129926	-.000784	.0246688	-.000485	.0021602	9.325225	.0579513
Stddev	.0019302	.001930	.0003804	.001288	.0003422	.030944	.0005523
%RSD	14.85641	246.2998	1.541982	265.8420	15.84238	.3318347	.9529490

#1	.0111048	-.002939	.0242462	-.001055	.0023037	9.293607	.0585666
#2	.0149626	-.000197	.0247766	.000990	.0017695	9.355449	.0577886
#3	.0129105	.000785	.0249837	-.001389	.0024073	9.326619	.0574986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003957	.0000580	298.5957	.0221105	.0040342	.0196308	17.48202
Stddev	.0001147	.0000531	1.1425	.0003451	.0002083	.0024059	.08628
%RSD	28.98151	91.61183	.3826353	1.560740	5.163258	12.25592	.4935196

#1	.0004628	.0000757	297.3749	.0221587	.0038261	.0202218	17.39463
#2	.0002633	-.000002	299.6393	.0217438	.0042427	.0169845	17.56713
#3	.0004610	.000100	298.7728	.0224289	.0040339	.0216862	17.48430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3572783	4.327035	.0090127	-.001401	1.794437	.0468614	.0322304
Stddev	.0011274	.022083	.0002892	.000454	.432984	.0014580	.0014598
%RSD	.3155636	.5103404	3.208910	32.40864	24.12924	3.111289	4.529240

#1	.3562283	4.314105	.0091001	-.001686	1.350541	.0451969	.0339135
#2	.3584698	4.352533	.0092482	-.001641	2.215614	.0474750	.0314692
#3	.3571368	4.314467	.0086899	-.000878	1.817157	.0479123	.0313085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383048	.1956925	-.014337	.0014561	1.126391	8.172249	-.010399
Stddev	.0693633	.0029066	.001286	.0004232	.008287	.014841	.001923
%RSD	29.10698	1.485277	8.968329	29.06139	.7357497	.1816074	18.48733

#1	.3174659	.1989115	-.014079	.0018606	1.117639	8.159574	-.009438
#2	.2092795	.1949057	-.013199	.0014912	1.134118	8.188575	-.009147
#3	.1881690	.1932603	-.015732	.0010165	1.127416	8.168598	-.012613

Sample Name: K2046-12DLX5 Acquired: 04/03/2019 14:30:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1123220	.0052434	3.448611
Stddev	.0010661	.0007688	.012251
%RSD	.9491123	14.66199	.3552319

#1	.1114195	.0044218	3.435086
#2	.1134982	.0059454	3.458962
#3	.1120481	.0053629	3.451787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.469	3593.063	56227.19	11980.66	4071.232
Stddev	23.565	4.375	475.92	25.26	4.462
%RSD	.9214071	.1217704	.8464317	.2108483	.1095909

#1	2569.208	3588.891	56742.18	12009.68	4072.030
#2	2572.858	3597.617	56135.81	11968.72	4075.240
#3	2530.341	3592.681	55803.58	11963.59	4066.425

Sample Name: K2046-16DLX2 Acquired: 04/03/2019 14:34:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197171	-.000390	.0218335	-.003169	.0040084	11.92352	.0505935
Stddev	.0037592	.002244	.0012569	.005941	.0010842	.07100	.0013409
%RSD	19.06556	575.0823	5.756604	187.4404	27.04704	.5954472	2.650344

#1	.0219778	.001926	.0209573	-.008274	.0029812	11.87252	.0490534
#2	.0217960	-.000541	.0212695	.003352	.0039023	12.00461	.0515017
#3	.0153777	-.002555	.0232735	-.004586	.0051417	11.89344	.0512253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005892	-.000026	566.2309	.0369124	.0078146	.0423189	28.40160
Stddev	.0000518	.000040	3.6348	.0007612	.0001107	.0012587	.16059
%RSD	8.785570	150.7516	.6419281	2.062193	1.416443	2.974415	.5654352

#1	.0006364	-.000056	565.4937	.0376332	.0077463	.0412896	28.40218
#2	.0005973	-.000042	570.1778	.0369878	.0079423	.0419447	28.56190
#3	.0005338	.000019	563.0213	.0361164	.0077551	.0437223	28.24071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3814230	7.027481	.0247476	-.001721	3.952525	.0851358	.0384055
Stddev	.0028948	.040337	.0001841	.000449	.071045	.0026876	.0019704
%RSD	.7589338	.5739840	.7437271	26.07034	1.797463	3.156872	5.130663

#1	.3823379	7.004988	.0246716	-.002153	3.966680	.0833904	.0368323
#2	.3837498	7.003407	.0249574	-.001258	4.015427	.0882308	.0377685
#3	.3781814	7.074049	.0246136	-.001753	3.875468	.0837863	.0406156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2634902	.4970044	-.005124	.0075043	4.482027	11.48653	-.007816
Stddev	.0417874	.0020179	.000520	.0003595	.010060	.03512	.002263
%RSD	15.85918	.4060078	10.14201	4.790334	.2244465	.3057261	28.95541

#1	.2546765	.4951335	-.005412	.0071099	4.481923	11.51934	-.006251
#2	.3089814	.4967370	-.004524	.0078135	4.472020	11.49075	-.006786
#3	.2268127	.4991426	-.005436	.0075896	4.492139	11.44949	-.010411

Sample Name: K2046-16DLX2 Acquired: 04/03/2019 14:34:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7180584	.0157731	6.736997
Stddev	.0093603	.0017855	.078351
%RSD	1.303555	11.32016	1.163003

#1	.7075226	.0155665	6.809743
#2	.7254150	.0176530	6.747207
#3	.7212376	.0140999	6.654041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.211	3578.257	56487.76	12043.42	3921.514
Stddev	6.539	4.960	62.81	39.15	4.610
%RSD	.2566173	.1386162	.1111920	.3250556	.1175654

#1	2543.038	3573.797	56477.13	12027.72	3917.481
#2	2546.034	3583.599	56430.95	12014.55	3926.540
#3	2555.561	3577.376	56555.21	12087.98	3920.521

Sample Name: K2021-04DLX2 Acquired: 04/03/2019 14:38:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717262	.0092626	.0505507	-.016591	.0055531	54.04330	.1589014
Stddev	.0027626	.0019862	.0004921	.005481	.0000609	.04768	.0001049
%RSD	3.851536	21.44265	.9734160	33.03600	1.096512	.0882326	.0660412

#1	.0690531	.0114017	.0503924	-.014803	.0054891	54.09387	.1587802
#2	.0745702	.0074768	.0511024	-.012228	.0055598	54.03686	.1589637
#3	.0715552	.0089095	.0501572	-.022743	.0056103	53.99916	.1589602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027417	.0009152	536.8556	.1749101	.0475083	.1612927	136.3126
Stddev	.0000783	.0000631	1.3787	.0002277	.0003489	.0049912	.2949
%RSD	2.856012	6.894115	.2568105	.1301984	.7344342	3.094487	.2163402

#1	.0027859	.0009000	538.3991	.1749104	.0477339	.1670448	136.6036
#2	.0027878	.0009845	536.4216	.1746823	.0471064	.1587270	136.3200
#3	.0026512	.0008611	535.7461	.1751377	.0476845	.1581062	136.0140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.433696	38.14179	.0689828	-.008616	14.13333	.2956799	.2382364
Stddev	.004358	.04158	.0003431	.000419	.06133	.0015271	.0005792
%RSD	.1790844	.1090106	.4973114	4.860081	.4339135	.5164610	.2431286

#1	2.436637	38.18645	.0688807	-.008134	14.08058	.2957258	.2386211
#2	2.435762	38.10420	.0687023	-.008822	14.11880	.2941304	.2375703
#3	2.428689	38.13471	.0693653	-.008892	14.20062	.2971835	.2385180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.670449	1.411625	-.178096	.0032154	30.95515	24.42864	.0009196
Stddev	.009121	.010933	.002462	.0007597	.03648	.10689	.0014186
%RSD	.1952979	.7745137	1.382356	23.62596	.1178636	.4375732	154.2569

#1	4.660379	1.399010	-.180701	.0030551	30.93181	24.55196	.0021513
#2	4.678158	1.418339	-.177779	.0040424	30.99720	24.36254	-.000631
#3	4.672808	1.417528	-.175808	.0025487	30.93646	24.37141	.001239

Sample Name: K2021-04DLX2 Acquired: 04/03/2019 14:38:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.415262	.0753139	3.635540
Stddev	.005367	.0020998	.012217
%RSD	.3792179	2.788040	.3360403

#1	1.419276	.0772892	3.646804
#2	1.417344	.0755440	3.637263
#3	1.409166	.0731086	3.622553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.672	3646.478	57739.38	12349.44	3867.570
Stddev	7.278	8.416	283.38	66.13	7.112
%RSD	.2790958	.2307856	.4907876	.5355026	.1838812

#1	2602.813	3653.740	57736.66	12295.24	3873.580
#2	2616.039	3648.440	58024.11	12423.13	3859.719
#3	2604.163	3637.255	57457.38	12329.95	3869.411

Sample Name: K2021-03DLX2 Acquired: 04/03/2019 14:42:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616258	.0888493	1.679524	-.062251	.1315523	66.76279	2.776418
Stddev	.0050423	.0023272	.002911	.003065	.0004101	.03792	.004644
%RSD	8.182063	2.619262	.1733416	4.923667	.3117243	.0568055	.1672815

#1	.0570334	.0862321	1.677412	-.065775	.1317777	66.74451	2.774818
#2	.0608225	.0896300	1.678314	-.060205	.1318002	66.80640	2.772785
#3	.0670215	.0906858	1.682845	-.060774	.1310789	66.73747	2.781651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743404	.0781689	566.2794	.6530250	.6635689	3.252456	504.8142
Stddev	.0002720	.0002036	1.4237	.0008745	.0018244	.006141	1.3799
%RSD	.3658591	.2604875	.2514082	.1339157	.2749424	.1888054	.2733451

#1	.0746544	.0779950	565.8507	.6522391	.6614756	3.258290	504.5676
#2	.0741848	.0781187	567.8682	.6539670	.6644108	3.246049	506.3008
#3	.0741819	.0783929	565.1194	.6528689	.6648204	3.253028	503.5743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.056920	36.40621	1.132174	.0247817	3.425308	1.155580	8.182170
Stddev	.012560	.12718	.003367	.0004395	.437301	.009380	.030618
%RSD	.3095943	.3493389	.2973967	1.773492	12.76677	.8117089	.3742021

#1	4.049548	36.33305	1.130042	.0249541	3.911825	1.159645	8.196600
#2	4.071422	36.55306	1.130424	.0242821	3.299131	1.162241	8.147004
#3	4.049788	36.33251	1.136055	.0251088	3.064968	1.144853	8.202906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.160185	1.947673	-.981090	.0769669	8.292348	18.60375	.2239469
Stddev	.086948	.002128	.008482	.0003071	.020094	.03854	.0010490
%RSD	2.751342	.1092627	.8644986	.3990493	.2423216	.2071807	.4684152

#1	3.078816	1.945534	-.985243	.0772892	8.297728	18.64625	.2249137
#2	3.251803	1.949790	-.971332	.0769339	8.270111	18.59395	.2240954
#3	3.149937	1.947694	-.986695	.0766775	8.309204	18.57105	.2228315

Sample Name: K2021-03DLX2 Acquired: 04/03/2019 14:42:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.745495	.0580114	3.177162
Stddev	.001369	.0014226	.000955
%RSD	.0365419	2.452232	.0300590

#1	3.745382	.0575046	3.178251
#2	3.744186	.0569115	3.176468
#3	3.746916	.0596179	3.176768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.841	3553.002	56563.49	12073.31	3808.907
Stddev	7.737	4.212	153.40	44.60	3.656
%RSD	.3052171	.1185521	.2712045	.3693741	.0959897

#1	2528.946	3548.795	56521.90	12065.08	3808.594
#2	2543.602	3557.219	56435.17	12033.41	3812.709
#3	2531.975	3552.993	56733.40	12121.45	3805.417

Sample Name: K2021-01LDLX10 Acquired: 04/03/2019 14:59:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016330	.0061324	.3631233	-.014998	.0048101	14.68516	.1066182
Stddev	.0007954	.0009837	.0031393	.001194	.0005203	.21800	.0025897
%RSD	48.70831	16.04167	.8645272	7.960733	10.81627	1.484487	2.428926

#1	.0021183	.0050523	.3605524	-.016353	.0042735	14.61469	.1059466
#2	.0007150	.0063676	.3621955	-.014100	.0053124	14.92968	.1094775
#3	.0020657	.0069771	.3666219	-.014542	.0048444	14.51111	.1044305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054629	.0056500	125.0698	.1038107	.0226755	.6421252	116.4498
Stddev	.0000781	.0001752	1.6244	.0010634	.0002360	.0066063	1.6465
%RSD	1.429200	3.101017	1.298760	1.024341	1.040750	1.028820	1.413946

#1	.0053801	.0055276	124.8792	.1041846	.0226727	.6444125	116.1724
#2	.0054732	.0055717	126.7811	.1046368	.0224408	.6472838	118.2175
#3	.0055353	.0058507	123.5492	.1026110	.0229128	.6346792	114.9596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8103085	8.378414	.1301034	-.006379	.6609176	.1413231	1.705000
Stddev	.0115175	.118170	.0015191	.000911	.0689198	.0021626	.025499
%RSD	1.421367	1.410414	1.167613	14.28984	10.42789	1.530272	1.495526

#1	.8098478	8.434165	.1296939	-.006605	.5823459	.1399256	1.716024
#2	.8220493	8.458395	.1288310	-.007156	.7111486	.1438141	1.723133
#3	.7990282	8.242681	.1317853	-.005375	.6892583	.1402297	1.675845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7067464	.4204977	-.217680	.0173593	1.761171	5.184673	.0412546
Stddev	.0463800	.0059644	.002718	.0005435	.024591	.060652	.0016518
%RSD	6.562466	1.418412	1.248810	3.131171	1.396281	1.169836	4.003876

#1	.6856562	.4137197	-.215726	.0172690	1.746983	5.184528	.0409589
#2	.7599238	.4228292	-.216530	.0168666	1.746963	5.245398	.0430342
#3	.6746594	.4249441	-.220785	.0179424	1.789566	5.124094	.0397706

Sample Name: K2021-01LDLX10 Acquired: 04/03/2019 14:59:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8884483	.0048254	.7059410
Stddev	.0136277	.0014572	.0092857
%RSD	1.533873	30.19798	1.315361

#1	.8855573	.0065028	.7048186
#2	.9032895	.0041013	.7157368
#3	.8764981	.0038721	.6972675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.494	3651.268	56900.31	12041.40	4130.106
Stddev	34.564	25.039	601.31	150.30	36.234
%RSD	1.330169	.6857536	1.056780	1.248199	.8773258

#1	2583.599	3654.242	56637.45	12082.84	4138.529
#2	2573.874	3674.687	56475.18	11874.73	4161.388
#3	2638.008	3624.875	57588.29	12166.64	4090.402

Sample Name: K2021-08DLX5 Acquired: 04/03/2019 15:03:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203568	.0034102	.0904393	-.007764	.0029977	15.80609	.0880853
Stddev	.0041845	.0010180	.0010836	.002977	.0013597	.08950	.0009363
%RSD	20.55586	29.85180	1.198175	38.34735	45.35779	.5662496	1.062947

#1	.0157108	.0040371	.0907146	-.004837	.0038198	15.70403	.0879445
#2	.0215303	.0039578	.0892446	-.010789	.0037451	15.84301	.0872273
#3	.0238292	.0022356	.0913587	-.007665	.0014283	15.87122	.0890840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008343	.0009493	463.8954	.0622236	.0188010	.0795461	53.63611
Stddev	.0000425	.0000404	1.7131	.0000961	.0003720	.0022454	.25465
%RSD	5.096267	4.255075	.3692901	.1543697	1.978543	2.822713	.4747720

#1	.0008426	.0009380	463.0585	.0621784	.0192212	.0770608	53.44916
#2	.0007882	.0009157	462.7615	.0621584	.0186677	.0814284	53.53303
#3	.0008720	.0009941	465.8661	.0623339	.0185140	.0801492	53.92613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9221654	8.303279	.0313462	-.002964	2.912069	.1367410	.1021246
Stddev	.0064633	.043451	.0002522	.000170	.177810	.0028205	.0029974
%RSD	.7008793	.5233014	.8045499	5.725772	6.105968	2.062660	2.935086

#1	.9189890	8.273180	.0313119	-.002771	3.057177	.1369236	.1044799
#2	.9179050	8.353092	.0316138	-.003032	2.965309	.1394658	.1031433
#3	.9296022	8.283564	.0311129	-.003089	2.713721	.1338336	.0987506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5474716	.5295990	-.087850	.0046428	2.022566	8.540720	-.006188
Stddev	.0330009	.0028744	.002516	.0009632	.003926	.084410	.002466
%RSD	6.027869	.5427554	2.863922	20.74644	.1940907	.9883216	39.85714

#1	.5392462	.5322343	-.085032	.0045645	2.023515	8.484802	-.004601
#2	.5838072	.5265339	-.088648	.0037211	2.018252	8.499543	-.009030
#3	.5193614	.5300286	-.089870	.0056427	2.025929	8.637816	-.004933

Sample Name: K2021-08DLX5 Acquired: 04/03/2019 15:03:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8959781	.0107318	3.540477
Stddev	.0029185	.0012920	.021458
%RSD	.3257282	12.03861	.6060903

#1	.8993179	.0105597	3.526066
#2	.8939190	.0095346	3.565138
#3	.8946973	.0121013	3.530226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.604	3575.070	56040.25	11978.29	3931.296
Stddev	13.287	3.682	367.86	49.17	.666
%RSD	.5240145	.1029915	.6564191	.4105319	.0169347

#1	2533.155	3574.770	56046.50	12022.08	3931.992
#2	2523.712	3578.893	55669.30	11987.70	3930.666
#3	2549.945	3571.547	56404.94	11925.09	3931.229

Sample Name: PB118538BL Acquired: 04/03/2019 15:07:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW538 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000508	.0000445	.0000398	-.000154	-.001734	.0007003
Stddev	.002700	.0012001	.0002614	.002403	.000896	.0016080
%RSD	531.7433	2696.325	656.6351	1563.502	51.68129	229.6080

#1	.002503	.0004304	-.000140	-.002499	-.002032	.0025569
#2	-.001311	.0010042	-.000081	.002304	-.000727	-.000246
#3	-.002715	-.001301	.000340	-.000266	-.002443	-.000210

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003765	.0001102	-.000145	.0249723	.0016332	.0002347
Stddev	.000335	.0000750	.000104	.0075216	.0003347	.0000381
%RSD	8.893606	68.01338	71.83163	30.11977	20.49473	16.24005

#1	-.003923	.0000632	-.000152	.0229079	.0019750	.0002461
#2	-.003381	.0001967	-.000037	.0186984	.0016187	.0002657
#3	-.003992	.0000708	-.000245	.0333104	.0013060	.0001922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004748	-.044976	-.000664	.0086303	.0012263	-.000183
Stddev	.000991	.004961	.000230	.0323235	.0000723	.000566
%RSD	20.87399	11.03043	34.59329	374.5358	5.893502	308.7697

#1	-.005330	-.050551	-.000927	.0459335	.0012291	-.000810
#2	-.005309	-.043330	-.000562	-.011098	.0012971	.000291
#3	-.003603	-.041048	-.000503	-.008945	.0011526	-.000031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.262265	-.000077	-.000362	-.949245	-.001372	F -.011038
Stddev	.064952	.001653	.002330	.077512	.001239	.001051
%RSD	24.76582	2150.396	642.8239	8.165627	90.34310	9.524847

#1	-.304299	-.000237	.001305	-1.01615	-.000407	-.009989
#2	-.295040	-.001644	-.003025	-.86430	-.000939	-.011034
#3	-.187455	.001650	.000633	-.96728	-.002769	-.012092

Sample Name: PB118538BL Acquired: 04/03/2019 15:07:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW538 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.001153	-.003509	-.006310	-.000357	-.019145
Stddev	.000527	.003171	.002621	.001021	.000071	.001463
%RSD	436705.4	275.0725	74.67848	16.17888	19.81965	7.641212

#1	-.000446	-.003036	-.006346	-.007464	-.000371	-.018486
#2	-.000135	.002508	-.001178	-.005941	-.000281	-.020822
#3	.000581	-.002929	-.003004	-.005525	-.000420	-.018128

Elem	Sr4077
Units	ppm
Avg	-.000050
Stddev	.000124
%RSD	248.3900

#1	.000091
#2	-.000102
#3	-.000138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2711.199	3842.172	58328.38	12314.74	4377.478
Stddev	9.155	3.599	196.03	19.19	5.506
%RSD	.3376773	.0936723	.3360795	.1558210	.1257862

#1	2708.508	3838.113	58199.99	12309.09	4372.798
#2	2721.397	3843.428	58554.02	12299.01	4383.546
#3	2703.690	3844.974	58231.13	12336.12	4376.091

Sample Name: PB118538BS Acquired: 04/03/2019 15:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS538 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175581	.0454673	.0184776	.0684817	.1131447	.3680053
Stddev	.0021723	.0005881	.0016531	.0013931	.0002927	.0053282
%RSD	12.37207	1.293363	8.946748	2.034298	.2587147	1.447859

#1	.0173689	.0459249	.0201200	.0700840	.1130742	.3674021
#2	.0198188	.0456730	.0168139	.0675566	.1128936	.3630044
#3	.0154866	.0448040	.0184990	.0678046	.1134662	.3736095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3279443	.0092509	.0086770	8.550737	.0205356	.0885735
Stddev	.0007637	.0001282	.0000463	.042114	.0006157	.0001912
%RSD	.2328822	1.386281	.5338743	.4925189	2.998429	.2159111

#1	.3275091	.0091489	.0086318	8.599291	.0200643	.0885760
#2	.3288262	.0093948	.0087243	8.528810	.0203101	.0883810
#3	.3274977	.0092090	.0086750	8.524111	.0212323	.0887634

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422763	.1473713	.0305526	8.125194	.0751732	.0180810
Stddev	.0011168	.0052590	.0008934	.025035	.0001402	.0001648
%RSD	2.641586	3.568527	2.924263	.3081146	.1864437	.9115389

#1	.0415493	.1511169	.0314401	8.107909	.0753267	.0179001
#2	.0417174	.1496379	.0305644	8.153903	.0750520	.0181203
#3	.0435621	.1413591	.0296533	8.113771	.0751410	.0182227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.548277	.0944640	.1161405	8.036904	.0176064	.0198029
Stddev	.120167	.0031169	.0032779	.008722	.0018414	.0021045
%RSD	1.405740	3.299557	2.822312	.1085193	10.45864	10.62708

#1	8.506358	.0920001	.1158394	8.036183	.0168476	.0218948
#2	8.454685	.0934241	.1130236	8.045963	.0197059	.0176861
#3	8.683788	.0979679	.1195586	8.028565	.0162656	.0198280

Sample Name: PB118538BS Acquired: 04/03/2019 15:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS538 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0277129	.1769551	F .3019912	.0173597	F -.000393	F .0691169
Stddev	.0006438	.0038321	.0007214	.0009367	.000461	.0021929
%RSD	2.323211	2.165596	.2388920	5.395752	117.1521	3.172755

#1	.0284309	.1744614	.3022723	.0181295	.000104	.0705561
#2	.0271870	.1813676	.3011716	.0163168	-.000478	.0702016
#3	.0275208	.1750362	.3025298	.0176329	-.000806	.0665930

Elem	Sr4077
Units	ppm
Avg	.1903144
Stddev	.0007045
%RSD	.3701613

#1	.1910122
#2	.1903275
#3	.1896034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.861	3809.812	58203.97	12360.14	4408.797
Stddev	7.467	5.812	104.09	37.39	8.476
%RSD	.2776916	.1525531	.1788384	.3024825	.1922441

#1	2681.214	3816.498	58103.90	12336.37	4416.621
#2	2696.133	3805.962	58311.67	12403.24	4399.793
#3	2689.235	3806.977	58196.33	12340.83	4409.977

Sample Name: K2146-15 Acquired: 04/03/2019 15:15:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020802	.0009287	.0004915	.0014411	-.000053	-.057375	.2354099
Stddev	.0011373	.0014027	.0012358	.0015014	.002064	.003548	.0002076
%RSD	54.67365	151.0453	251.4449	104.1826	3927.490	6.184526	.0881662

#1	.0022323	-.000036	-.000102	.0012168	-.002348	-.054203	.2354799
#2	.0008745	.002538	-.000335	.0000645	.001651	-.056715	.2355733
#3	.0031339	.000284	.001912	.0030419	.000539	-.061207	.2351764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001129	-.000191	169.3035	.0002630	-.001248	-.002488	-.123379
Stddev	.0000359	.000038	.4775	.0001141	.000055	.002176	.005570
%RSD	31.80930	19.96227	.2820125	43.36207	4.431443	87.45675	4.514195

#1	.0001544	-.000234	169.4806	.0002423	-.001196	-.003263	-.129068
#2	.0000932	-.000176	168.7628	.0001608	-.001243	-.004170	-.117937
#3	.0000912	-.000162	169.6671	.0003861	-.001306	-.000031	-.123132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346294	52.89882	.0018413	-.000221	213.9666	.0007391	.0038653
Stddev	.0006932	.13321	.0002451	.000313	.1706	.0012313	.0004389
%RSD	2.001708	.2518274	13.31057	141.5573	.0797513	166.5902	11.35575

#1	.0340155	52.95174	.0018256	-.000439	213.7895	-.000621	.0033775
#2	.0353812	52.74728	.0020938	.000138	213.9803	.001777	.0039898
#3	.0344914	52.99745	.0016044	-.000362	214.1300	.001061	.0042285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.412730	.0135840	2.325508	.0056974	56.55515	12.92607	-.012025
Stddev	.017074	.0007454	.011610	.0003331	.32915	.08674	.002245
%RSD	.2029570	5.487488	.4992548	5.846753	.5819912	.6710086	18.66899

#1	8.423516	.0135404	2.336594	.0060478	56.27186	13.02415	-.009520
#2	8.393045	.0128614	2.326492	.0053848	56.47736	12.89456	-.013855
#3	8.421630	.0143503	2.313437	.0056597	56.91622	12.85948	-.012701

Sample Name: K2146-15 Acquired: 04/03/2019 15:15:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007198	.0022795	.8582886
Stddev	.001393	.0006076	.0011181
%RSD	19.35249	26.65356	.1302741

#1	-.005599	.0016033	.8575913
#2	-.008152	.0027795	.8576961
#3	-.007842	.0024557	.8595782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.908	3634.247	56521.42	12080.37	4098.318
Stddev	18.161	4.405	282.95	20.44	9.495
%RSD	.7004252	.1212177	.5005991	.1692011	.2316866

#1	2610.132	3637.967	56845.89	12069.62	4102.442
#2	2594.656	3635.392	56392.37	12067.55	4105.055
#3	2573.935	3629.383	56326.01	12103.94	4087.458

Sample Name: K2021-01A Acquired: 04/03/2019 15:19:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469512	.0631744	3.583513	-.063702	.0476136	143.1850
Stddev	.0076162	.0002425	.006347	.002860	.0011840	.2533
%RSD	16.22146	.3838953	.1771106	4.490007	2.486581	.1768719

#1	.0556693	.0632046	3.578031	-.063936	.0464710	142.9984
#2	.0435927	.0629182	3.582043	-.060732	.0488349	143.4733
#3	.0415915	.0634004	3.590467	-.066438	.0475349	143.0834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060377	.0474842	.0619411	F 1164.721	.9118050	.2415933
Stddev	.000700	.0003796	.0002842	4.989	.0010928	.0012735
%RSD	.0660537	.7994771	.4587724	.4283223	.1198473	.5271245

#1	1.059635	.0478553	.0617814	1170.015	.9105859	.2415151
#2	1.061027	.0475006	.0617728	1164.043	.9126965	.2403607
#3	1.060468	.0470966	.0622692	1160.106	.9121326	.2429041

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.370283	F 1035.601	7.254252	76.44167	1.267338	-.062785
Stddev	.016082	4.255	.030645	.15263	.003249	.000155
%RSD	.2524582	.4109179	.4224387	.1996739	.2563481	.2474769

#1	6.364804	1030.756	7.244795	76.28299	1.264002	-.062755
#2	6.388389	1038.730	7.288510	76.58744	1.267520	-.062954
#3	6.357656	1037.318	7.229450	76.45458	1.270492	-.062647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.119646	1.280752	16.45527	7.503192	4.371925	^ *****
Stddev	.265917	.004791	.08986	.011657	.010544	-----
%RSD	3.274988	.3740873	.5460723	.1553585	.2411745	-----

#1	8.394941	1.276062	16.45778	7.495101	4.379885	^ -----
#2	7.864221	1.280554	16.36418	7.497922	4.375924	^ -----
#3	8.099777	1.285638	16.54384	7.516553	4.359967	^ -----

Sample Name: K2021-01A Acquired: 04/03/2019 15:19:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1594820	18.65444	48.57363	.5105030	8.361178	.1438648
Stddev	.0002018	.03063	.35070	.0044609	.024479	.0032374
%RSD	.1265465	.1641709	.7220026	.8738274	.2927679	2.250301

#1	.1596852	18.68167	48.62102	.5057853	8.342185	.1475548
#2	.1592816	18.62129	48.89824	.5110708	8.388803	.1415019
#3	.1594792	18.66038	48.20165	.5146528	8.352545	.1425375

Elem	Sr4077
Units	ppm
Avg	6.674458
Stddev	.058297
%RSD	.8734280

#1	6.736148
#2	6.666943
#3	6.620284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.282	3504.683	56780.69	12391.80	3496.107
Stddev	9.653	3.906	214.11	52.26	2.092
%RSD	.3880978	.1114582	.3770878	.4216956	.0598367

#1	2485.637	3500.173	56976.36	12387.53	3495.869
#2	2497.651	3506.886	56813.74	12341.82	3498.308
#3	2478.557	3506.990	56551.98	12446.06	3494.145

Sample Name: K2021-01DLX2 Acquired: 04/03/2019 15:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193508	.0375803	1.833243	-.075604	.0239418	73.34565	.5490330
Stddev	.0027576	.0014841	.003165	.005886	.0013874	.10283	.0015682
%RSD	14.25034	3.949159	.1726447	7.785915	5.794833	.1402025	.2856251

#1	.0194584	.0359571	1.829600	-.068964	.0250929	73.44680	.5491856
#2	.0220529	.0388679	1.835323	-.080184	.0224013	73.34893	.5505194
#3	.0165409	.0379158	1.834804	-.077663	.0243312	73.24121	.5473942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259373	.0300326	601.3775	.4942210	.1209871	3.266190	563.4791
Stddev	.0001090	.0002189	1.8855	.0003722	.0005658	.017450	3.3262
%RSD	.4201719	.7287371	.3135368	.0753073	.4676245	.5342534	.5902965

#1	.0260428	.0299284	599.2297	.4937956	.1203382	3.284193	566.9978
#2	.0259438	.0298853	602.7607	.4943808	.1213768	3.265027	563.0531
#3	.0258251	.0302841	602.1420	.4944866	.1212463	3.249351	560.3865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.883961	40.39518	.6519866	-.032801	4.121749	.6816979	8.497253
Stddev	.025305	.23348	.0005793	.000526	.201537	.0047965	.045386
%RSD	.6515233	.5779838	.0888542	1.604052	4.889607	.7036058	.5341279

#1	3.910846	40.63319	.6513819	-.032571	4.352251	.6872016	8.538942
#2	3.880430	40.38581	.6525366	-.032430	4.034224	.6784093	8.448905
#3	3.860608	40.16652	.6520414	-.033403	3.978771	.6794828	8.503912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.814534	2.200451	-1.07854	.0850706	9.252043	25.25758	.2540688
Stddev	.010443	.006789	.00249	.0006588	.016423	.04167	.0018603
%RSD	.2737798	.3085480	.2305165	.7743927	.1775103	.1649807	.7321980

#1	3.818966	2.193101	-1.07575	.0843876	9.233968	25.30335	.2562130
#2	3.822030	2.201763	-1.07938	.0851220	9.256113	25.24753	.2531080
#3	3.802605	2.206488	-1.08050	.0857022	9.266049	25.22184	.2528853

Sample Name: K2021-01DLX2 Acquired: 04/03/2019 15:24:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.370142	.0704522	3.465388
Stddev	.021853	.0009706	.014326
%RSD	.5000499	1.377709	.4134059

#1	4.393166	.0693612	3.478349
#2	4.367574	.0712199	3.450006
#3	4.349687	.0707755	3.467809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.892	3527.934	55961.79	12115.03	3730.200
Stddev	9.893	16.039	102.99	25.78	11.591
%RSD	.3938544	.4546291	.1840448	.2127971	.3107281

#1	2504.414	3512.926	56037.76	12085.92	3719.993
#2	2523.110	3526.039	56003.04	12124.18	3727.806
#3	2508.152	3544.836	55844.56	12134.99	3742.800

Sample Name: K2021-02DLX2 Acquired: 04/03/2019 15:32:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218725	.0352789	1.808729	-.080548	.0256965	72.58126	.5459952
Stddev	.0027861	.0010423	.002310	.010199	.0020037	.07725	.0007626
%RSD	12.73803	2.954422	.1276872	12.66196	7.797756	.1064382	.1396727

#1	.0226953	.0344027	1.809369	-.090311	.0241049	72.67042	.5453210
#2	.0241546	.0364315	1.810651	-.069963	.0279467	72.53931	.5468228
#3	.0187677	.0350025	1.806167	-.081369	.0250380	72.53407	.5458417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254956	.0296226	598.4205	.4894565	.1195265	3.229716	554.0565
Stddev	.0003352	.0000389	5.1727	.0007740	.0004105	.008768	3.0813
%RSD	1.314746	.1314122	.8643917	.1581410	.3434487	.2714817	.5561320

#1	.0254933	.0296542	600.3260	.4897222	.1190581	3.236839	557.6026
#2	.0251615	.0295791	592.5653	.4900627	.1198238	3.219923	552.0314
#3	.0258319	.0296344	602.3702	.4885846	.1196975	3.232385	552.5356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.814897	39.81737	.6426541	-.031823	3.896887	.6709170	8.398534
Stddev	.024681	.20678	.0012147	.001029	.095496	.0027215	.074222
%RSD	.6469752	.5193142	.1890131	3.233279	2.450568	.4056368	.8837487

#1	3.843230	40.05077	.6414213	-.030887	3.788562	.6740191	8.471700
#2	3.798063	39.65707	.6438498	-.031656	3.968904	.6698007	8.400603
#3	3.803399	39.74428	.6426912	-.032925	3.933195	.6689311	8.323299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.773744	2.150087	-1.06878	.0840751	9.079296	24.95968	.2478610
Stddev	.061477	.009374	.01613	.0010865	.019059	.21164	.0023933
%RSD	1.629064	.4359718	1.509179	1.292272	.2099219	.8479187	.9655803

#1	3.836982	2.158063	-1.06452	.0838160	9.097416	24.94794	.2451624
#2	3.770054	2.152434	-1.05520	.0852677	9.059419	24.75415	.2497261
#3	3.714195	2.139762	-1.08661	.0831416	9.081054	25.17694	.2486947

Sample Name: K2021-02DLX2 Acquired: 04/03/2019 15:32:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.316389	.0658363	3.434236
Stddev	.009356	.0017741	.025806
%RSD	.2167628	2.694716	.7514196

#1	4.323480	.0678187	3.459634
#2	4.305784	.0643978	3.408041
#3	4.319901	.0652925	3.435032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2513.252	3554.428	56157.28	12174.66	3773.704
Stddev	14.150	3.572	265.22	71.60	4.151
%RSD	.5630029	.1005034	.4722750	.5880946	.1100111

#1	2497.376	3551.966	55974.25	12151.89	3771.657
#2	2517.850	3558.525	56036.15	12254.88	3778.481
#3	2524.531	3552.792	56461.43	12117.22	3770.973

Sample Name: CCV064 Acquired: 04/03/2019 15:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001644	5.043684	24.94721	4.879712	4.892707	423.3327
Stddev	.031231	.025334	.10098	.019611	.017706	3.1692
%RSD	.6244077	.5022943	.4047707	.4018875	.3618861	.7486289

#1	4.984247	5.018676	24.89146	4.857297	4.879568	424.7053
#2	4.982986	5.043044	24.88639	4.888138	4.885711	419.7086
#3	5.037698	5.069332	25.06377	4.893702	4.912842	425.5842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55486	.5308693	2.518245	432.0895	15.33160	2.546486
Stddev	.03311	.0025855	.009018	2.6477	.12159	.010087
%RSD	.3137217	.4870396	.3581168	.6127730	.7930620	.3961339

#1	10.53393	.5325863	2.511037	432.9016	15.25820	2.541791
#2	10.59304	.5278957	2.515340	429.1309	15.26465	2.539601
#3	10.53762	.5321260	2.528357	434.2361	15.47195	2.558065

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98982	428.4376	15.58825	421.6330	2.502162	1.276242
Stddev	.01358	2.6821	.10102	2.5036	.010713	.014016
%RSD	.0849310	.6260181	.6480544	.5937796	.4281519	1.098216

#1	15.98333	429.0675	15.62276	421.7049	2.493153	1.268725
#2	15.98070	425.4966	15.47450	419.0942	2.499324	1.267589
#3	16.00543	430.7487	15.66749	424.0998	2.514008	1.292413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	413.9148	2.518757	15.50758	158.3402	5.255413	F 4.305345
Stddev	.8134	.004583	.22072	.1869	.020417	.026347
%RSD	.1965084	.1819454	1.423287	.1180061	.3884889	.6119702

#1	413.0043	2.518186	15.29660	158.1659	5.234932	4.321948
#2	414.5696	2.514487	15.48926	158.3172	5.255544	4.274965
#3	414.1705	2.523599	15.73689	158.5375	5.275764	4.319121

Sample Name: CCV064 Acquired: 04/03/2019 15:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.563798	5.279799	5.126092	4.977304	5.327173	5.157025
Stddev	.011269	.035373	.029571	.017781	.006338	.022701
%RSD	.2469311	.6699761	.5768704	.3572332	.1189820	.4401935

#1	4.553491	5.253247	5.135191	4.965891	5.325357	5.146237
#2	4.562071	5.266195	5.093041	4.968231	5.321942	5.183109
#3	4.575831	5.319955	5.150044	4.997791	5.334222	5.141731

Elem	Sr4077
Units	ppm
Avg	5.295545
Stddev	.015677
%RSD	.2960390

#1	5.281611
#2	5.292503
#3	5.312519

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.041	3150.447	51901.04	11322.42	3377.698
Stddev	24.750	3.969	382.87	54.93	6.742
%RSD	1.094160	.1259785	.7377012	.4851798	.1995907

#1	2286.049	3154.545	52164.71	11284.15	3384.125
#2	2263.465	3150.177	52076.53	11385.37	3378.290
#3	2236.610	3146.621	51461.87	11297.74	3370.680

Sample Name: CCB064 Acquired: 04/03/2019 15:40:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012398	-.002835	-.001891	.0033540	-.000437	.0006007	-.004801
Stddev	.0024022	.000697	.001676	.0000776	.000867	.0065492	.000665
%RSD	193.7625	24.59549	88.59871	2.312302	198.4317	1090.295	13.84338

#1	.0038312	-.002197	-.001377	.0034376	-.000364	-.004420	-.004048
#2	.0008005	-.002730	-.000533	.0033401	.000391	.008009	-.005049
#3	-.000913	-.003580	-.003763	.0032844	-.001338	-.001787	-.005306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000064	-.000197	.0067917	.0001716	.0001288	.0042049	.0084764
Stddev	.0000404	.000062	.0184786	.0005001	.0001923	.0018636	.0136226
%RSD	634.2698	31.37500	272.0757	291.5431	149.3624	44.32000	160.7116

#1	-.000038	-.000137	.0244780	.0007113	.0002750	.0029072	-.005918
#2	.000042	-.000260	-.012389	-.000276	-.000089	.0063403	.021167
#3	.000015	-.000194	.008286	.000079	.000200	.0033671	.010179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007119	-.013116	.0002200	.0000877	-.045326	-.000140	.0044830
Stddev	.0004661	.006102	.0002634	.0003876	.417763	.001577	.0036936
%RSD	65.47991	46.52161	119.7378	441.9221	921.6921	1127.116	82.39273

#1	.0003648	-.014306	.0003784	.0004988	.003094	-.000943	.0086722
#2	.0012417	-.006507	.0003657	-.000271	-.485189	-.001153	.0030816
#3	.0005292	-.018536	-.000084	.000035	.346118	.001677	.0016951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1771761	.0006660	.0056077	.0003630	-.000473	-.003973	-.003175
Stddev	.0582528	.0028730	.0005701	.0005336	.001360	.001778	.000773
%RSD	32.87847	431.4011	10.16645	146.9835	287.7833	44.74545	24.35020

#1	.2322611	.0015383	.0054899	.0000508	.001071	-.002696	-.003886
#2	.1830646	.0030017	.0062275	.0000591	-.000991	-.006004	-.002352
#3	.1162027	-.002542	.0051057	.0009791	-.001498	-.003220	-.003286

Sample Name: CCB064 Acquired: 04/03/2019 15:40:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000882	.0028238	.0000476
Stddev	.000687	.0012541	.0000410
%RSD	77.90210	44.41019	86.02453

#1	-.000248	.0040802	.0000859
#2	-.000785	.0028192	.0000044
#3	-.001612	.0015721	.0000526

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.863	3646.830	55238.77	11685.54	4171.218
Stddev	17.519	10.442	375.89	51.52	6.271
%RSD	.6868045	.2863280	.6804779	.4408824	.1503442

#1	2536.293	3654.769	54988.68	11744.74	4176.886
#2	2545.994	3650.720	55056.61	11660.96	4172.287
#3	2570.302	3635.002	55671.04	11650.91	4164.481

Sample Name: K2146-16 Acquired: 04/03/2019 15:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045547	.0006138	.0003493	.0018690	-.000284	-.061049	.2364090
Stddev	.0008154	.0016257	.0010703	.0048429	.000847	.003807	.0012553
%RSD	17.90245	264.8521	306.3763	259.1137	298.6170	6.236021	.5309921

#1	.0051383	.0000615	.0015111	.0056867	.000535	-.059022	.2350175
#2	.0049027	-.000664	.0001333	.0034989	-.001157	-.065440	.2367531
#3	.0036230	.002444	-.000596	-.003579	-.000229	-.058684	.2374563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001479	-.000141	171.4322	.0006941	-.001340	-.002469	-.129189
Stddev	.0000872	.000025	.5771	.0000551	.000118	.000428	.003636
%RSD	58.95923	18.03151	.3366129	7.943526	8.789663	17.31412	2.814235

#1	.0001104	-.000146	171.5667	.0007494	-.001294	-.002952	-.127148
#2	.0002476	-.000163	170.7998	.0006392	-.001252	-.002316	-.133386
#3	.0000857	-.000113	171.9302	.0006937	-.001474	-.002140	-.127031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348569	53.52288	.0025259	.0007115	215.8175	.0023852	.0041836
Stddev	.0008579	.28498	.0001892	.0000915	.3279	.0006486	.0034472
%RSD	2.461293	.5324405	7.491661	12.85419	.1519425	27.19111	82.39793

#1	.0354011	53.63643	.0025246	.0007494	215.6050	.0028922	.0048713
#2	.0338679	53.19863	.0023373	.0007780	215.6523	.0016544	.0004444
#3	.0353016	53.73357	.0027157	.0006072	216.1951	.0026090	.0072351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.522464	.0119057	2.347364	.0057580	56.81831	13.03224	-.012057
Stddev	.045099	.0019658	.015352	.0004721	.02985	.07300	.001695
%RSD	.5291760	16.51159	.6540037	8.198987	.0525334	.5601500	14.06100

#1	8.473041	.0123131	2.364936	.0062947	56.81402	13.11652	-.010935
#2	8.561387	.0097681	2.340607	.0055720	56.79084	12.99105	-.014007
#3	8.532964	.0136359	2.336550	.0054072	56.85007	12.98913	-.011228

Sample Name: K2146-16 Acquired: 04/03/2019 15:44:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007548	.0026665	.8653252
Stddev	.000667	.0019876	.0010190
%RSD	8.837018	74.54146	.1177626

#1	-.007872	.0031457	.8643174
#2	-.006781	.0004830	.8653031
#3	-.007992	.0043707	.8663551

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.662	3636.436	57235.97	12081.54	4103.274
Stddev	32.502	10.341	545.31	55.19	11.763
%RSD	1.242609	.2843711	.9527467	.4568292	.2866712

#1	2598.052	3645.442	56780.91	12043.24	4114.766
#2	2595.764	3638.724	57086.61	12144.80	4103.799
#3	2653.169	3625.143	57840.41	12056.57	4091.258

Sample Name: K2146-17 Acquired: 04/03/2019 15:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443714	.0531454	.0215937	.0119957	.1077807	1.883020	2.438235
Stddev	.0018906	.0009067	.0026348	.0004926	.0024265	.004894	.002592
%RSD	4.260879	1.706085	12.20169	4.106039	2.251285	.2599260	.1062919

#1	.0465525	.0530637	.0185643	.0117867	.1103051	1.878278	2.439092
#2	.0431989	.0522824	.0228646	.0116421	.1054658	1.882728	2.440290
#3	.0433629	.0540903	.0233521	.0125583	.1075712	1.888054	2.435323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510415	.0496812	169.2164	.2148188	.5186207	.2609680	.9582221
Stddev	.0001554	.0000786	.6836	.0012700	.0004778	.0027315	.0131653
%RSD	.3044199	.1581360	.4039755	.5911806	.0921271	1.046666	1.373930

#1	.0511217	.0497427	168.4645	.2138632	.5190891	.2580673	.9430280
#2	.0508624	.0495927	169.3843	.2162599	.5186390	.2613457	.9662429
#3	.0511404	.0497081	169.8005	.2143333	.5181340	.2634909	.9653955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5772162	52.93245	.5220434	.0531312	213.4759	.5385105	.5476756
Stddev	.0036598	.31027	.0011779	.0004572	.2087	.0032523	.0020892
%RSD	.6340499	.5861551	.2256231	.8604901	.0977491	.6039466	.3814728

#1	.5736233	52.64966	.5207706	.0527547	213.7075	.5355914	.5478032
#2	.5770856	52.88335	.5222646	.0536399	213.4180	.5379240	.5496981
#3	.5809395	53.26434	.5230949	.0529989	213.3024	.5420162	.5455255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.452432	.0090861	2.315342	.0060657	56.77971	12.83115	-.011633
Stddev	.056716	.0010612	.005587	.0004048	.13137	.00530	.001088
%RSD	.6710006	11.67956	.2413235	6.672767	.2313644	.0412945	9.349309

#1	8.467334	.0103101	2.317435	.0060006	56.82128	12.82783	-.011418
#2	8.500209	.0084234	2.319582	.0064990	56.63259	12.82835	-.012812
#3	8.389753	.0085249	2.309011	.0056974	56.88526	12.83726	-.010669

Sample Name: K2146-17 Acquired: 04/03/2019 15:48:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008856	.0027050	.8606643
Stddev	.001304	.0009782	.0010898
%RSD	14.72845	36.16436	.1266276

#1	-.010325	.0035630	.8596370
#2	-.007835	.0016397	.8605484
#3	-.008407	.0029122	.8618074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.330	3632.784	56283.88	12058.71	4085.743
Stddev	10.899	11.797	203.93	31.07	9.064
%RSD	.4251887	.3247431	.3623243	.2576626	.2218476

#1	2559.557	3639.532	56123.70	12044.41	4094.378
#2	2554.818	3619.162	56214.49	12037.36	4076.303
#3	2575.614	3639.657	56513.45	12094.35	4086.547

Sample Name: K2146-15LX5 Acquired: 04/03/2019 15:52:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	-.000685	-.000091	.0019753	-.001622	-.023480	.0437069
Stddev	.001960	.001357	.001235	.0012644	.000503	.009084	.0012133
%RSD	1162.853	198.0009	1362.596	64.00750	31.02923	38.68701	2.776061

#1	.002023	-.001919	-.000017	.0019826	-.001055	-.022123	.0437051
#2	-.000775	-.000905	-.001361	.0007074	-.001797	-.033165	.0424945
#3	-.001754	.000768	.001106	.0032360	-.002015	-.015151	.0449211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001085	-.000085	34.39278	.0000447	-.000595	-.000087	-.032308
Stddev	.0000578	.000097	.13854	.0003431	.000149	.002500	.004984
%RSD	53.25689	114.4721	.4028250	766.7185	25.02258	2881.658	15.42649

#1	.0001319	-.000023	34.30783	.0001415	-.000759	-.000819	-.028690
#2	.0001510	-.000035	34.31786	.0003292	-.000560	-.002139	-.037993
#3	.0000427	-.000197	34.55265	-.000336	-.000467	.002697	-.030241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073397	10.76452	.0005207	.0004591	43.81920	.0030156	-.000522
Stddev	.0003312	.09913	.0005493	.0004588	.29879	.0016045	.000939
%RSD	4.511721	.9208680	105.4924	99.92131	.6818651	53.20673	179.9564

#1	.0072777	10.68083	-.000060	.0008827	43.50280	.0041297	-.000761
#2	.0070440	10.73875	.001032	-.000028	44.09654	.0037406	-.001318
#3	.0076975	10.87399	.000590	.000523	43.85825	.0011765	.000514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.765121	.0047381	.4693061	.0016330	10.96395	2.600470	-.007377
Stddev	.048321	.0026975	.0042783	.0006752	.03652	.007120	.001482
%RSD	2.737574	56.93278	.9116197	41.34490	.3330463	.2738021	20.09336

#1	1.726450	.0018904	.4712478	.0013155	10.93346	2.601208	-.006068
#2	1.819290	.0072550	.4644012	.0024083	10.95398	2.593009	-.008986
#3	1.749623	.0050688	.4722692	.0011751	11.00442	2.607192	-.007077

Sample Name: K2146-15LX5 Acquired: 04/03/2019 15:52:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001823	.0055625	.1777808
Stddev	.000472	.0011820	.0003918
%RSD	25.87640	21.24940	.2203801

#1	-.001279	.0044126	.1773332
#2	-.002079	.0067742	.1780618
#3	-.002112	.0055007	.1779473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.838	3632.807	55513.12	11926.76	4211.563
Stddev	7.559	10.365	163.71	36.03	8.548
%RSD	.2960012	.2853174	.2948978	.3020810	.2029582

#1	2560.500	3623.697	55701.55	11925.07	4201.790
#2	2545.623	3630.639	55432.02	11963.61	4215.255
#3	2555.392	3644.084	55405.81	11891.61	4217.644

Sample Name: PB118573BL Acquired: 04/03/2019 15:56:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW573 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000193	.0018382	.0006873	-.000884	.0037902	-.004072
Stddev	.001065	.001618	.0007780	.0031093	.000438	.0021013	.000436
%RSD	1962.307	840.3254	42.32310	452.4078	49.52620	55.44025	10.71500

#1	.001042	.001560	.0026412	.0029668	-.000554	.0037660	-.004534
#2	-.000120	-.000507	.0017855	.0019496	-.001380	.0017011	-.003667
#3	-.001085	-.001631	.0010879	-.002855	-.000717	.0059035	-.004015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001475	-.000187	.0204055	.0003885	.0001358	-.004212	-.046816
Stddev	.0000867	.000045	.0107048	.0000777	.0001058	.002834	.001903
%RSD	58.78669	24.01841	52.46013	20.00032	77.92029	67.29205	4.065334

#1	.0001083	-.000227	.0085950	.0004246	.0000421	-.002301	-.049012
#2	.0002468	-.000139	.0294691	.0002993	.0001147	-.007468	-.045657
#3	.0000873	-.000194	.0231525	.0004416	.0002505	-.002867	-.045778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000932	-.022059	.0005250	.0006404	-.179454	.0008944	.0013330
Stddev	.000255	.013838	.0003817	.0001812	.148432	.0010591	.0038906
%RSD	27.40505	62.73204	72.69975	28.29278	82.71318	118.4049	291.8672

#1	-.000932	-.030239	.0004154	.0004412	-.302208	.0015670	.0056281
#2	-.001187	-.006082	.0002102	.0006846	-.014488	.0014427	-.001955
#3	-.000677	-.029857	.0009495	.0007955	-.221664	-.000326	.000326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.03266	.0020450	-.006803	-.000182	.0047754	-.005959	-.004224
Stddev	.01589	.0023920	.002607	.000268	.0029780	.000727	.000312
%RSD	1.538440	116.9691	38.31745	147.4618	62.36109	12.20269	7.380718

#1	-1.03873	.0045256	-.006610	-.000469	.0015882	-.005466	-.004025
#2	-1.01463	-.000247	-.009501	-.000136	.0074870	-.005618	-.004584
#3	-1.04462	.001857	-.004298	.000061	.0052511	-.006794	-.004064

Sample Name: PB118573BL Acquired: 04/03/2019 15:56:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW573 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001330	-.017513	-.000043
Stddev	.000711	.001400	.000092
%RSD	53.44031	7.995274	213.0615

#1	-.001888	-.015979	-.000059
#2	-.001571	-.017836	-.000127
#3	-.000530	-.018723	.000056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.379	3828.386	57798.62	12315.59	4348.213
Stddev	22.801	5.021	208.35	23.35	3.800
%RSD	.8497049	.1311582	.3604818	.1896232	.0874033

#1	2701.008	3832.529	57897.65	12320.12	4346.214
#2	2691.499	3822.802	57938.98	12336.35	4345.830
#3	2657.629	3829.827	57559.22	12290.31	4352.596

Sample Name: PB118573BS Acquired: 04/03/2019 16:00:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS573 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189632	.0462825	.0203892	.0685527	.1143909	.3740045
Stddev	.0034867	.0009727	.0007991	.0021823	.0003103	.0042644
%RSD	18.38677	2.101542	3.919240	3.183384	.2712391	1.140204

#1	.0149893	.0451919	.0213071	.0674335	.1140383	.3784263
#2	.0215100	.0470601	.0200121	.0710675	.1146221	.3699172
#3	.0203903	.0465955	.0198484	.0671569	.1145124	.3736700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3347102	.0093054	.0087425	8.830041	.0207906	.0903667
Stddev	.0003221	.0001522	.0000559	.043896	.0002777	.0004698
%RSD	.0962401	1.635494	.6388407	.4971181	1.335714	.5199275

#1	.3345990	.0093639	.0087883	8.870335	.0206954	.0903743
#2	.3350732	.0094196	.0087588	8.783264	.0211033	.0908327
#3	.3344584	.0091326	.0086803	8.836524	.0205730	.0898931

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424751	.1528820	.0318100	8.320308	.0762622	.0185912
Stddev	.0009080	.0028902	.0002570	.044730	.0000970	.0001220
%RSD	2.137803	1.890488	.8078545	.5375968	.1272383	.6561600

#1	.0415184	.1520151	.0318172	8.371906	.0762922	.0184863
#2	.0433250	.1561065	.0315495	8.292514	.0763408	.0185621
#3	.0425819	.1505245	.0320633	8.296503	.0761538	.0187251

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.864082	.0962061	.1183147	8.248054	.0194748	.0230556
Stddev	.154301	.0006212	.0013340	.049082	.0022029	.0012098
%RSD	1.740741	.6456615	1.127535	.5950711	11.31157	5.247517

#1	8.751428	.0967419	.1167774	8.261019	.0176789	.0241482
#2	9.039952	.0963511	.1189990	8.289352	.0219328	.0217554
#3	8.800866	.0955252	.1191677	8.193791	.0188127	.0232631

Sample Name: PB118573BS Acquired: 04/03/2019 16:00:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS573 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0278826	.1810576	F .3036812	.0179809	F -.001487	.0703331
Stddev	.0001391	.0047682	.0004303	.0020569	.000912	.0001833
%RSD	.4987643	2.633553	.1416959	11.43944	61.34707	.2605447

#1	.0279905	.1839694	.3039599	.0156352	-.000927	.0701418
#2	.0279315	.1836487	.3031856	.0194768	-.000995	.0705071
#3	.0277256	.1755549	.3038982	.0188305	-.002540	.0703505

Elem	Sr4077
Units	ppm
Avg	.1950311
Stddev	.0004571
%RSD	.2343497

#1	.1946161
#2	.1949561
#3	.1955210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.845	3793.749	57352.45	12315.83	4392.933
Stddev	19.918	13.781	185.21	79.40	11.522
%RSD	.7511092	.3632640	.3229359	.6447188	.2622779

#1	2674.815	3802.656	57503.62	12237.50	4403.353
#2	2641.369	3777.876	57407.89	12313.72	4380.559
#3	2639.351	3800.716	57145.85	12396.26	4394.887

Sample Name: PB118584BL Acquired: 04/03/2019 16:04:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW584 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010999	-.000542	-.001710	.0000917	-.001668	-.002923	-.003780
Stddev	.0021846	.001632	.001139	.0011998	.001492	.010622	.000073
%RSD	198.6260	301.0690	66.62806	1309.043	89.42883	363.3580	1.943818

#1	.0034009	.000421	-.002378	-.001228	-.001902	.008098	-.003715
#2	.0008446	-.002426	-.000394	.000386	-.000073	-.003773	-.003860
#3	-.000946	.000379	-.002357	.001117	-.003029	-.013095	-.003765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001192	-.000131	.0132288	-.000224	.0000828	-.005685	-.051497
Stddev	.0001021	.000047	.0051376	.000183	.0002671	.000689	.007376
%RSD	85.64778	35.44668	38.83625	81.71088	322.3178	12.11704	14.32306

#1	.0002345	-.000160	.0183697	-.000050	.0000066	-.005070	-.057523
#2	.0000829	-.000156	.0132220	-.000206	.0003797	-.006429	-.043272
#3	.0000402	-.000078	.0080946	-.000415	-.000138	-.005556	-.053695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000832	-.021830	.0002095	-.000155	-.166053	.0007414	-.001099
Stddev	.000327	.024775	.0000446	.000462	.204613	.0016439	.001560
%RSD	39.36338	113.4897	21.28234	297.6230	123.2216	221.7476	141.9512

#1	-.000525	-.043822	.0001736	.000333	.053203	.0026336	.000635
#2	-.000795	.005011	.0002594	-.000214	-.199448	-.000075	-.001541
#3	-.001176	-.026679	.0001954	-.000584	-.351915	-.000335	-.002391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.04154	.0017414	-.008307	-.000043	.0049469	-.009884	-.006048
Stddev	.03085	.0037685	.003261	.000259	.0051172	.001725	.000925
%RSD	2.961993	216.4011	39.26111	597.7416	103.4432	17.45204	15.28612

#1	-1.04244	.0052975	-.011508	-.000019	.0084823	-.009060	-.005050
#2	-1.01024	-.002209	-.008424	-.000313	.0072795	-.008726	-.006875
#3	-1.07192	.002135	-.004989	.000202	-.000921	-.011867	-.006220

Sample Name: PB118584BL Acquired: 04/03/2019 16:04:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW584 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000242	-.017954	-.000108
Stddev	.002130	.001594	.000009
%RSD	879.8591	8.877727	8.461735

#1	.000926	-.016514	-.000117
#2	.001049	-.019667	-.000099
#3	-.002701	-.017682	-.000108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.177	3809.023	57596.24	12267.64	4316.740
Stddev	10.370	8.311	181.34	36.28	6.337
%RSD	.3879158	.2181804	.3148508	.2957320	.1468108

#1	2679.814	3804.063	57794.92	12307.75	4315.948
#2	2678.489	3818.617	57554.19	12258.08	4323.437
#3	2661.228	3804.389	57439.62	12237.11	4310.837

Sample Name: PB118584BS Acquired: 04/03/2019 16:09:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS584 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209628	.0460465	.0174038	.0674392	.1131246	.3707295
Stddev	.0016560	.0025202	.0009367	.0021635	.0005816	.0094439
%RSD	7.899882	5.473256	5.381857	3.208137	.5141348	2.547388

#1	.0228707	.0457762	.0172245	.0688848	.1132681	.3735086
#2	.0198977	.0436722	.0165698	.0684810	.1124847	.3784721
#3	.0201200	.0486909	.0184172	.0649519	.1136211	.3602079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3331469	.0093954	.0085761	8.698844	.0210552	.0894687
Stddev	.0007821	.0001211	.0000624	.032563	.0003686	.0000552
%RSD	.2347556	1.289184	.7279631	.3743411	1.750699	.0616831

#1	.3340093	.0094683	.0085994	8.715331	.0211520	.0895303
#2	.3329479	.0092556	.0085054	8.661334	.0206478	.0894520
#3	.3324836	.0094624	.0086235	8.719866	.0213657	.0894238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424351	.1484105	.0309241	8.182063	.0755532	.0177859
Stddev	.0007089	.0044653	.0001164	.046488	.0002427	.0001024
%RSD	1.670638	3.008785	.3764403	.5681676	.3212212	.5758159

#1	.0420311	.1523531	.0309857	8.229731	.0753414	.0178211
#2	.0432537	.1435615	.0307899	8.179604	.0755003	.0178660
#3	.0420206	.1493170	.0309968	8.136853	.0758180	.0176705

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.718163	.0964860	.1170028	8.169122	.0184667	.0205134
Stddev	.127182	.0011221	.0028902	.030901	.0010942	.0013497
%RSD	1.458811	1.162960	2.470181	.3782659	5.925313	6.579646

#1	8.828233	.0962635	.1192627	8.182290	.0181773	.0203866
#2	8.578934	.0977026	.1179994	8.133818	.0196766	.0192316
#3	8.747322	.0954918	.1137461	8.191257	.0175463	.0219220

Sample Name: PB118584BS Acquired: 04/03/2019 16:09:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS584 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0272976	.2071684	F .3049420	.0179709	F -.000640	F .0691580
Stddev	.0004312	.0027323	.0042900	.0011000	.001258	.0005711
%RSD	1.579556	1.318884	1.406839	6.120948	196.5602	.8257227

#1	.0273142	.2043803	.3040904	.0171203	-.001886	.0685046
#2	.0277202	.2072836	.3011416	.0175793	-.000666	.0694081
#3	.0268583	.2098413	.3095940	.0192131	.000631	.0695614

Elem	Sr4077
Units	ppm
Avg	.1939678
Stddev	.0002353
%RSD	.1213040

#1	.1937055
#2	.1940379
#3	.1941601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.191	3795.276	57549.13	12260.33	4381.716
Stddev	4.836	4.248	77.07	28.30	2.303
%RSD	.1814632	.1119348	.1339232	.2308010	.0525653

#1	2670.076	3798.588	57486.06	12232.89	4382.161
#2	2660.405	3790.486	57526.29	12289.41	4383.764
#3	2665.094	3796.753	57635.04	12258.71	4379.223

Sample Name: K2147-01 Acquired: 04/03/2019 16:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034648	.0011122	.0036589	.0040134	-.000553	-.035040	.0548149
Stddev	.0053850	.0010704	.0010991	.0032321	.001454	.010240	.0004040
%RSD	155.4188	96.24289	30.03842	80.53192	262.9440	29.22220	.7369895

#1	-.002548	.0015977	.0045499	.0030188	-.002091	-.030926	.0552699
#2	.007843	-.000115	.0024307	.0076259	.000799	-.027498	.0544984
#3	.005100	.001854	.0039960	.0013955	-.000366	-.046697	.0546765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000672	-.000201	136.7840	.0018539	-.000851	-.003513	2.496763
Stddev	.0000266	.000084	.9699	.0006382	.000314	.002161	.002676
%RSD	39.57378	41.59355	.7090956	34.42347	36.90779	61.49576	.1071643

#1	.0000598	-.000115	137.3054	.0020616	-.001199	-.003763	2.495088
#2	.0000451	-.000281	137.3818	.0011378	-.000589	-.005538	2.495351
#3	.0000967	-.000207	135.6649	.0023624	-.000765	-.001239	2.499848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3183969	39.66601	.0023357	.0002034	219.3260	.0009878	.0068811
Stddev	.0035993	.25257	.0003582	.0002224	.6420	.0018252	.0013700
%RSD	1.130443	.6367437	15.33558	109.3605	.2927099	184.7744	19.90974

#1	.3194637	39.66769	.0021476	-.000016	218.9710	.0023371	.0070986
#2	.3213423	39.91774	.0027487	.000429	220.0671	.0017152	.0054153
#3	.3143848	39.41260	.0021107	.000198	218.9399	-.001089	.0081293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.715388	.0227567	2.461572	.0037909	36.17710	16.87648	-.008193
Stddev	.102201	.0038095	.012877	.0002239	.09376	.07577	.001113
%RSD	1.051950	16.74007	.5231078	5.906189	.2591787	.4489439	13.58703

#1	9.704358	.0198405	2.453913	.0037427	36.12846	16.90807	-.008653
#2	9.822656	.0270668	2.476439	.0035950	36.28519	16.93133	-.009002
#3	9.619149	.0213627	2.454365	.0040349	36.11765	16.79003	-.006923

Sample Name: K2147-01 Acquired: 04/03/2019 16:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003936	.0087574	.7796038
Stddev	.000691	.0012712	.0021071
%RSD	17.54561	14.51543	.2702807

#1	-.004609	.0076684	.7805336
#2	-.003968	.0101542	.7810862
#3	-.003229	.0084495	.7771918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.892	3638.145	56105.10	12080.80	4108.127
Stddev	5.693	9.926	137.44	78.43	6.171
%RSD	.2215135	.2728227	.2449652	.6492287	.1502189

#1	2564.983	3635.903	55997.85	12090.76	4112.404
#2	2568.561	3649.000	56057.41	11997.87	4110.924
#3	2576.133	3629.532	56260.03	12153.78	4101.052

Sample Name: K2147-02 Acquired: 04/03/2019 16:17:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054078	.0024220	.0054795	.0010304	.0004727	-.051036	.0535716
Stddev	.0017526	.0011358	.0001466	.0016079	.0018666	.006241	.0001679
%RSD	32.40807	46.89539	2.675766	156.0572	394.8419	12.22818	.3134235

#1	.0063019	.0022473	.0053936	.0004042	-.000349	-.050401	.0536648
#2	.0033885	.0036350	.0053960	-.000170	-.000842	-.045137	.0536723
#3	.0065330	.0013837	.0056488	.002857	.002609	-.057570	.0533778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002874	-.000225	137.6972	.0026427	-.000774	-.003311	2.515190
Stddev	.0001144	.000101	.5389	.0003588	.000486	.001743	.004290
%RSD	39.79118	44.76890	.3913996	13.57579	62.75406	52.64937	.1705444

#1	.0001562	-.000113	137.3525	.0026898	-.000627	-.002052	2.510816
#2	.0003402	-.000308	137.4209	.0029756	-.000379	-.002581	2.515364
#3	.0003658	-.000253	138.3183	.0022628	-.001316	-.005301	2.519389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3206789	39.95626	.0021948	.0004743	220.3620	.0034201	.0044840
Stddev	.0010500	.09452	.0005338	.0003729	.2722	.0028213	.0012124
%RSD	.3274310	.2365503	24.32023	78.62990	.1235235	82.49102	27.03774

#1	.3198498	39.92432	.0018393	.0005182	220.1095	.0060916	.0055189
#2	.3203273	39.88184	.0019365	.0008233	220.3261	.0036990	.0031501
#3	.3218596	40.06260	.0028086	.0000813	220.6504	.0004697	.0047831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.838718	.0245388	2.483584	.0036734	36.28104	17.04026	-.007245
Stddev	.015190	.0021680	.004138	.0004368	.11115	.01524	.001827
%RSD	.1543896	8.835010	.1665977	11.89071	.3063609	.0894561	25.22090

#1	9.851425	.0268765	2.480111	.0032217	36.30193	17.02266	-.005213
#2	9.842835	.0225944	2.488162	.0040935	36.38026	17.04912	-.007768
#3	9.821894	.0241453	2.482480	.0037050	36.16092	17.04901	-.008753

Sample Name: K2147-02 Acquired: 04/03/2019 16:17:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005116	.0097723	.7818302
Stddev	.001781	.0012011	.0020006
%RSD	34.81674	12.29093	.2558914

#1	-.007050	.0090175	.7840669
#2	-.003544	.0091420	.7802115
#3	-.004753	.0111573	.7812123

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.075	3636.575	56279.17	11993.94	4104.609
Stddev	3.038	7.037	88.18	2.49	.950
%RSD	.1181020	.1934928	.1566903	.0207569	.0231468

#1	2568.602	3631.185	56218.21	11992.22	4105.231
#2	2574.237	3644.536	56380.29	11996.79	4105.082
#3	2573.385	3634.004	56239.03	11992.80	4103.516

Sample Name: K2147-03 Acquired: 04/03/2019 16:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451437	.0540877	.0229794	.0094291	.1086405	1.923839	2.306157
Stddev	.0062570	.0022647	.0008148	.0022709	.0015526	.008387	.000344
%RSD	13.86019	4.187162	3.545779	24.08361	1.429084	.4359475	.0149027

#1	.0435325	.0563843	.0221901	.0112145	.1068567	1.929051	2.306553
#2	.0398499	.0540225	.0238175	.0068733	.1096870	1.914165	2.305989
#3	.0520487	.0518562	.0229307	.0101995	.1093778	1.928302	2.305931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523979	.0507022	135.7304	.2188681	.5286967	.2650247	3.559415
Stddev	.0003344	.0001665	1.1291	.0003029	.0021986	.0012073	.027984
%RSD	.6381018	.3282922	.8318666	.1384068	.4158608	.4555267	.7862020

#1	.0526372	.0508254	136.9427	.2188671	.5300881	.2650331	3.584993
#2	.0525408	.0505128	135.5397	.2185656	.5261619	.2638132	3.563727
#3	.0520159	.0507683	134.7088	.2191715	.5298400	.2662277	3.529525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8707627	39.49901	.5288585	.0538429	217.5597	.5462256	.5536057
Stddev	.0098459	.26296	.0020933	.0009646	.9902	.0016298	.0048275
%RSD	1.130721	.6657444	.3958074	1.791598	.4551506	.2983760	.8720204

#1	.8797725	39.78792	.5296463	.0527488	218.5973	.5453769	.5483630
#2	.8722627	39.43550	.5264856	.0545710	217.4570	.5481046	.5545868
#3	.8602529	39.27363	.5304435	.0542090	216.6248	.5451952	.5578674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.667413	.0182198	2.444506	.0034224	36.08590	16.76689	-.010880
Stddev	.092681	.0026328	.011051	.0006981	.09287	.05393	.002025
%RSD	.9586962	14.44999	.4520595	20.39767	.2573589	.3216167	18.60777

#1	9.772906	.0155426	2.451485	.0041056	36.16503	16.79527	-.008899
#2	9.630259	.0183111	2.450268	.0034513	35.98365	16.80071	-.012945
#3	9.599073	.0208058	2.431765	.0027103	36.10901	16.70471	-.010796

Sample Name: K2147-03 Acquired: 04/03/2019 16:21:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006722	.0084655	.7740851
Stddev	.000774	.0017594	.0015089
%RSD	11.50755	20.78348	.1949244

#1	-.006669	.0100673	.7752467
#2	-.007521	.0087470	.7746289
#3	-.005977	.0065823	.7723797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.403	3634.409	56174.34	12068.63	4093.254
Stddev	9.877	5.510	150.76	68.94	11.226
%RSD	.3848512	.1516195	.2683767	.5712127	.2742478

#1	2559.166	3636.942	56100.60	12006.24	4086.209
#2	2562.388	3638.198	56074.65	12057.03	4106.199
#3	2577.655	3628.088	56347.78	12142.64	4087.353

Sample Name: K2147-01LX5 Acquired: 04/03/2019 16:25:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011597	-.001435	-.000808	.0024945	.0007798	-.015537	.0061154
Stddev	.0010209	.000907	.001286	.0042778	.0018989	.006858	.0006143
%RSD	88.03536	63.17912	159.1201	171.4931	243.5121	44.13712	10.04510

#1	.0010755	-.001353	-.000802	.0010141	.0015582	-.007709	.0066688
#2	.0001834	-.000572	-.002096	.0073159	.0021659	-.018415	.0054544
#3	.0022201	-.002380	.000475	-.000847	-.001385	-.020487	.0062228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000322	-.000128	27.97911	.0005001	-.000683	.0003579	.5105415
Stddev	.0001250	.000092	.41385	.0002041	.000175	.0009881	.0108285
%RSD	387.7273	72.29894	1.479123	40.80367	25.53432	276.1037	2.120992

#1	-.000112	-.000021	28.43192	.0002682	-.000483	.0002223	.5196134
#2	.000108	-.000185	27.88496	.0006521	-.000805	.0014067	.5134576
#3	.000101	-.000176	27.62045	.0005799	-.000762	-.000555	.4985535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667421	8.135430	.0009274	-.000280	45.08887	-.000001	-.000517
Stddev	.0014157	.140628	.0005832	.000441	.66683	.002207	.002004
%RSD	2.121128	1.728588	62.88642	157.3166	1.478914	340508.7	387.4108

#1	.0682851	8.281150	.0012267	-.000753	45.83421	-.002098	-.000418
#2	.0664381	8.124623	.0002553	.000121	44.54885	.002302	.001436
#3	.0655031	8.000518	.0013001	-.000209	44.88355	-.000206	-.002569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.114167	.0065574	.5055093	.0008764	6.961598	3.422729	-.005589
Stddev	.121516	.0008802	.0075802	.0001830	.039988	.043016	.000951
%RSD	5.747722	13.42376	1.499514	20.87578	.5744076	1.256777	17.00905

#1	2.235802	.0060354	.5140642	.0007439	6.943886	3.472383	-.006657
#2	1.992770	.0075737	.4996291	.0010852	6.933525	3.399026	-.005273
#3	2.113929	.0060631	.5028345	.0008002	7.007383	3.396779	-.004836

Sample Name: K2147-01LX5 Acquired: 04/03/2019 16:25:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000810	.0113080	.1610985
Stddev	.000607	.0016789	.0024461
%RSD	74.90538	14.84734	1.518413

#1	-.001370	.0119805	.1639231
#2	-.000896	.0125464	.1596834
#3	-.000165	.0093970	.1596891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.012	3640.015	55414.17	11796.87	4218.995
Stddev	11.039	4.006	216.86	181.13	6.065
%RSD	.4330765	.1100551	.3913355	1.535427	.1437457

#1	2536.637	3643.014	55227.23	11588.08	4219.521
#2	2552.550	3635.465	55363.35	11911.97	4224.780
#3	2557.848	3641.565	55651.92	11890.57	4212.685

Sample Name: K2169-06 Acquired: 04/03/2019 16:29:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2951031	-.003395	.0059593	.0032656	-.001583	-.010780	.4988380
Stddev	.0032928	.002200	.0021771	.0012910	.000459	.010327	.0020114
%RSD	1.115830	64.80051	36.53310	39.53366	29.00009	95.80152	.4032090

#1	.2913148	-.002591	.0065317	.0017774	-.001355	-.008974	.4999982
#2	.2967157	-.001710	.0077932	.0040852	-.001283	-.021891	.5000002
#3	.2972789	-.005883	.0035532	.0039341	-.002111	-.001475	.4965154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002091	-.000198	48.53633	.0065811	.0009475	-.003146	1.917897
Stddev	.0000785	.000106	.19785	.0001758	.0003583	.000661	.001834
%RSD	37.52361	53.65159	.4076369	2.670631	37.81229	21.02678	.0956491

#1	.0002993	-.000112	48.36365	.0067243	.0012149	-.002636	1.918989
#2	.0001707	-.000317	48.49313	.0063849	.0010872	-.003893	1.915779
#3	.0001572	-.000165	48.75221	.0066340	.0005404	-.002908	1.918924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667031	60.19543	.0054390	-.000203	705.8677	.0136200	.0080447
Stddev	.0002855	.27596	.0006673	.000592	1.1230	.0016148	.0005410
%RSD	.4280888	.4584382	12.26911	292.1839	.1590914	11.85613	6.725488

#1	.0669833	60.14172	.0058664	.000459	706.6261	.0140004	.0080747
#2	.0664125	59.95028	.0057805	-.000385	706.3994	.0118489	.0074893
#3	.0667136	60.49430	.0046700	-.000683	704.5776	.0150105	.0085701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.750687	.6312896	.6207232	.0015830	4.337262	37.54909	-.005355
Stddev	.038511	.0056827	.0016677	.0004276	.011270	.06192	.000634
%RSD	.4400930	.9001781	.2686729	27.01137	.2598376	.1649153	11.83309

#1	8.712160	.6312302	.6225020	.0011029	4.331479	37.61397	-.004626
#2	8.789182	.6256368	.6191948	.0017232	4.330058	37.54268	-.005777
#3	8.750719	.6370018	.6204729	.0019229	4.350250	37.49062	-.005662

Sample Name: K2169-06 Acquired: 04/03/2019 16:29:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032139	-.000594	2.109650
Stddev	.0000363	.001387	.002448
%RSD	1.130180	233.5854	.1160319

#1	.0032370	-.002190	2.106897
#2	.0032325	.000101	2.110472
#3	.0031720	.000308	2.111581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.197	3588.248	55492.09	12014.51	3884.240
Stddev	5.527	9.149	157.85	9.05	3.287
%RSD	.2168211	.2549700	.2844624	.0753460	.0846155

#1	2553.635	3598.020	55371.76	12004.06	3883.536
#2	2543.006	3586.838	55670.83	12019.90	3887.822
#3	2550.950	3579.886	55433.70	12019.58	3881.363

Sample Name: K2169-07 Acquired: 04/03/2019 16:33:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3012734	.0004041	.0049500	.0019359	-.001587	-.019379	.5004068
Stddev	.0002920	.0007986	.0007340	.0028379	.001440	.004540	.0005303
%RSD	.0969146	197.6154	14.82756	146.5926	90.74009	23.42816	.1059777

#1	.3009428	.0005318	.0046000	.0037175	-.002904	-.020593	.5003548
#2	.3014961	.0011311	.0044566	-.001337	-.001809	-.014355	.5009612
#3	.3013811	-.000451	.0057935	.003427	-.000049	-.023188	.4999044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002008	-.000196	49.17659	.0065122	.0013679	-.002778	1.939460
Stddev	.0000375	.000027	.33768	.0003964	.0001563	.000340	.016443
%RSD	18.66286	13.66772	.6866607	6.086383	11.42871	12.22395	.8478045

#1	.0002196	-.000226	49.34284	.0069502	.0014484	-.002586	1.926062
#2	.0002252	-.000184	48.78802	.0061781	.0011878	-.003170	1.934510
#3	.0001576	-.000177	49.39891	.0064084	.0014676	-.002579	1.957810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678429	61.01736	.0052633	.0002637	710.7401	.0138872	.0085086
Stddev	.0006421	.41251	.0005018	.0005868	1.9095	.0019290	.0012167
%RSD	.9464874	.6760614	9.534337	222.5339	.2686685	13.89043	14.30017

#1	.0672454	61.15485	.0047213	-.000313	711.3711	.0158532	.0079198
#2	.0677614	60.55366	.0057117	.000245	708.5950	.0119974	.0099077
#3	.0685218	61.34357	.0053569	.000860	712.2543	.0138111	.0076982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.756256	.6385989	.6264803	.0008730	4.360064	38.06620	-.006871
Stddev	.029417	.0043010	.0036776	.0004029	.017322	.22319	.001624
%RSD	.3359569	.6735130	.5870207	46.15452	.3972948	.5863083	23.63819

#1	8.769287	.6422453	.6263560	.0012784	4.365025	38.10490	-.006586
#2	8.722574	.6338556	.6228665	.0004726	4.340802	37.82620	-.005409
#3	8.776907	.6396958	.6302185	.0008679	4.374364	38.26751	-.008620

Sample Name: K2169-07 Acquired: 04/03/2019 16:33:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029049	.0030680	2.125727
Stddev	.0007133	.0021017	.002898
%RSD	24.55649	68.50422	.1363299

#1	.0021991	.0008529	2.125977
#2	.0036255	.0033169	2.122712
#3	.0028903	.0050341	2.128492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.525	3587.147	55405.16	11942.85	3889.757
Stddev	23.782	12.921	161.94	70.69	12.338
%RSD	.9338896	.3602160	.2922903	.5919357	.3171882

#1	2572.300	3601.070	55589.35	11973.33	3899.147
#2	2541.841	3584.832	55341.04	11993.19	3894.341
#3	2525.433	3575.540	55285.10	11862.02	3875.783

Sample Name: K2169-08 Acquired: 04/03/2019 16:37:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3391855	.0554080	.0259561	.0137428	.1065654	1.999047	2.809369
Stddev	.0030653	.0005738	.0010927	.0034920	.0017638	.003334	.004464
%RSD	.9037287	1.035527	4.209674	25.40942	1.655105	.1667625	.1588975

#1	.3422298	.0548157	.0267201	.0177750	.1085845	2.002629	2.804431
#2	.3392272	.0554471	.0247045	.0117262	.1057869	1.996036	2.813119
#3	.3360995	.0559612	.0264437	.0117273	.1053249	1.998475	2.810557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523817	.0529567	48.63744	.2280227	.5546778	.2753936	3.083363
Stddev	.0002438	.0000962	.05071	.0005171	.0016926	.0036516	.015342
%RSD	.4654844	.1816332	.1042711	.2267883	.3051494	1.325956	.4975796

#1	.0522753	.0530568	48.69586	.2274255	.5566195	.2712200	3.072329
#2	.0526606	.0529482	48.60470	.2283209	.5539004	.2780002	3.076877
#3	.0522092	.0528650	48.61176	.2283215	.5535137	.2769604	3.100883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6336006	60.24077	.5528060	.0554063	705.0909	.5777943	.5654249
Stddev	.0026805	.13929	.0014079	.0003031	.6050	.0045921	.0051637
%RSD	.4230516	.2312162	.2546726	.5470888	.0857975	.7947726	.9132356

#1	.6348256	60.10604	.5532891	.0550945	704.7334	.5815974	.5710859
#2	.6305266	60.23209	.5539086	.0554246	704.7499	.5790929	.5642155
#3	.6354498	60.38420	.5512202	.0556999	705.7893	.5726927	.5609733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.731206	.6312517	.6174111	.0009311	4.358402	37.81059	-.005477
Stddev	.012742	.0044338	.0006554	.0008117	.005617	.10146	.000278
%RSD	.1459315	.7023844	.1061545	87.17485	.1288708	.2683281	5.071044

#1	8.736993	.6308964	.6171974	.0001601	4.362120	37.78494	-.005711
#2	8.716598	.6358525	.6168892	.0008551	4.351941	37.92240	-.005170
#3	8.740026	.6270063	.6181467	.0017782	4.361145	37.72441	-.005551

Sample Name: K2169-08 Acquired: 04/03/2019 16:37:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017966	.0036846	2.117200
Stddev	.0009623	.0004589	.003028
%RSD	53.56253	12.45345	.1430405

#1	.0006880	.0033814	2.113703
#2	.0022845	.0042125	2.118942
#3	.0024171	.0034599	2.118956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.516	3601.809	55882.05	12037.11	3889.217
Stddev	14.575	3.025	174.33	42.00	3.194
%RSD	.5687837	.0839842	.3119550	.3489586	.0821278

#1	2554.053	3600.840	55806.80	12027.58	3888.908
#2	2554.149	3605.199	55757.99	12000.70	3892.554
#3	2579.346	3599.387	56081.37	12083.07	3886.189

Sample Name: K2169-06LX5 Acquired: 04/03/2019 16:41:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591528	-.001246	-.000140	.0006756	.0004655	-.015639	.0970247
Stddev	.0076966	.001968	.001715	.0024837	.0015623	.002828	.0005977
%RSD	13.01136	157.8587	1226.680	367.6283	335.6489	18.08149	.6160824

#1	.0554224	-.002791	.001187	.0009085	.0017894	-.013605	.0966560
#2	.0540323	-.001917	-.002076	-.001916	-.001258	-.014444	.0977144
#3	.0680038	.000969	.000470	.003035	.000865	-.018868	.0967038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000114	10.04196	.0013505	.0004684	.0013541	.3875258
Stddev	.000096	.000052	.03848	.0001740	.0002355	.0021131	.0085655
%RSD	149.5173	45.52636	.3832308	12.88656	50.27147	156.0567	2.210298

#1	-.000168	-.000161	10.08557	.0013756	.0002026	-.000621	.3784918
#2	-.000045	-.000121	10.02755	.0011652	.0005516	.003582	.3955296
#3	.000021	-.000059	10.01276	.0015105	.0006509	.001101	.3885560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136876	12.27893	.0014381	.0002525	146.4445	.0018728	-.000213
Stddev	.0001653	.01074	.0002881	.0005073	.3557	.0028548	.003398
%RSD	1.207883	.0874445	20.03735	200.9385	.2428667	152.4333	1596.223

#1	.0135672	12.28271	.0016260	.0004206	146.8463	.0024875	.002114
#2	.0138761	12.28727	.0015819	-.000318	146.3173	-.001239	.001359
#3	.0136195	12.26682	.0011063	.000654	146.1700	.004370	-.004112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.175837	.1225279	.1215996	-.000112	.8175727	7.694266	-.004261
Stddev	.044641	.0013194	.0015340	.000372	.0054038	.064841	.000778
%RSD	2.051667	1.076847	1.261550	333.2083	.6609539	.8427150	18.27106

#1	2.124677	.1218132	.1230733	-.000362	.8180763	7.711883	-.004072
#2	2.195963	.1217200	.1217140	-.000289	.8227070	7.748477	-.003594
#3	2.206872	.1240505	.1200116	.000316	.8119347	7.622437	-.005116

Sample Name: K2169-06LX5 Acquired: 04/03/2019 16:41:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004216	.0312437	.4323045
Stddev	.0011747	.0033848	.0006150
%RSD	278.6329	10.83344	.1422572

#1	.0016066	.0328281	.4326699
#2	.0004007	.0335457	.4326491
#3	-.000743	.0273573	.4315945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.458	3624.819	55285.34	11787.30	4137.841
Stddev	6.374	3.619	172.06	76.55	1.372
%RSD	.2515901	.0998389	.3112175	.6494645	.0331666

#1	2535.533	3623.514	55165.82	11775.24	4138.282
#2	2526.305	3622.034	55207.65	11717.49	4136.302
#3	2538.536	3628.909	55482.54	11869.17	4138.938

Sample Name: K2146-01 Acquired: 04/03/2019 16:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732541	.0006177	-.000854	-.002960	-.000190	-.033095	.0874298
Stddev	.0032987	.0019446	.001325	.001455	.001670	.005480	.0006551
%RSD	4.503134	314.8297	155.2025	49.14188	876.9641	16.55780	.7493440

#1	.0731124	-.000797	.000425	-.004380	-.000895	-.035741	.0870710
#2	.0766214	-.000186	-.002221	-.001473	-.001392	-.036750	.0870323
#3	.0700285	.002835	-.000765	-.003027	.001716	-.026795	.0881859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001344	-.000164	83.06054	.0000590	-.000969	-.004917	3.253051
Stddev	.0000993	.000052	.18229	.0003545	.000251	.001767	.014595
%RSD	73.86828	31.90442	.2194720	601.0543	25.87432	35.94568	.4486637

#1	.0001147	-.000186	83.14951	.0004182	-.000703	-.003988	3.260326
#2	.0002421	-.000202	82.85084	-.000291	-.001005	-.003807	3.262579
#3	.0000465	-.000104	83.18127	.000049	-.001200	-.006955	3.236248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636593	23.21918	.0014210	.0000084	30.18849	.0007437	.0013688
Stddev	.0006346	.08961	.0000738	.0000812	.08057	.0040486	.0006245
%RSD	.9968285	.3859480	5.194368	964.2987	.2668870	544.3675	45.62743

#1	.0641451	23.12467	.0014568	-.000085	30.27102	.0052529	.0018324
#2	.0629413	23.30292	.0013361	.000058	30.18443	-.002580	.0016153
#3	.0638913	23.22996	.0014701	.000053	30.11003	-.000442	.0006586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.759218	.1833872	.3819502	.0001588	3.288368	19.04506	-.010682
Stddev	.093626	.0043472	.0008105	.0002324	.079521	.05490	.000701
%RSD	3.393191	2.370524	.2121972	146.3206	2.418242	.2882804	6.564360

#1	2.664744	.1793789	.3817999	.0000091	3.243824	19.08690	-.011453
#2	2.851971	.1827744	.3828253	.0004265	3.241102	18.98289	-.010083
#3	2.760939	.1880083	.3812254	.0000408	3.380177	19.06539	-.010510

Sample Name: K2146-01 Acquired: 04/03/2019 16:45:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004547	-.008070	.2366787
Stddev	.000195	.001453	.0005148
%RSD	4.281755	18.00982	.2175157

#1	-.004440	-.006483	.2361990
#2	-.004429	-.008390	.2372226
#3	-.004772	-.009337	.2366145

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.728	3701.094	57450.13	12260.93	4230.127
Stddev	11.448	82.799	77.71	40.12	95.531
%RSD	.4330265	2.237144	.1352585	.3272298	2.258357

#1	2630.996	3749.823	57401.26	12231.26	4288.495
#2	2647.015	3747.967	57539.74	12306.58	4282.006
#3	2653.174	3605.493	57409.40	12244.94	4119.881

Sample Name: K2146-02 Acquired: 04/03/2019 16:49:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113290	.0003429	.0006646	.0018324	-.000262	-.025621	.0236011
Stddev	.0035727	.0011930	.0008139	.0052280	.001134	.012188	.0002408
%RSD	31.53582	347.9170	122.4651	285.3128	433.0769	47.56887	1.020144

#1	.0072316	-.000940	-.000263	.0004860	-.000068	-.034761	.0233527
#2	.0129626	.000550	.001260	-.002591	-.001481	-.011784	.0238334
#3	.0137929	.001419	.000997	.007602	.000763	-.030318	.0236173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001436	-.000109	52.99670	.0000838	-.000264	-.004122	.4247464
Stddev	.0000730	.000059	.08365	.0003336	.000198	.001468	.0057728
%RSD	50.83767	53.61084	.1578440	398.1635	74.95209	35.60592	1.359111

#1	.0001034	-.000063	52.99490	.0003907	-.000042	-.004050	.4213281
#2	.0002278	-.000090	52.91396	.0001318	-.000330	-.005624	.4214997
#3	.0000995	-.000175	53.08123	-.000271	-.000422	-.002692	.4314115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645372	11.76408	.0022752	.0008858	6.236401	.0007430	.0000562
Stddev	.0010353	.07510	.0003425	.0003538	.076959	.0019419	.0017960
%RSD	1.604189	.6384212	15.05288	39.93565	1.234026	261.3611	3196.479

#1	.0640391	11.78176	.0026701	.0008158	6.324817	.0014132	.0021296
#2	.0638452	11.68171	.0020962	.0012693	6.184468	.0022610	-.001015
#3	.0657274	11.82876	.0020593	.0005723	6.199918	-.001445	-.000946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.679498	.0204967	.1323235	.0062028	4.048553	5.537606	-.010387
Stddev	.041392	.0008426	.0033032	.0003020	.013437	.033811	.000838
%RSD	2.464543	4.110801	2.496297	4.868587	.3318927	.6105651	8.066966

#1	1.676444	.0195562	.1299195	.0059228	4.038148	5.561890	-.011350
#2	1.722333	.0211828	.1360900	.0065228	4.063723	5.551938	-.009983
#3	1.639718	.0207510	.1309610	.0061627	4.043788	5.498990	-.009827

Sample Name: K2146-02 Acquired: 04/03/2019 16:49:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDK8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002692	-.014152	.0705624
Stddev	.000973	.000987	.0001719
%RSD	36.16203	6.975221	.2435926

#1	-.002615	-.014060	.0707607
#2	-.001759	-.015182	.0704556
#3	-.003702	-.013214	.0704709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.654	3755.815	57408.29	12218.17	4296.652
Stddev	20.499	3.452	357.75	24.23	10.071
%RSD	.7765978	.0919223	.6231671	.1983143	.2343827

#1	2657.737	3757.976	57652.36	12234.23	4307.602
#2	2643.840	3751.833	57574.88	12190.30	4287.788
#3	2617.384	3757.636	56997.63	12229.99	4294.564

Sample Name: K2146-03 Acquired: 04/03/2019 16:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDN8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064790	-.000199	.0005582	.0000283	-.000910	-.085964	.1720337
Stddev	.0035369	.002182	.0016724	.0048532	.001691	.010736	.0007380
%RSD	54.59080	1097.885	299.6171	17122.15	185.7207	12.48900	.4289960

#1	.0105609	.002214	.0010729	-.005106	.000730	-.084206	.1721264
#2	.0043214	-.000777	-.001311	.000650	-.000813	-.076215	.1712538
#3	.0045547	-.002033	.001913	.004541	-.002648	-.097470	.1727210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001707	-.000204	219.8452	-.000452	-.001125	-.002212	2.760715
Stddev	.0000498	.000028	.9289	.000312	.000178	.001718	.019247
%RSD	29.17764	13.64693	.4225350	68.99419	15.78876	77.67281	.6971673

#1	.0002175	-.000172	220.4150	-.000134	-.000968	-.002651	2.768005
#2	.0001184	-.000221	218.7733	-.000464	-.001318	-.003668	2.738889
#3	.0001763	-.000219	220.3473	-.000757	-.001090	-.000317	2.775253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2725889	70.73900	.0012031	-.000454	354.7773	.0006725	.0064713
Stddev	.0019367	.52701	.0004784	.000361	1.0554	.0020210	.0044761
%RSD	.7104871	.7450102	39.76451	79.48902	.2974789	300.5198	69.16834

#1	.2740525	70.94035	.0017546	-.000864	355.7768	.0025747	.0030233
#2	.2703928	70.14099	.0009554	-.000187	353.6737	.0008921	.0048608
#3	.2733214	71.13565	.0008994	-.000311	354.8814	-.001449	.0115298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29238	2.352169	.4487743	.0030548	80.84927	21.27457	.0286336
Stddev	.11673	.013968	.0033946	.0006276	.45384	.15392	.0022780
%RSD	.5236491	.5938439	.7564089	20.54459	.5613386	.7234750	7.955640

#1	22.31229	2.336861	.4500914	.0028026	80.32644	21.30128	.0308299
#2	22.16698	2.355423	.4449185	.0025925	81.14154	21.10905	.0262819
#3	22.39789	2.364223	.4513129	.0037693	81.07984	21.41338	.0287890

Sample Name: K2146-03 Acquired: 04/03/2019 16:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009656	.0113414	1.524053
Stddev	.002194	.0005888	.007892
%RSD	22.72494	5.191777	.5178465

#1	-.007475	.0111057	1.532520
#2	-.011863	.0109069	1.516900
#3	-.009630	.0120115	1.522739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.988	3593.302	56019.56	12116.70	3991.680
Stddev	8.421	27.180	287.91	88.90	30.264
%RSD	.3298371	.7564064	.5139432	.7336661	.7581793

#1	2562.563	3623.289	56256.10	12119.16	4026.074
#2	2546.732	3586.329	55698.98	12204.35	3979.836
#3	2549.670	3570.288	56103.61	12026.61	3969.129

Sample Name: K2146-04 Acquired: 04/03/2019 16:57:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDN9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029101	-.001716	.0015643	.0010869	.0008186	-.052923	.0197705
Stddev	.0030438	.001603	.0015447	.0025791	.0016695	.002943	.0007360
%RSD	104.5939	93.39330	98.74963	237.2856	203.9405	5.561015	3.722645

#1	.0046661	.000064	.0033316	.0013701	-.000466	-.050279	.0194688
#2	.0046687	-.003045	.0004718	-.001622	.002706	-.052397	.0206094
#3	-.000605	-.002167	.0008894	.003513	.000216	-.056094	.0192333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001884	-.000121	132.0093	.0016473	-.000707	-.001878	-.115914
Stddev	.0001258	.000035	.8551	.0010686	.000156	.001829	.007707
%RSD	66.76146	28.95467	.6477376	64.87173	22.08948	97.40671	6.649268

#1	.0003235	-.000156	131.8275	.0004640	-.000879	-.002701	-.122925
#2	.0001672	-.000120	132.9406	.0019358	-.000665	.000218	-.107661
#3	.0000746	-.000086	131.2597	.0025421	-.000576	-.003152	-.117157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039862	26.57842	.0030314	.0005642	25.73022	.0031561	-.000088
Stddev	.0001606	.16874	.0005504	.0006372	.06979	.0008709	.002613
%RSD	4.028504	.6348923	18.15614	112.9327	.2712556	27.59228	2966.608

#1	.0040378	26.53019	.0029916	.0012320	25.79451	.0029512	.002898
#2	.0041146	26.76602	.0025020	-.000037	25.65598	.0041112	-.001212
#3	.0038061	26.43903	.0036006	.000498	25.74016	.0024061	-.001950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.26934	.0175813	.3066732	.0825349	109.1582	18.60297	-.010907
Stddev	.09798	.0004105	.0046289	.0006317	.3334	.13999	.002315
%RSD	.6866195	2.334629	1.509379	.7653562	.3054239	.7525048	21.22469

#1	14.30148	.0173161	.3024986	.0830833	109.1875	18.66896	-.009872
#2	14.34721	.0180541	.3116512	.0826773	108.8112	18.69777	-.013559
#3	14.15933	.0173737	.3058698	.0818442	109.4760	18.44218	-.009290

Sample Name: K2146-04 Acquired: 04/03/2019 16:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDN9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007372	.0156387	.6244748
Stddev	.001357	.0005979	.0010694
%RSD	18.40916	3.823239	.1712419

#1	-.008018	.0158430	.6235650
#2	-.008287	.0161077	.6256527
#3	-.005813	.0149655	.6242067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.981	3698.784	56862.77	12214.93	4265.632
Stddev	9.462	14.921	309.98	74.06	8.690
%RSD	.3639277	.4033903	.5451332	.6063471	.2037306

#1	2610.887	3696.498	57212.47	12211.12	4261.622
#2	2593.950	3685.139	56621.83	12142.85	4259.670
#3	2595.108	3714.716	56754.01	12290.83	4275.603

Sample Name: K2146-05 Acquired: 04/03/2019 17:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103626	-.002197	.0002333	.0032132	-.002556	-.001153
Stddev	.0040337	.003088	.0018771	.0045128	.001247	.008377
%RSD	38.92568	140.5415	804.4933	140.4492	48.79649	726.6173

#1	.0150199	.001196	.0007608	.0039649	-.002656	.008518
#2	.0079793	-.004842	-.001851	.0073029	-.003749	-.006168
#3	.0080886	-.002945	.001790	-.001628	-.001261	-.005808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327072	.0002099	-.000185	22.79312	.0015530	.0028247
Stddev	.0005975	.0000607	.000072	.06378	.0003729	.0003691
%RSD	1.826899	28.92491	38.70706	.2798221	24.00911	13.06709

#1	.0333971	.0001407	-.000183	22.74939	.0018655	.0031030
#2	.0323531	.0002540	-.000257	22.86631	.0011403	.0024060
#3	.0323715	.0002350	-.000114	22.76368	.0016533	.0029650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002584	1.831831	.2234788	18.23230	.0265841	.0002855
Stddev	.001342	.016824	.0007124	.00473	.0002975	.0005175
%RSD	51.91112	.9184528	.3187605	.0259568	1.119039	181.3067

#1	-.004098	1.825462	.2235998	18.23202	.0265011	-.000302
#2	-.002112	1.850910	.2227137	18.23717	.0269143	.000485
#3	-.001543	1.819121	.2241229	18.22771	.0263370	.000674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1349.846	.0060676	.0333263	6.816809	.1018777	.5545291
Stddev	3.917	.0016010	.0028429	.094602	.0044520	.0027165
%RSD	.2902166	26.38618	8.530478	1.387769	4.369972	.4898657

#1	1348.932	.0048607	.0310507	6.822262	.0967876	.5567416
#2	1354.140	.0078839	.0324151	6.908567	.1037992	.5553482
#3	1346.467	.0054583	.0365131	6.719600	.1050462	.5514973

Sample Name: K2146-05 Acquired: 04/03/2019 17:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153633	129.3684	15.97131	-.002723	.0009904	-.004023
Stddev	.0019241	2.2895	.07059	.000786	.0004019	.002856
%RSD	1.667819	1.769730	.4419911	28.86709	40.58309	70.99302

#1	.1131499	126.7304	16.01131	-.003625	.0009958	-.006182
#2	.1166364	130.5375	16.01281	-.002360	.0013896	-.005102
#3	.1163036	130.8372	15.88980	-.002183	.0005858	-.000785

Elem	Sr4077
Units	ppm
Avg	.8236738
Stddev	.0033450
%RSD	.4061081

#1	.8239385
#2	.8268786
#3	.8202043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.061	3527.497	54067.87	11907.36	3702.698
Stddev	11.591	47.946	39.15	38.45	51.935
%RSD	.4636296	1.359219	.0724139	.3229170	1.402629

#1	2509.869	3582.333	54096.79	11883.78	3762.263
#2	2503.045	3506.678	54083.49	11886.57	3678.939
#3	2487.270	3493.478	54023.31	11951.73	3666.892

Sample Name: K2046-03DL2X4 Acquired: 04/03/2019 17:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073412	.0176810	1.157710	-.031496	.0112549	33.57194	.3944950
Stddev	.0026931	.0037592	.003062	.003016	.0019539	.12471	.0018230
%RSD	36.68530	21.26100	.2644766	9.577061	17.36039	.3714665	.4621001

#1	.0069025	.0151714	1.154174	-.033292	.0117272	33.45430	.3928807
#2	.0048943	.0220030	1.159485	-.028014	.0091081	33.55883	.3941322
#3	.0102268	.0158686	1.159470	-.033184	.0129293	33.70268	.3964721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028969	.0098824	415.2190	.4255933	.0407529	1.146314	274.7360
Stddev	.0001667	.0000511	2.0238	.0008690	.0005146	.004061	1.1431
%RSD	5.753718	.5166188	.4874076	.2041833	1.262644	.3542505	.4160865

#1	.0028088	.0098500	413.5050	.4247836	.0407087	1.141958	274.1402
#2	.0027928	.0098560	414.7004	.4265114	.0402619	1.149996	274.0138
#3	.0030891	.0099413	417.4517	.4254850	.0412882	1.146988	276.0540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.665845	18.19981	.3181912	-.014158	2.249004	.2207669	4.679412
Stddev	.007712	.12151	.0021728	.000241	.332634	.0042940	.010630
%RSD	.2892780	.6676627	.6828600	1.700607	14.79028	1.945045	.2271576

#1	2.664315	18.11148	.3176011	-.014436	2.602253	.2236529	4.674717
#2	2.659013	18.14956	.3163744	-.014020	2.202981	.2228156	4.671939
#3	2.674207	18.33839	.3205981	-.014019	1.941778	.2158323	4.691581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.239952	1.120530	-.505244	.0370506	4.026540	10.97824	.0635009
Stddev	.004025	.004838	.008011	.0007991	.005543	.03522	.0024466
%RSD	.1796956	.4317610	1.585583	2.156670	.1376656	.3207791	3.852934

#1	2.243523	1.115250	-.514481	.0361306	4.026030	10.99693	.0619042
#2	2.240742	1.121589	-.500198	.0375704	4.021270	10.93762	.0663177
#3	2.235590	1.124751	-.501053	.0374509	4.032321	11.00018	.0622809

Sample Name: K2046-03DL2X4 Acquired: 04/03/2019 17:05:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.370186	.0688877	1.203794
Stddev	.009746	.0036101	.003868
%RSD	.2891687	5.240494	.3212896

#1	3.360060	.0729956	1.202185
#2	3.370999	.0674470	1.200991
#3	3.379500	.0662205	1.208207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.756	3465.367	53884.61	11686.84	3835.172
Stddev	6.682	12.727	82.63	58.72	15.917
%RSD	.2751373	.3672651	.1533501	.5024294	.4150328

#1	2427.129	3463.869	53974.43	11694.01	3844.930
#2	2436.101	3478.777	53867.58	11741.65	3843.782
#3	2423.037	3453.456	53811.83	11624.88	3816.804

Sample Name: CCV065 Acquired: 04/03/2019 17:09:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.948628	5.019740	24.65742	4.842286	4.836444	422.4443
Stddev	.010032	.024719	.13753	.011612	.010941	2.7509
%RSD	.2027325	.4924393	.5577519	.2398139	.2262178	.6511870

#1	4.938997	4.992576	24.49908	4.829686	4.824343	424.5602
#2	4.947869	5.025732	24.72602	4.844611	4.845636	419.3346
#3	4.959019	5.040913	24.74715	4.852559	4.839355	423.4381

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52732	.4983378	2.490582	431.7754	15.03353	2.518380
Stddev	.02143	.0003862	.013910	1.4558	.15780	.013879
%RSD	.2035273	.0774902	.5584981	.3371738	1.049687	.5511012

#1	10.55098	.4987836	2.474745	432.8793	15.07231	2.502659
#2	10.50923	.4981178	2.496181	432.3214	14.85995	2.523545
#3	10.52174	.4981118	2.500819	430.1255	15.16832	2.528936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97425	427.2780	15.45288	418.7924	2.463782	1.260458
Stddev	.00418	1.4689	.06814	1.4905	.015537	.012828
%RSD	.0261617	.3437841	.4409528	.3558928	.6306329	1.017722

#1	15.97616	428.6459	15.51012	419.9469	2.446277	1.267900
#2	15.96946	427.4625	15.47101	419.3204	2.469131	1.245646
#3	15.97714	425.7255	15.37751	417.1098	2.475938	1.267829

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.8093	2.491225	15.35890	157.2335	5.267588	F 4.227111
Stddev	1.0950	.006912	.12729	.0507	.024630	.019051
%RSD	.2652448	.2774560	.8287876	.0322170	.4675833	.4506960

#1	413.5719	2.494186	15.43886	157.2193	5.243066	4.242086
#2	413.3013	2.496164	15.21211	157.2898	5.292326	4.233581
#3	411.5546	2.483326	15.42572	157.1915	5.267371	4.205668

Sample Name: CCV065 Acquired: 04/03/2019 17:09:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.463410	5.292379	5.065608	4.915636	5.317311	5.133403
Stddev	.011401	.017836	.014966	.027571	.008526	.000918
%RSD	.2554292	.3370196	.2954487	.5608737	.1603525	.0178816

#1	4.450714	5.271816	5.082854	4.886865	5.323851	5.133636
#2	4.466744	5.301662	5.057939	4.918218	5.320413	5.132390
#3	4.472773	5.303659	5.056030	4.941825	5.307667	5.134181

Elem	Sr4077
Units	ppm
Avg	5.302324
Stddev	.038559
%RSD	.7272053

#1	5.342044
#2	5.299887
#3	5.265042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.092	3153.405	51703.88	11253.27	3365.409
Stddev	20.464	5.588	619.34	43.05	16.510
%RSD	.9094658	.1772087	1.197866	.3825152	.4905902

#1	2235.391	3159.446	51309.98	11207.09	3383.398
#2	2273.464	3152.348	52417.76	11260.44	3361.884
#3	2241.422	3148.420	51383.90	11292.29	3350.947

Sample Name: CCB065 Acquired: 04/03/2019 17:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000710	-.001103	-.002479	.0033562	-.000760	-.009872	-.005807
Stddev	.001004	.001336	.001537	.0021308	.001120	.004520	.000168
%RSD	141.3760	121.1465	61.98393	63.48837	147.4744	45.78553	2.886886

#1	.000352	.000175	-.003601	.0022854	-.000936	-.013929	-.006001
#2	-.001644	-.002490	-.000728	.0058100	.000438	-.005000	-.005711
#3	-.000840	-.000993	-.003109	.0019732	-.001782	-.010687	-.005711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	-.000102	.0151169	.0001093	.0002648	.0030028	.0147553
Stddev	.000073	.000043	.0078821	.0006439	.0003213	.0032767	.0081468
%RSD	104.9562	42.08866	52.14118	589.2493	121.3107	109.1215	55.21256

#1	-.000148	-.000146	.0142755	.0008169	.0001334	.0050927	.0148811
#2	-.000056	-.000099	.0076892	-.000047	.0000302	.0046893	.0065463
#3	-.000004	-.000060	.0233859	-.000442	.0006310	-.000774	.0228384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004311	-.028279	.0003500	.0005715	.2211335	-.000733	.0002649
Stddev	.0002458	.026985	.0005397	.0004299	.2105450	.002455	.0015605
%RSD	57.01030	95.42446	154.1907	75.22734	95.21172	335.1601	589.1756

#1	.0002373	-.059438	-.000226	.0004277	.3842665	-.003108	-.000389
#2	.0003485	-.012651	.000431	.0002318	-.016542	.001796	.002046
#3	.0007075	-.012747	.000845	.0010548	.295675	-.000886	-.000863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3740328	-.000303	.0071127	.0005350	.0030807	-.004992	-.001069
Stddev	.0340877	.001441	.0019286	.0001568	.0067259	.000696	.000531
%RSD	9.113550	475.5889	27.11509	29.30223	218.3253	13.93351	49.66920

#1	.3513496	-.001040	.0078704	.0006237	-.003368	-.004198	-.000533
#2	.4132325	.001358	.0085474	.0003540	.002556	-.005287	-.001595
#3	.3575163	-.001226	.0049203	.0006273	.010053	-.005492	-.001079

Sample Name: CCB065 Acquired: 04/03/2019 17:13:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000147	.0133493	-.000032
Stddev	.0008021	.0023956	.000054
%RSD	5456.007	17.94570	168.6184

#1	.0007589	.0158247	.000008
#2	.0001200	.0131809	-.000094
#3	-.000835	.0110423	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2513.953	3629.658	54482.85	11643.48	4141.200
Stddev	5.498	4.989	238.31	58.10	5.674
%RSD	.2186913	.1374494	.4374121	.4989682	.1370038

#1	2510.577	3626.836	54320.62	11597.29	4140.031
#2	2520.297	3626.720	54756.47	11708.71	4136.202
#3	2510.985	3635.419	54371.48	11624.44	4147.367

Sample Name: K2146-06 Acquired: 04/03/2019 17:18:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029163	-.001277	.0014500	.0014688	-.002018	-.044051	.0892101
Stddev	.0019293	.000310	.0021046	.0024557	.000996	.007562	.0009036
%RSD	66.15514	24.24807	145.1422	167.1913	49.34378	17.16717	1.012905

#1	.0013997	-.001583	-.000476	.0038885	-.002310	-.050689	.0894134
#2	.0022614	-.001282	.001129	-.001021	-.002835	-.045644	.0882221
#3	.0050877	-.000964	.003696	.001539	-.000909	-.035819	.0899947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001293	-.000165	112.4976	.0002118	-.001173	-.002228	2.962144
Stddev	.0000827	.000146	.0259	.0001620	.000157	.002843	.013931
%RSD	64.00020	88.49616	.0230609	76.44713	13.34550	127.6110	.4702929

#1	.0001433	-.000274	112.5032	.0000249	-.001000	-.005429	2.961647
#2	.0002040	-.000222	112.4693	.0003078	-.001215	.000000	2.948468
#3	.0000404	.000001	112.5203	.0003029	-.001305	-.001254	2.976317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1875673	27.64339	.0008222	.0001254	12.43440	.0017357	.0081275
Stddev	.0010609	.02471	.0001331	.0003638	.19190	.0004443	.0009005
%RSD	.5656127	.0894059	16.18801	290.2027	1.543326	25.59899	11.07968

#1	.1881014	27.64045	.0009072	.0001315	12.54921	.0020793	.0076195
#2	.1863455	27.62027	.0008906	.0004860	12.21286	.0012339	.0075958
#3	.1882550	27.66944	.0006688	-.000241	12.54114	.0018938	.0091673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.811838	.4742667	.3131793	.0020721	23.00927	17.44791	-.009855
Stddev	.039362	.0039094	.0055435	.0003485	.03571	.10838	.000478
%RSD	.8180324	.8243082	1.770058	16.81756	.1552170	.6211890	4.854332

#1	4.853345	.4700683	.3115327	.0024726	22.98825	17.52261	-.009658
#2	4.775044	.4749293	.3086457	.0018379	23.05050	17.32360	-.010401
#3	4.807125	.4778025	.3193595	.0019059	22.98905	17.49753	-.009507

Sample Name: K2146-06 Acquired: 04/03/2019 17:18:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDP1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005282	.0080719	.3365075
Stddev	.001348	.0017613	.0003760
%RSD	25.52442	21.81981	.1117210

#1	-.006580	.0074083	.3364884
#2	-.003888	.0067389	.3361415
#3	-.005378	.0100687	.3368927

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.369	3699.742	56421.53	12116.30	4215.711
Stddev	12.969	10.060	143.43	80.26	5.041
%RSD	.5020107	.2719054	.2542040	.6624250	.1195749

#1	2597.846	3707.689	56564.83	12085.62	4220.177
#2	2579.448	3703.106	56277.98	12207.37	4216.711
#3	2572.813	3688.432	56421.78	12055.90	4210.245

Sample Name: K2146-07 Acquired: 04/03/2019 17:22:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065026	.0009971	.0040917	-.003326	.0012020	-.040945	.0421929
Stddev	.0014677	.0029727	.0019057	.002042	.0013339	.004156	.0006872
%RSD	22.57124	298.1357	46.57559	61.39667	110.9780	10.14949	1.628736

#1	.0062554	.0043106	.0057843	-.005392	.0012203	-.039127	.0426306
#2	.0051742	.0001167	.0044631	-.001309	.0025266	-.038007	.0425473
#3	.0080782	-.001436	.0020276	-.003276	-.000141	-.045700	.0414009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003826	-.000083	94.69448	-.001547	-.000313	-.005224	22.85705
Stddev	.0001386	.000106	.15974	.000140	.000375	.000354	.04233
%RSD	36.22884	127.5097	.1686942	9.023794	119.7922	6.768165	.1852057

#1	.0003012	-.000091	94.83954	-.001676	-.000008	-.005632	22.90592
#2	.0005427	-.000186	94.52327	-.001567	-.000732	-.005039	22.83350
#3	.0003040	.000027	94.72061	-.001399	-.000200	-.005002	22.83172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3084989	37.70634	.0013007	-.000885	705.5843	.0070533	.0003117
Stddev	.0007379	.12083	.0003590	.000486	.4012	.0002850	.0015821
%RSD	.2391836	.3204592	27.60303	54.94177	.0568620	4.040629	507.5280

#1	.3084130	37.72125	.0017043	-.001208	705.9800	.0073060	-.000878
#2	.3078077	37.57875	.0011811	-.000326	705.1778	.0071097	-.000294
#3	.3092759	37.81903	.0010167	-.001121	705.5953	.0067444	.002107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70244	.1477185	1.284255	.0004221	1.908995	34.68233	-.006310
Stddev	.06035	.0038301	.002778	.0008401	.006030	.16557	.000974
%RSD	.5156976	2.592861	.2163043	199.0377	.3158637	.4774041	15.44016

#1	11.64332	.1521134	1.281586	-.000133	1.912997	34.51047	-.006079
#2	11.70005	.1459496	1.284050	.001389	1.911928	34.69573	-.005472
#3	11.76395	.1450924	1.287131	.000011	1.902060	34.84080	-.007379

Sample Name: K2146-07 Acquired: 04/03/2019 17:22:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDP8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004067	.0210305	.9560359
Stddev	.001956	.0004526	.0014305
%RSD	48.09203	2.152241	.1496276

#1	-.006314	.0215396	.9563531
#2	-.002745	.0206736	.9544733
#3	-.003142	.0208782	.9572810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.553	3579.286	55794.28	12068.16	3875.898
Stddev	19.032	4.444	139.38	48.96	7.826
%RSD	.7441623	.1241652	.2498024	.4056710	.2019069

#1	2539.033	3580.159	55655.03	12089.38	3879.086
#2	2577.059	3574.470	55933.79	12102.94	3866.981
#3	2556.567	3583.229	55794.03	12012.18	3881.626

Sample Name: K2146-08 Acquired: 04/03/2019 17:26:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056476	-.000755	.0024245	-.001717	-.001120	-.027579	.1281518
Stddev	.0016267	.000448	.0009854	.003865	.001595	.002342	.0036337
%RSD	28.80274	59.33424	40.64570	225.1234	142.4763	8.490247	2.835470

#1	.0037796	-.001185	.0030428	.001381	.000041	-.029375	.1323238
#2	.0064111	-.000292	.0012881	-.000483	-.002939	-.028431	.1264521
#3	.0067520	-.000787	.0029426	-.006048	-.000462	-.024931	.1256794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000472	-.000106	79.78135	-.000137	-.001074	-.002922	2.330885
Stddev	.0001133	.000078	1.77358	.000279	.000090	.000768	.060674
%RSD	240.1142	73.25598	2.223045	203.0002	8.392585	26.27215	2.603037

#1	-.000013	-.000037	81.81809	-.000362	-.001017	-.003554	2.400190
#2	.000178	-.000091	78.57768	-.000225	-.001026	-.002068	2.287350
#3	-.000023	-.000191	78.94828	.000175	-.001178	-.003144	2.305114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367746	23.39662	.0009763	.0006747	18.03059	.0009426	.0013680
Stddev	.0008699	.46084	.0007625	.0004015	.25630	.0044370	.0004387
%RSD	2.365519	1.969705	78.10404	59.50644	1.421456	470.6955	32.06668

#1	.0375329	23.90456	.0010050	.0011358	18.32547	-.004152	.0008812
#2	.0369659	23.00525	.0001998	.0004865	17.86141	.003018	.0017326
#3	.0358250	23.28006	.0017240	.0004020	17.90488	.003961	.0014903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.230702	.1147159	.4027427	.0061109	12.87568	33.54630	-.010472
Stddev	.059209	.0029401	.0082495	.0003701	.03854	.54754	.000733
%RSD	4.810973	2.562895	2.048340	6.056553	.2992870	1.632187	6.996296

#1	1.281631	.1113274	.4122645	.0062106	12.84428	34.17851	-.011295
#2	1.165736	.1162300	.3982194	.0064209	12.91868	33.22489	-.010232
#3	1.244739	.1165903	.3977442	.0057012	12.86406	33.23550	-.009890

Sample Name: K2146-08 Acquired: 04/03/2019 17:26:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003407	-.010924	1.131909
Stddev	.001797	.000940	.027977
%RSD	52.74723	8.605531	2.471693

#1	-.003768	-.010404	1.164213
#2	-.001457	-.010359	1.115444
#3	-.004996	-.012009	1.116071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.408	3694.612	56362.75	12029.46	4243.482
Stddev	12.892	15.688	148.71	212.36	11.420
%RSD	.4969086	.4246165	.2638401	1.765294	.2691185

#1	2603.113	3712.618	56449.46	11792.20	4256.606
#2	2600.513	3683.895	56447.76	12201.72	4238.031
#3	2579.598	3687.322	56191.04	12094.46	4235.809

Sample Name: K2146-09 Acquired: 04/03/2019 17:30:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422618	-.000119	.0010933	-.001892	-.000210	-.038467	.0526665
Stddev	.0014148	.001335	.0009948	.001289	.000661	.005638	.0009482
%RSD	3.347618	1119.929	90.98938	68.13550	314.6728	14.65620	1.800431

#1	.0423519	-.001655	.0016848	-.000420	-.000974	-.035113	.0515809
#2	.0436294	.000766	.0016503	-.002437	.000176	-.035313	.0530858
#3	.0408042	.000531	-.000055	-.002820	.000167	-.044976	.0533327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001494	-.000162	90.08223	-.000506	-.001157	-.004509	2.950645
Stddev	.0000859	.000069	.21259	.000176	.000326	.001192	.014040
%RSD	57.47121	42.81505	.2359943	34.88733	28.20598	26.44110	.4758354

#1	.0001671	-.000241	89.84369	-.000667	-.001483	-.004388	2.934885
#2	.0002251	-.000114	90.25168	-.000317	-.001158	-.005757	2.955234
#3	.0000561	-.000130	90.15133	-.000533	-.000830	-.003382	2.961817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3578144	18.82417	.0009859	-.000060	9.514787	.0002647	.0000340
Stddev	.0010694	.09720	.0005205	.000119	.113303	.0030436	.0021607
%RSD	.2988819	.5163832	52.79465	197.2088	1.190809	1150.046	6358.138

#1	.3584720	18.73005	.0003859	-.000073	9.632470	.0025376	-.002227
#2	.3583907	18.92419	.0013158	.000064	9.505450	-.003193	.002078
#3	.3565804	18.81827	.0012562	-.000172	9.406442	.001450	.000251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.433408	.3504467	.1107288	.0052591	6.719770	14.05072	-.011029
Stddev	.098675	.0006808	.0001620	.0002461	.003257	.07199	.001240
%RSD	2.873969	.1942732	.1463040	4.679332	.0484723	.5123557	11.24690

#1	3.518263	.3498452	.1109039	.0049836	6.716322	13.97132	-.010429
#2	3.325129	.3503091	.1105843	.0053365	6.720194	14.11173	-.010202
#3	3.456833	.3511858	.1106982	.0054572	6.722795	14.06912	-.012455

Sample Name: K2146-09 Acquired: 04/03/2019 17:30:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004418	-.009898	.2399400
Stddev	.001735	.000246	.0003463
%RSD	39.27789	2.485751	.1443208

#1	-.006166	-.010027	.2395615
#2	-.004394	-.009614	.2402409
#3	-.002696	-.010051	.2400175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.811	3688.600	56275.09	12070.28	4244.619
Stddev	15.469	7.510	279.93	41.61	4.483
%RSD	.5998338	.2036086	.4974333	.3446896	.1056248

#1	2560.991	3691.166	55952.50	12114.64	4243.363
#2	2588.780	3694.491	56454.06	12064.09	4249.597
#3	2586.661	3680.143	56418.71	12032.12	4240.898

Sample Name: K2146-10 Acquired: 04/03/2019 17:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143577	-.000469	.0008270	-.000269	.0011955	-.089479	.3641952
Stddev	.007905	.002824	.0005183	.001275	.0012154	.001850	.0028222
%RSD	.6912833	602.6178	62.67023	474.4302	101.6641	2.067141	.7749060

#1	1.150190	-.003439	.0010050	-.000790	.0024192	-.090148	.3656381
#2	1.145720	.002183	.0012328	.001185	.0011785	-.087388	.3660042
#3	1.134822	-.000150	.0002432	-.001201	-.000011	-.090901	.3609433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001556	-.000202	201.2329	.0004957	-.001534	-.004452	2.655902
Stddev	.0000619	.000073	1.0111	.0003352	.000307	.002227	.006186
%RSD	39.78279	35.97627	.5024278	67.62236	20.01221	50.02336	.2329025

#1	.0001594	-.000259	201.2622	.0002938	-.001888	-.002641	2.657478
#2	.0002155	-.000228	202.2290	.0008826	-.001385	-.006938	2.649081
#3	.0000919	-.000120	200.2076	.0003106	-.001331	-.003777	2.661147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837126	44.50133	.0004251	.0001734	127.9987	.0013332	.0001424
Stddev	.0004349	.19141	.0001634	.0001233	.9842	.0011746	.0019962
%RSD	.5194936	.4301171	38.45404	71.11040	.7689150	88.09996	1401.873

#1	.0833421	44.48892	.0002371	.0002952	127.7612	-.000022	.0014422
#2	.0836043	44.69863	.0005338	.0000486	129.0800	.001956	.0011411
#3	.0841914	44.31642	.0005043	.0001765	127.1550	.002066	-.002156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.159881	.1521176	.3598134	.0018176	123.0374	30.16638	-.010176
Stddev	.047505	.0016909	.0055225	.0007989	.3078	.46184	.001131
%RSD	1.141972	1.111572	1.534827	43.95283	.2501357	1.530990	11.11704

#1	4.176390	.1536029	.3568040	.0017918	122.6963	29.87999	-.009434
#2	4.196929	.1524724	.3661870	.0026290	123.1218	30.69917	-.011478
#3	4.106324	.1502775	.3564493	.0010319	123.2942	29.91997	-.009615

Sample Name: K2146-10 Acquired: 04/03/2019 17:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008564	.0044221	1.468930
Stddev	.002084	.0019094	.008211
%RSD	24.33273	43.17993	.5589448

#1	-.009562	.0054078	1.473951
#2	-.009961	.0022212	1.473385
#3	-.006169	.0056372	1.459455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.196	3609.780	55866.45	11983.02	4101.277
Stddev	25.763	8.135	520.57	75.64	1.662
%RSD	1.010621	.2253529	.9318128	.6312396	.0405166

#1	2522.516	3600.393	55392.75	12024.35	4103.089
#2	2573.932	3614.776	56423.77	11895.72	4099.823
#3	2551.141	3614.170	55782.83	12028.99	4100.919

Sample Name: K2146-11 Acquired: 04/03/2019 17:40:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037711	-.002970	.0004962	.0058275	-.000452	-.024339	.0224653
Stddev	.0014156	.000841	.0010653	.0052454	.001137	.006465	.0009719
%RSD	37.53689	28.31203	214.6892	90.01135	251.5751	26.56337	4.326344

#1	.0052297	-.003886	.0017262	.0097361	-.000318	-.016981	.0223210
#2	.0036808	-.002790	-.000117	-.000134	-.001650	-.026924	.0215736
#3	.0024029	-.002234	-.000121	.007880	.000612	-.029111	.0235013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001674	.0000723	88.31460	.0003988	-.001423	-.003108	-.085977
Stddev	.0000730	.0001049	.36433	.0001978	.000306	.000479	.009322
%RSD	43.63389	145.1680	.4125364	49.61166	21.53077	15.42930	10.84251

#1	.0002427	.0001323	87.92456	.0004101	-.001529	-.003612	-.075245
#2	.0000969	.0001333	88.64613	.0001955	-.001078	-.003054	-.092066
#3	.0001625	-.000049	88.37310	.0005907	-.001662	-.002657	-.090619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869519	15.15338	.0012708	.0006196	5.214184	.0001340	.0044396
Stddev	.0005925	.03599	.0000407	.0003735	.364100	.0018796	.0023280
%RSD	.6813483	.2375298	3.200762	60.28580	6.982881	1403.179	52.43869

#1	.0862733	15.11219	.0013091	.0002480	5.634572	.0021980	.0052892
#2	.0872164	15.17874	.0012281	.0006158	5.008926	-.000317	.0062235
#3	.0873660	15.16922	.0012752	.0009950	4.999054	-.001479	.0018060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.492243	.0197013	.0796018	.0109714	22.51372	8.462760	-.011040
Stddev	.012728	.0030271	.0026668	.0001917	.02226	.014095	.000826
%RSD	.5107160	15.36516	3.350201	1.746930	.0988782	.1665499	7.484673

#1	2.484544	.0194764	.0806278	.0108760	22.50914	8.478786	-.010086
#2	2.485251	.0167929	.0816032	.0111921	22.53791	8.452288	-.011527
#3	2.506935	.0228346	.0765743	.0108462	22.49410	8.457207	-.011506

Sample Name: K2146-11 Acquired: 04/03/2019 17:40:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005844	-.012334	.1869610
Stddev	.000713	.002265	.0002790
%RSD	12.20123	18.36634	.1492544

#1	-.005138	-.009754	.1869158
#2	-.005831	-.013999	.1872600
#3	-.006563	-.013248	.1867074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.036	3700.570	56932.48	12120.17	4271.096
Stddev	6.990	6.146	90.03	9.23	4.537
%RSD	.2673928	.1660930	.1581414	.0761684	.1062333

#1	2618.492	3707.128	56831.16	12120.14	4276.253
#2	2617.637	3699.640	56962.96	12110.95	4267.718
#3	2605.980	3694.941	57003.32	12129.41	4269.317

Sample Name: K2146-12 Acquired: 04/03/2019 17:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044619	.0003600	-.001558	.0007959	-.001703	-.038817	.0224934
Stddev	.0039485	.0006116	.001675	.0041208	.000709	.003724	.0003842
%RSD	88.49283	169.9013	107.5181	517.7702	41.61835	9.593658	1.707855

#1	.0057485	-.000164	-.002329	.0026724	-.001271	-.036334	.0220777
#2	.0076066	.001032	-.002708	.0036444	-.002521	-.037017	.0225674
#3	.0000306	.000212	.000364	-.003929	-.001316	-.043099	.0228353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001241	.0000609	90.38157	.0004757	-.001014	-.002013	-.085100
Stddev	.0000458	.0000218	.33634	.0004517	.000252	.001079	.006050
%RSD	36.87071	35.82224	.3721380	94.94210	24.83684	53.57840	7.109867

#1	.0001715	.0000549	90.25406	.0008279	-.000771	-.003041	-.078345
#2	.0001207	.0000851	90.12762	-.000034	-.001274	-.000890	-.086933
#3	.0000801	.0000427	90.76302	.000633	-.000996	-.002108	-.090022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881973	15.43361	.0013337	.0005092	5.505103	.0011251	.0026542
Stddev	.0006539	.10665	.0004063	.0004032	.053723	.0005238	.0011988
%RSD	.7414435	.6910404	30.46463	79.17059	.9758843	46.55988	45.16835

#1	.0874758	15.34732	.0017809	.0009545	5.554055	.0015160	.0015992
#2	.0883650	15.40065	.0009872	.0001690	5.513627	.0005299	.0024055
#3	.0887510	15.55285	.0012330	.0004042	5.447627	.0013294	.0039578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533804	.0213720	.0769251	.0119572	22.77892	8.569582	-.011320
Stddev	.052329	.0034639	.0020348	.0003541	.04690	.025165	.001269
%RSD	2.065226	16.20754	2.645109	2.961199	.2058954	.2936582	11.20969

#1	2.491215	.0216807	.0788854	.0115743	22.81360	8.566883	-.012713
#2	2.592219	.0246711	.0748233	.0122728	22.72556	8.545875	-.011020
#3	2.517978	.0177641	.0770668	.0120246	22.79760	8.595988	-.010228

Sample Name: K2146-12 Acquired: 04/03/2019 17:45:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDQ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006335	-.012254	.1899653
Stddev	.001328	.001929	.0006059
%RSD	20.95575	15.74524	.3189762

#1	-.007166	-.010406	.1897737
#2	-.004804	-.014256	.1894783
#3	-.007034	-.012101	.1906439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.649	3708.028	56896.04	12056.67	4298.837
Stddev	18.953	6.754	251.53	23.18	2.031
%RSD	.7243215	.1821534	.4420812	.1922952	.0472435

#1	2611.033	3714.905	56954.83	12083.44	4300.993
#2	2601.138	3701.403	56620.33	12043.19	4296.960
#3	2637.775	3707.776	57112.97	12043.38	4298.557

Sample Name: K2146-13 Acquired: 04/03/2019 17:49:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078108	.0003708	.0025316	.0018682	.0014983	-.065917	.0825793
Stddev	.0031521	.0021448	.0004554	.0013852	.0014294	.007883	.0010305
%RSD	40.35552	578.3781	17.98908	74.14430	95.40186	11.95963	1.247888

#1	.0114430	-.001877	.0030537	.0012059	.0002059	-.057224	.0819318
#2	.0061959	.002395	.0023243	.0034602	.0012553	-.067923	.0820386
#3	.0057934	.000594	.0022166	.0009386	.0030337	-.072603	.0837677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002266	-.000095	166.1127	-.000308	-.001264	-.002894	5.823652
Stddev	.0000190	.000077	.3995	.000527	.000025	.001587	.035661
%RSD	8.375027	81.26115	.2405203	171.4637	1.942316	54.85134	.6123445

#1	.0002058	-.000160	165.6928	.000294	-.001287	-.001063	5.786000
#2	.0002429	-.000114	166.4882	-.000528	-.001268	-.003875	5.856915
#3	.0002312	-.000010	166.1570	-.000689	-.001238	-.003745	5.828041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691955	49.27655	.0005641	-.000014	260.4893	.0011406	.0021952
Stddev	.0007262	.08524	.0004370	.000634	.5054	.0002352	.0002423
%RSD	1.049462	.1729900	77.45972	4588.240	.1940160	20.61620	11.03562

#1	.0684991	49.24560	.0007857	-.000241	260.2997	.0013933	.0020047
#2	.0699482	49.37294	.0008458	.000702	261.0620	.0011004	.0021131
#3	.0691391	49.21110	.0000607	-.000502	260.1061	.0009281	.0024679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447223	.0508868	2.473818	.0067653	55.24516	30.63086	-.010698
Stddev	.077703	.0009043	.013121	.0001231	.06829	.15889	.002615
%RSD	1.426467	1.776984	.5303987	1.819659	.1236043	.5187144	24.44486

#1	5.496514	.0518540	2.468911	.0068983	55.21931	30.49217	-.009867
#2	5.487504	.0507440	2.488686	.0067422	55.32260	30.80422	-.013627
#3	5.357650	.0500625	2.463859	.0066553	55.19358	30.59618	-.008599

Sample Name: K2146-13 Acquired: 04/03/2019 17:49:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007038	.0151116	1.055526
Stddev	.000514	.0008890	.001681
%RSD	7.309034	5.882937	.1592769

#1	-.007304	.0152191	1.054509
#2	-.006445	.0159419	1.057467
#3	-.007366	.0141737	1.054603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.399	3591.555	55769.93	12033.69	4047.494
Stddev	13.078	5.211	245.64	24.96	4.643
%RSD	.5135932	.1450893	.4404599	.2073781	.1147241

#1	2531.555	3585.586	55609.38	12026.66	4043.191
#2	2551.415	3593.882	56052.71	12013.00	4052.416
#3	2556.226	3595.198	55647.70	12061.40	4046.876

Sample Name: K2146-14 Acquired: 04/03/2019 17:53:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021937	-.000511	.0016109	-.001070	-.000480	-.056273	.1063933
Stddev	.0020506	.003153	.0012782	.003455	.000713	.002730	.0005119
%RSD	93.47864	617.3200	79.34722	322.9704	148.6882	4.851189	.4811372

#1	.0045593	.003130	.0004829	-.003167	.000063	-.059296	.1069794
#2	.0009216	-.002337	.0029992	-.002960	-.000215	-.055536	.1060338
#3	.0011002	-.002325	.0013506	.002918	-.001288	-.053987	.1061667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002493	-.000211	133.1743	.0003493	-.000271	-.002317	2.766961
Stddev	.0001204	.000053	.9228	.0005380	.000331	.001022	.014132
%RSD	48.30369	25.23874	.6929399	154.0160	122.3297	44.10704	.5107506

#1	.0003467	-.000255	134.2397	-.000228	-.000025	-.003047	2.778507
#2	.0001146	-.000152	132.6291	.000440	-.000139	-.002754	2.751201
#3	.0002864	-.000225	132.6540	.000836	-.000647	-.001149	2.771175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1295028	39.76080	.0018677	-.000107	156.9135	.0023356	.0274092
Stddev	.0006515	.22422	.0002482	.000248	.3574	.0016286	.0009441
%RSD	.5030781	.5639221	13.29206	231.2522	.2277432	69.73076	3.444622

#1	.1302465	39.97846	.0020429	-.000098	157.2598	.0039910	.0284937
#2	.1290324	39.53055	.0019766	.000136	156.5460	.0022806	.0269636
#3	.1292297	39.77339	.0015836	-.000360	156.9348	.0007351	.0267703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14004	.0351528	1.458830	.0034499	29.12086	15.85756	-.011594
Stddev	.04616	.0025402	.010441	.0003786	.03700	.10222	.001772
%RSD	.4551997	7.226117	.7156842	10.97510	.1270491	.6446391	15.28756

#1	10.19330	.0377048	1.463544	.0034932	29.11023	15.94730	-.009547
#2	10.11160	.0351288	1.446864	.0030515	29.09034	15.74628	-.012617
#3	10.11522	.0326246	1.466083	.0038051	29.16201	15.87908	-.012616

Sample Name: K2146-14 Acquired: 04/03/2019 17:53:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006459	.0128003	.6429497
Stddev	.002445	.0017226	.0014169
%RSD	37.84884	13.45714	.2203708

#1	-.005461	.0142659	.6442322
#2	-.009245	.0132319	.6414288
#3	-.004672	.0109029	.6431882

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.638	3622.423	56339.16	11965.75	4145.922
Stddev	10.572	13.160	209.55	78.17	11.622
%RSD	.4096476	.3633049	.3719514	.6532662	.2803235

#1	2590.525	3637.312	56445.30	11876.05	4156.326
#2	2569.494	3617.611	56097.77	12019.27	4148.060
#3	2581.895	3612.345	56474.41	12001.93	4133.379

Sample Name: K2146-18 Acquired: 04/03/2019 17:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062551	-.000483	.0010912	-.000032	-.001241	-.047109	.1612647
Stddev	.0051979	.001118	.0007199	.001022	.000917	.011558	.0015287
%RSD	83.09887	231.4699	65.97761	3243.621	73.86438	24.53438	.9479434

#1	.0021357	-.000504	.0010211	.001064	-.000923	-.037902	.1608779
#2	.0120953	-.001591	.0004088	-.000959	-.002274	-.043345	.1629496
#3	.0045345	.000645	.0018436	-.000200	-.000526	-.060079	.1599665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001978	-.000095	143.2008	.0000785	-.001012	-.004960	2.756361
Stddev	.0000865	.000026	.2995	.0003905	.000112	.000799	.009007
%RSD	43.71569	27.78410	.2091417	497.4168	11.05012	16.11222	.3267740

#1	.0000990	-.000071	143.3418	.0000006	-.001140	-.005013	2.754059
#2	.0002348	-.000123	143.4037	-.000267	-.000932	-.005732	2.748728
#3	.0002597	-.000090	142.8568	.000502	-.000965	-.004136	2.766295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4971346	36.96113	.0017848	.0004747	161.2627	.0032895	.0089997
Stddev	.0006066	.05997	.0001530	.0003516	.4026	.0001345	.0020782
%RSD	.1220164	.1622433	8.569726	74.06240	.2496490	4.088888	23.09229

#1	.4964371	37.00142	.0019614	.0007095	161.3246	.0034225	.0098261
#2	.4975389	36.98977	.0016933	.0006441	161.6308	.0031536	.0066354
#3	.4974277	36.89222	.0016997	.0000705	160.8328	.0032923	.0105377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.507024	.0135540	1.966105	.0085320	38.11272	18.21941	-.010834
Stddev	.079162	.0013149	.011518	.0005443	.01979	.06834	.001081
%RSD	1.054501	9.701369	.5858259	6.379379	.0519160	.3750886	9.973765

#1	7.461067	.0120416	1.964659	.0088391	38.09680	18.19495	-.012028
#2	7.461574	.0144264	1.978278	.0088533	38.13487	18.29662	-.009924
#3	7.598432	.0141940	1.955378	.0079036	38.10648	18.16667	-.010550

Sample Name: K2146-18 Acquired: 04/03/2019 17:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006939	.0104252	.8136445
Stddev	.001275	.0010095	.0005167
%RSD	18.36793	9.682923	.0635087

#1	-.006929	.0108507	.8130487
#2	-.005670	.0111523	.8139149
#3	-.008219	.0092727	.8139700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.457	3626.695	56848.51	12107.28	4158.230
Stddev	17.808	3.550	264.79	20.28	6.482
%RSD	.6866355	.0978888	.4657891	.1675426	.1558860

#1	2575.638	3622.853	56617.08	12094.10	4156.397
#2	2611.253	3629.853	57137.27	12097.11	4165.431
#3	2593.481	3627.379	56791.17	12130.64	4152.862

Sample Name: K2146-19 Acquired: 04/03/2019 18:01:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067780	-.001704	.0011098	.0018637	-.001840	-.050920	.0748337
Stddev	.0023127	.001752	.0006996	.0030032	.001194	.003922	.0006049
%RSD	34.12100	102.7829	63.03910	161.1458	64.88814	7.703079	.8083440

#1	.0069848	-.002673	.0010527	.0049751	-.001549	-.046728	.0754701
#2	.0043688	-.002758	.0004405	-.001018	-.003153	-.051533	.0742662
#3	.0089804	.000318	.0018363	.001634	-.000819	-.054500	.0747647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001053	-.000110	144.8218	-.000087	-.001159	-.004575	1.972848
Stddev	.0001104	.000079	.9500	.000618	.000196	.000984	.006762
%RSD	104.8424	71.24153	.6559822	711.4385	16.94504	21.51714	.3427462

#1	.0000144	-.000173	145.8040	-.000507	-.000934	-.004969	1.979201
#2	.0000733	-.000022	143.9077	.000623	-.001296	-.005301	1.965741
#3	.0002282	-.000136	144.7537	-.000377	-.001247	-.003455	1.973604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5875397	50.84041	.0005101	.0002766	87.54307	.0009733	.0016077
Stddev	.0034135	.23721	.0004907	.0002821	.65619	.0021983	.0014935
%RSD	.5809801	.4665837	96.19201	101.9828	.7495660	225.8692	92.89396

#1	.5914784	50.98965	.0008443	.0000479	88.27008	-.001216	.0025366
#2	.5854404	50.56688	-.000053	.0005918	86.99468	.003181	-.000115
#3	.5857003	50.96469	.000739	.0001901	87.36444	.000955	.002402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.272416	.0239103	1.284737	.0122914	84.88999	12.96998	-.010817
Stddev	.053492	.0024124	.012121	.0004706	.32913	.13798	.001604
%RSD	.6466255	10.08954	.9434328	3.828795	.3877194	1.063851	14.82648

#1	8.334124	.0212903	1.295934	.0118460	84.61726	13.09252	-.012624
#2	8.239225	.0244007	1.271867	.0127837	84.79712	12.82053	-.010267
#3	8.243898	.0260398	1.286410	.0122445	85.25558	12.99689	-.009562

Sample Name: K2146-19 Acquired: 04/03/2019 18:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005786	.0110666	.7929635
Stddev	.001614	.0018640	.0016545
%RSD	27.90268	16.84377	.2086506

#1	-.004606	.0089985	.7947599
#2	-.007626	.0115838	.7926284
#3	-.005126	.0126173	.7915022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.365	3627.831	56768.99	12073.72	4192.978
Stddev	19.646	7.725	180.20	122.49	5.114
%RSD	.7563916	.2129454	.3174239	1.014512	.1219593

#1	2582.168	3630.003	56642.86	11947.17	4194.789
#2	2590.378	3634.238	56688.75	12191.71	4196.939
#3	2619.550	3619.252	56975.37	12082.28	4187.205

Sample Name: K2146-20 Acquired: 04/03/2019 18:05:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000356	.0005182	.0010852	-.001760	-.001405	-.061333	.2913786
Stddev	.004883	.0026459	.0021871	.003440	.001254	.006939	.0014751
%RSD	1373.696	510.6009	201.5354	195.4954	89.25513	11.31359	.5062594

#1	-.002504	.0035417	-.000133	-.004453	-.000970	-.053380	.2914661
#2	-.003796	-.000613	-.000222	-.002942	-.002819	-.064467	.2928080
#3	.005234	-.001374	.003610	.002116	-.000427	-.066153	.2898616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002701	-.000082	141.7317	-.001355	-.001058	-.004326	13.99742
Stddev	.0001179	.000086	.8350	.000511	.000301	.001195	.05473
%RSD	43.64350	105.9711	.5891293	37.70206	28.41907	27.62463	.3909941

#1	.0004055	-.000042	141.0392	-.001692	-.000890	-.004518	13.94343
#2	.0001903	-.000022	142.6589	-.001606	-.000879	-.005412	14.05286
#3	.0002146	-.000181	141.4970	-.000767	-.001405	-.003046	13.99597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2123248	33.37123	.0014368	-.001077	70.56242	.0032739	.0037455
Stddev	.0014859	.24962	.0004783	.000468	.27152	.0007067	.0029794
%RSD	.6998244	.7480075	33.28821	43.42944	.3847943	21.58684	79.54726

#1	.2107142	33.11620	.0018545	-.001541	70.65599	.0035563	.0045943
#2	.2136423	33.61506	.0015409	-.001082	70.77478	.0037957	.0004338
#3	.2126178	33.38242	.0009150	-.000606	70.25648	.0024696	.0062084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.024260	.6299875	.6460371	.0010571	17.74556	26.13566	-.011014
Stddev	.064100	.0031969	.0063876	.0004158	.01561	.24068	.001650
%RSD	.9125567	.5074519	.9887377	39.33759	.0879381	.9208699	14.98122

#1	6.963351	.6265856	.6499294	.0007479	17.76035	25.98556	-.012909
#2	7.018293	.6304474	.6495168	.0015299	17.72925	26.41326	-.009895
#3	7.091135	.6329295	.6386652	.0008935	17.74709	26.00816	-.010237

Sample Name: K2146-20 Acquired: 04/03/2019 18:05:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004797	.0052680	.7232167
Stddev	.001410	.0004972	.0030151
%RSD	29.38903	9.438678	.4169087

#1	-.005428	.0049261	.7198925
#2	-.003182	.0050395	.7257753
#3	-.005780	.0058384	.7239822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.170	3636.599	56813.36	12058.22	4214.863
Stddev	16.721	11.435	290.43	65.14	13.797
%RSD	.6418383	.3144431	.5112084	.5402340	.3273453

#1	2609.465	3646.197	56669.76	12132.46	4219.781
#2	2619.325	3639.651	57147.63	12010.60	4225.527
#3	2586.721	3623.947	56622.70	12031.61	4199.280

Sample Name: K2146-21 Acquired: 04/03/2019 18:09:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051651	.0003872	.0011958	.0007511	-.001511	-.044519	.0759515
Stddev	.0027746	.0020253	.0013598	.0027502	.000243	.003876	.0003476
%RSD	53.71863	523.0045	113.7152	366.1697	16.09348	8.705410	.4576087

#1	.0021047	-.001252	.0026472	-.002424	-.001505	-.040528	.0755898
#2	.0075164	.002651	-.000049	.002389	-.001757	-.044761	.0762830
#3	.0058742	-.000237	.000989	.002288	-.001271	-.048268	.0759816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002174	-.000108	117.4855	-.000345	-.000435	-.005029	6.903322
Stddev	.0001055	.000084	.6556	.000251	.000143	.000528	.026656
%RSD	48.51083	77.98946	.5580589	72.52973	32.89687	10.49778	.3861355

#1	.0001928	-.000143	118.1596	-.000199	-.000488	-.004729	6.928234
#2	.0001264	-.000012	117.4468	-.000202	-.000544	-.004720	6.906522
#3	.0003329	-.000170	116.8501	-.000635	-.000273	-.005639	6.875210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8110079	21.49911	.0014717	-.000720	13.29140	.0017257	.0057326
Stddev	.0045613	.04480	.0001411	.000365	.23018	.0014900	.0015042
%RSD	.5624209	.2083756	9.587337	50.76152	1.731822	86.34603	26.24019

#1	.8162363	21.52711	.0015422	-.001101	13.13478	.0001227	.0042892
#2	.8089440	21.52277	.0013093	-.000372	13.55568	.0019857	.0056175
#3	.8078433	21.44744	.0015637	-.000686	13.18373	.0030685	.0072910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.172825	.0368069	.1068916	.0035035	51.45754	7.895052	-.011272
Stddev	.037324	.0018864	.0016544	.0002597	.13286	.013765	.002012
%RSD	.7215436	5.124981	1.547710	7.411153	.2582010	.1743479	17.84661

#1	5.214671	.0366241	.1051012	.0035325	51.31450	7.891149	-.013257
#2	5.160834	.0387781	.1083637	.0032306	51.57709	7.883660	-.011325
#3	5.142969	.0350187	.1072099	.0037475	51.48102	7.910346	-.009234

Sample Name: K2146-21 Acquired: 04/03/2019 18:09:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005578	-.007747	.3020187
Stddev	.001434	.000862	.0009243
%RSD	25.70136	11.12793	.3060229

#1	-.005920	-.007989	.3027126
#2	-.004004	-.008461	.3009695
#3	-.006809	-.006789	.3023739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.574	3677.675	57189.02	12091.31	4298.472
Stddev	7.630	4.911	24.26	21.33	10.652
%RSD	.2907088	.1335276	.0424161	.1763916	.2478099

#1	2615.974	3676.121	57188.33	12105.56	4301.742
#2	2630.530	3683.175	57213.61	12101.59	4307.105
#3	2627.217	3673.729	57165.11	12066.79	4286.568

Sample Name: K2146-22 Acquired: 04/03/2019 18:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5817733	-.000773	.0006954	-.001175	-.000095	-.060913	.2776369
Stddev	.0036004	.001412	.0028830	.002605	.000745	.008202	.0014145
%RSD	.6188659	182.7948	414.5577	221.7053	782.8644	13.46546	.5094844

#1	.5839943	.000839	-.002625	-.001393	-.000925	-.052251	.2781381
#2	.5776193	-.001795	.002561	-.003664	.000122	-.068561	.2787326
#3	.5837064	-.001362	.002151	.001532	.000517	-.061926	.2760400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001296	-.000227	162.9091	.0002653	-.001161	-.005193	1.737967
Stddev	.0001119	.000044	.6639	.0004654	.000212	.000860	.021614
%RSD	86.36303	19.49921	.4075156	175.4391	18.24830	16.55716	1.243645

#1	.0002509	-.000278	162.6626	.0003427	-.000988	-.005579	1.724401
#2	.0001073	-.000202	162.4037	.0006871	-.001098	-.004208	1.726608
#3	.0000304	-.000201	163.6610	-.000234	-.001397	-.005793	1.762892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462783	47.01424	.0007745	.0000693	152.6110	-.000023	.0017809
Stddev	.0003825	.02143	.0000859	.0007265	.3605	.000309	.0019718
%RSD	.8264602	.0455731	11.09416	1047.914	.2362144	1333.286	110.7215

#1	.0464859	47.02184	.0006815	.0001611	152.4436	-.000115	.0035005
#2	.0458369	47.03083	.0008510	.0007455	152.3646	.000321	.0022134
#3	.0465121	46.99005	.0007909	-.000699	153.0247	-.000276	-.000371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.263295	.4086950	4.756188	.0009400	42.81238	24.74773	-.012801
Stddev	.064387	.0040502	.029173	.0003586	.10543	.18420	.001644
%RSD	.7791965	.9910118	.6133602	38.14460	.2462553	.7443065	12.84244

#1	8.193540	.4041023	4.788824	.0007118	42.70621	24.96028	-.012020
#2	8.275893	.4117559	4.732644	.0013533	42.91705	24.64826	-.014690
#3	8.320453	.4102268	4.747096	.0007549	42.81390	24.63466	-.011693

Sample Name: K2146-22 Acquired: 04/03/2019 18:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004639	.0285370	.7363558
Stddev	.000390	.0018361	.0005019
%RSD	8.409843	6.434135	.0681559

#1	-.004269	.0298961	.7365288
#2	-.005047	.0264482	.7357904
#3	-.004600	.0292666	.7367484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.265	3620.353	56721.09	11863.75	4170.978
Stddev	17.040	8.716	137.44	61.49	4.756
%RSD	.6560843	.2407469	.2423149	.5182799	.1140218

#1	2615.820	3616.303	56879.42	11800.23	4174.586
#2	2582.318	3630.357	56651.50	11868.05	4172.759
#3	2593.656	3614.399	56632.37	11922.98	4165.588

Sample Name: K2147-04 Acquired: 04/03/2019 18:17:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDR9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9700260	-.000535	.0020699	.0011291	.0000345	-.045770	.0727321
Stddev	.0079202	.000945	.0013679	.0034486	.0012653	.002964	.0001747
%RSD	.8164883	176.7812	66.08378	305.4320	3670.722	6.475009	.2402351

#1	.9617711	.000541	.0026032	.0034274	.0003901	-.045373	.0725437
#2	.9775624	-.001230	.0030908	-.002836	.0010839	-.048913	.0727637
#3	.9707446	-.000916	.0005157	.002796	-.001371	-.043026	.0728888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001129	-.000155	130.1170	.0004653	-.000819	-.003224	5.084467
Stddev	.0001098	.000009	.3915	.0002546	.000330	.000654	.016178
%RSD	97.30090	5.821663	.3008742	54.72327	40.27248	20.28196	.3181807

#1	-.000005	-.000162	130.4907	.0007536	-.000721	-.002844	5.082404
#2	.000213	-.000145	129.7099	.0002714	-.000549	-.003979	5.069420
#3	.000130	-.000158	130.1504	.0003708	-.001187	-.002849	5.101578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3241447	34.57385	.0018065	-.000358	40.95464	.0020900	-.000231
Stddev	.0007822	.13424	.0002415	.000274	.23076	.0019147	.001070
%RSD	.2413164	.3882763	13.37024	76.40837	.5634627	91.61019	463.8978

#1	.3249221	34.68768	.0015284	-.000646	41.19460	-.000121	.000912
#2	.3233578	34.42581	.0019276	-.000102	40.93498	.003174	-.001209
#3	.3241541	34.60804	.0019635	-.000326	40.73433	.003217	-.000395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.354734	.6943664	.4090577	.0019879	20.98625	18.79902	-.010895
Stddev	.020057	.0017424	.0028403	.0003682	.04531	.08140	.000336
%RSD	.4605877	.2509325	.6943555	18.52350	.2158899	.4329859	3.082370

#1	4.354506	.6924031	.4119122	.0022297	20.93459	18.78113	-.011261
#2	4.374904	.6949667	.4062317	.0015641	21.01922	18.72806	-.010601
#3	4.334791	.6957292	.4090293	.0021699	21.00495	18.88787	-.010823

Sample Name: K2147-04 Acquired: 04/03/2019 18:17:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004172	-.001523	.3617397
Stddev	.001933	.000763	.0008320
%RSD	46.33572	50.09198	.2300051

#1	-.004333	-.002302	.3612588
#2	-.006019	-.001492	.3612597
#3	-.002163	-.000777	.3627004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2636.360	3671.249	57457.31	12060.24	4270.714
Stddev	12.707	6.072	195.69	50.67	5.514
%RSD	.4819717	.1653852	.3405894	.4201195	.1291049

#1	2626.920	3678.260	57428.21	12062.53	4275.850
#2	2650.807	3667.648	57665.93	12109.73	4264.888
#3	2631.352	3667.841	57277.80	12008.47	4271.404

Sample Name: K2147-05 Acquired: 04/03/2019 18:21:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052718	-.000385	.0037662	-.000994	.0002565	-.084721	.4909681
Stddev	.0028580	.001350	.0012466	.002358	.0006054	.008219	.0013407
%RSD	54.21275	350.9302	33.09920	237.1284	236.0202	9.701493	.2730646

#1	.0038134	.000072	.0024406	.001700	.0009322	-.082080	.4921274
#2	.0034372	-.001904	.0049149	-.002680	-.000237	-.093935	.4894999
#3	.0085647	.000678	.0039432	-.002003	.000074	-.078146	.4912769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002414	-.000071	184.4090	.0026823	-.001286	-.002775	8.514368
Stddev	.0000334	.000078	.2906	.0004485	.000635	.002622	.012839
%RSD	13.82192	109.1633	.1575818	16.72030	49.39770	94.49519	.1507894

#1	.0002033	-.000033	184.1543	.0027350	-.001985	-.003201	8.499543
#2	.0002654	-.000161	184.7255	.0031022	-.001129	.000034	8.521772
#3	.0002557	-.000020	184.3470	.0022098	-.000744	-.005158	8.521788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908153	58.67252	.0021500	-.000492	252.8656	.0020976	.0039907
Stddev	.0010197	.27633	.0001924	.000780	.7958	.0007327	.0011828
%RSD	1.122774	.4709758	8.950623	158.5776	.3147048	34.92985	29.63823

#1	.0909685	58.38809	.0023371	.000385	252.9126	.0029026	.0049686
#2	.0917496	58.93997	.0021602	-.000750	253.6368	.0014697	.0043275
#3	.0897277	58.68950	.0019527	-.001110	252.0473	.0019206	.0026761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.269104	.0640392	.5177072	.0084297	10.57069	29.56908	-.010132
Stddev	.048402	.0012779	.0025058	.0003673	.01019	.14852	.001180
%RSD	2.133102	1.995567	.4840187	4.357067	.0964173	.5022739	11.64185

#1	2.213464	.0644198	.5148143	.0088263	10.56359	29.39759	-.010530
#2	2.292349	.0626141	.5192057	.0083616	10.58237	29.65661	-.008805
#3	2.301499	.0650835	.5191014	.0081012	10.56612	29.65302	-.011061

Sample Name: K2147-05 Acquired: 04/03/2019 18:21:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008041	.0029549	.9954806
Stddev	.000898	.0012227	.0004719
%RSD	11.16244	41.37974	.0473993

#1	-.007064	.0040852	.9958756
#2	-.008828	.0031225	.9956081
#3	-.008231	.0016570	.9949581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.543	3593.893	56519.40	11838.89	4100.780
Stddev	6.169	3.695	317.36	15.54	3.298
%RSD	.2387978	.1028122	.5615143	.1312608	.0804175

#1	2576.800	3592.121	56187.26	11833.84	4104.443
#2	2588.905	3591.418	56819.57	11856.32	4098.047
#3	2584.925	3598.140	56551.35	11826.50	4099.850

Sample Name: K2147-06 Acquired: 04/03/2019 18:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040665	.0011713	.0035420	-.001784	-.000134	-.072182	.4856806
Stddev	.0024698	.0009119	.0010470	.003553	.000387	.000426	.0010768
%RSD	60.73420	77.85572	29.55830	199.1370	287.6864	.5897638	.2217086

#1	.0014211	.0002618	.0044549	.000477	.000152	-.071751	.4869093
#2	.0063117	.0011664	.0037719	.000050	.000019	-.072602	.4849012
#3	.0044668	.0020856	.0023992	-.005879	-.000574	-.072192	.4852313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001529	-.000072	184.0349	-.000341	-.001126	-.004910	8.502739
Stddev	.0001976	.000035	.8322	.000611	.000323	.001853	.039679
%RSD	129.1961	48.77881	.4521808	179.1729	28.69176	37.73366	.4666589

#1	.0002986	-.000036	183.1903	-.000314	-.001068	-.006323	8.461439
#2	-.000072	-.000107	184.8540	-.000965	-.001474	-.002813	8.540569
#3	.000232	-.000074	184.0605	.000256	-.000836	-.005595	8.506208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0898823	58.66487	.0009708	-.000631	251.5091	.0005201	.0052674
Stddev	.0012995	.20357	.0002918	.000549	.6808	.0017246	.0006840
%RSD	1.445774	.3470050	30.05315	86.96453	.2706833	331.5785	12.98577

#1	.0883961	58.48527	.0012485	-.001258	251.2698	.0024696	.0058811
#2	.0908046	58.88600	.0009970	-.000235	252.2772	-.000103	.0045299
#3	.0904462	58.62333	.0006668	-.000401	250.9802	-.000807	.0053911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.288056	.0641833	.5165851	.0086974	10.54073	29.57303	-.009477
Stddev	.112077	.0004436	.0050062	.0003360	.02935	.16024	.001052
%RSD	4.898353	.6911282	.9690998	3.863420	.2784275	.5418453	11.10457

#1	2.265470	.0646433	.5125183	.0089870	10.52429	29.38817	-.008265
#2	2.409706	.0641483	.5221763	.0087762	10.52329	29.65868	-.010162
#3	2.188992	.0637582	.5150607	.0083290	10.57462	29.67225	-.010004

Sample Name: K2147-06 Acquired: 04/03/2019 18:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006157	.0041158	.9925069
Stddev	.000316	.0004986	.0002447
%RSD	5.130623	12.11338	.0246504

#1	-.006516	.0046372	.9923290
#2	-.005919	.0040665	.9924058
#3	-.006037	.0036438	.9927860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.370	3606.018	56810.06	11867.45	4116.161
Stddev	6.624	3.383	64.61	81.61	7.645
%RSD	.2543594	.0938157	.1137290	.6876760	.1857323

#1	2611.983	3605.359	56850.04	11960.43	4120.844
#2	2599.915	3603.013	56735.52	11807.70	4107.339
#3	2601.213	3609.682	56844.62	11834.21	4120.301

Sample Name: K2147-07 Acquired: 04/03/2019 18:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052353	.0000813	.0028659	.0027509	.0006046	-.017488	.0575370
Stddev	.0014395	.0012347	.0006808	.0009425	.0009166	.005905	.0010233
%RSD	27.49691	1519.433	23.75476	34.26168	151.6030	33.76789	1.778594

#1	.0068664	.0015062	.0029068	.0038390	-.000183	-.015749	.0581899
#2	.0046968	-.000673	.0035253	.0021865	.001611	-.024068	.0563575
#3	.0041426	-.000590	.0021656	.0022273	.000385	-.012648	.0580634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001465	-.000082	51.29927	.0032484	-.001115	-.002788	-.082087
Stddev	.0001457	.000114	.44095	.0000615	.000238	.001574	.000829
%RSD	99.43721	139.2252	.8595689	1.893427	21.38465	56.47700	1.010354

#1	-.000022	-.000186	51.63659	.0032674	-.000921	-.002599	-.082023
#2	.000226	-.000098	50.80030	.0032982	-.001042	-.004448	-.081292
#3	.000236	.000039	51.46091	.0031797	-.001381	-.001316	-.082947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000760	32.85009	.0020174	-.000183	52.09348	.0026039	.0008626
Stddev	.000225	.31991	.0003623	.000093	.22531	.0018666	.0013416
%RSD	29.63471	.9738382	17.95758	50.74579	.4325032	71.68201	155.5343

#1	-.000698	33.14452	.0024313	-.000084	52.28726	.0043468	.0014515
#2	-.000572	32.50968	.0018625	-.000197	52.14694	.0028306	.0018090
#3	-.001010	32.89607	.0017583	-.000269	51.84626	.0006344	-.000673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.650996	.0099226	.3632089	.0119851	32.61709	10.78194	-.008245
Stddev	.058482	.0018257	.0048852	.0006686	.06296	.10837	.001203
%RSD	.8792920	18.39987	1.345008	5.578972	.1930323	1.005153	14.59179

#1	6.690390	.0099089	.3638985	.0112796	32.62463	10.83447	-.008779
#2	6.583799	.0117552	.3580156	.0126095	32.55070	10.65731	-.009088
#3	6.678797	.0081038	.3677127	.0120660	32.67594	10.85403	-.006867

Sample Name: K2147-07 Acquired: 04/03/2019 18:29:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002243	-.005544	.2466782
Stddev	.001124	.000673	.0003793
%RSD	50.09916	12.12929	.1537782

#1	-.000953	-.005341	.2468134
#2	-.002762	-.004997	.2462497
#3	-.003013	-.006295	.2469713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.504	3713.047	57667.99	12050.58	4360.209
Stddev	5.156	5.963	294.24	113.65	3.698
%RSD	.1935108	.1605967	.5102253	.9430702	.0848235

#1	2659.061	3719.932	57602.16	11946.59	4364.340
#2	2665.136	3709.660	57412.24	12171.89	4359.081
#3	2669.316	3709.549	57989.56	12033.26	4357.206

Sample Name: K2147-08 Acquired: 04/03/2019 18:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001227	-.000232	.0094342	-.011268	.0052475	-.257024	1.135671
Stddev	.000854	.001810	.0019257	.002392	.0008634	.014320	.000540
%RSD	69.62365	780.0337	20.41159	21.22308	16.45394	5.571561	.0475769

#1	-.000241	-.002307	.0072573	-.008520	.0059203	-.243474	1.135137
#2	-.001686	.001027	.0109151	-.012873	.0042739	-.255593	1.135658
#3	-.001754	.000583	.0101302	-.012412	.0055483	-.272007	1.136218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003897	.0002018	546.5362	-.012172	.0044127	-.007213	101.1744
Stddev	.0000740	.0000395	2.0847	.000477	.0004457	.003360	.2756
%RSD	18.98933	19.59632	.3814333	3.921659	10.10058	46.58641	.2723996

#1	.0003504	.0002214	544.1459	-.012154	.0039038	-.011090	100.8578
#2	.0004750	.0001563	547.4844	-.012657	.0047337	-.005395	101.3044
#3	.0003436	.0002277	547.9782	-.011703	.0046006	-.005153	101.3610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.81559	109.1856	.0022904	-.004581	153.9429	.0079735	.0011160
Stddev	.07670	.1283	.0004838	.000188	.3321	.0021096	.0042246
%RSD	.4561272	.1175219	21.12232	4.094558	.2157352	26.45811	378.5456

#1	16.72829	109.0415	.0026588	-.004724	153.5924	.0090141	-.001118
#2	16.84637	109.2876	.0024700	-.004650	153.9833	.0055458	-.001523
#3	16.87213	109.2276	.0017426	-.004368	154.2530	.0093607	.005989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.762665	.0456116	.5616066	-.000665	82.51697	32.63677	-.008097
Stddev	.065752	.0016351	.0008808	.000357	.23462	.12505	.001309
%RSD	.6735024	3.584784	.1568342	53.70276	.2843291	.3831635	16.17078

#1	9.690545	.0440422	.5609829	-.000549	82.32537	32.50017	-.007264
#2	9.819276	.0473053	.5612228	-.001066	82.77864	32.66451	-.007421
#3	9.778174	.0454874	.5626142	-.000381	82.44690	32.74562	-.009606

Sample Name: K2147-08 Acquired: 04/03/2019 18:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.020871	.0410303	2.260153
Stddev	.001709	.0007675	.001679
%RSD	8.189505	1.870520	.0742769

#1	-.022611	.0411096	2.262030
#2	-.019194	.0417550	2.259631
#3	-.020808	.0402262	2.258797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.007	3536.259	57105.64	11994.01	4012.042
Stddev	4.859	5.550	91.22	56.80	1.775
%RSD	.1892809	.1569514	.1597471	.4736029	.0442514

#1	2563.560	3532.165	57137.37	12053.09	4010.062
#2	2564.896	3542.576	57176.77	11989.16	4013.492
#3	2572.564	3534.035	57002.79	11939.79	4012.572

Sample Name: K2147-09 Acquired: 04/03/2019 18:37:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030582	-.001809	.0078964	-.011906	.0041754	-.252066	1.142513
Stddev	.0019102	.001136	.0014258	.001176	.0003206	.007317	.001659
%RSD	62.45922	62.78378	18.05602	9.874476	7.677433	2.902716	.1451670

#1	.0023680	-.000633	.0064822	-.011494	.0042461	-.259075	1.144388
#2	.0052176	-.001893	.0078735	-.010992	.0038253	-.252645	1.141240
#3	.0015891	-.002900	.0093334	-.013232	.0044546	-.244476	1.141909

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003040	.0002021	543.3794	-.012723	.0038170	-.004990	100.6418
Stddev	.0000533	.0000176	1.2944	.000420	.0003382	.003541	.0758
%RSD	17.54642	8.729266	.2382112	3.299858	8.861456	70.94741	.0753374

#1	.0002431	.0001829	543.2154	-.013081	.0040404	-.001599	100.5664
#2	.0003424	.0002057	542.1749	-.012261	.0039828	-.004709	100.6411
#3	.0003265	.0002176	544.7480	-.012827	.0034278	-.008663	100.7180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.89419	107.4297	.0009459	-.004222	148.8477	.0104144	-.001365
Stddev	.03258	.2473	.0005533	.000952	.4571	.0012729	.000931
%RSD	.1928667	.2302100	58.49083	22.55495	.3070913	12.22245	68.20546

#1	16.88710	107.2676	.0011288	-.004790	149.0419	.0100517	-.002163
#2	16.86574	107.3071	.0003243	-.003122	148.3256	.0118293	-.000342
#3	16.92974	107.7143	.0013845	-.004753	149.1757	.0093623	-.001590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.693492	.0555296	.5451851	-.001070	77.47649	31.88371	-.007124
Stddev	.024493	.0019805	.0011757	.000236	.26827	.28899	.000825
%RSD	.2526700	3.566621	.2156515	22.09532	.3462552	.9063826	11.57812

#1	9.676945	.0548397	.5459574	-.001228	77.77248	31.55226	-.007441
#2	9.721628	.0539863	.5457659	-.000798	77.24937	32.08293	-.007744
#3	9.681903	.0577628	.5438320	-.001184	77.40762	32.01592	-.006188

Sample Name: K2147-09 Acquired: 04/03/2019 18:37:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.021788	.0400725	2.242806
Stddev	.001019	.0021685	.001108
%RSD	4.678614	5.411457	.0493958

#1	-.022766	.0416254	2.243530
#2	-.021866	.0375949	2.241531
#3	-.020732	.0409971	2.243358

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.058	3524.058	56400.70	11992.11	4008.917
Stddev	7.060	6.074	80.97	60.83	6.592
%RSD	.2776038	.1723548	.1435601	.5072843	.1644348

#1	2534.909	3529.906	56410.31	12057.10	4016.399
#2	2546.950	3524.487	56315.35	11936.52	4006.391
#3	2547.315	3517.781	56476.43	11982.70	4003.962

Sample Name: CCV066 Acquired: 04/03/2019 18:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.956307	4.871156	24.17301	4.800735	4.808482	426.2911
Stddev	.008100	.021839	.02553	.013754	.020874	4.0598
%RSD	.1634281	.4483334	.1055988	.2865031	.4341117	.9523476

#1	4.964630	4.845971	24.14408	4.800974	4.810156	428.6223
#2	4.948450	4.882638	24.18260	4.786863	4.786820	428.6478
#3	4.955839	4.884858	24.19236	4.814368	4.828468	421.6033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29006	.5197694	2.446764	F 441.3725	15.02457	2.480228
Stddev	.01146	.0076178	.003581	4.2458	.05098	.002874
%RSD	.1113764	1.465606	.1463490	.9619483	.3392975	.1158935

#1	10.29765	.5181994	2.442650	442.2860	14.98748	2.477005
#2	10.27687	.5280499	2.448467	445.0872	15.00353	2.481155
#3	10.29564	.5130590	2.449176	436.7443	15.08270	2.482525

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73739	439.0398	15.91258	432.2175	2.451286	1.297679
Stddev	.03994	3.5554	.15700	3.0289	.001480	.004151
%RSD	.2538004	.8098023	.9866233	.7007827	.0603717	.3198885

#1	15.71867	439.7400	15.93446	432.9007	2.449860	1.302463
#2	15.78325	442.1930	16.05749	434.8465	2.451184	1.295552
#3	15.71025	435.1864	15.74579	428.9053	2.452814	1.295023

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	422.7115	2.534783	15.19669	156.8667	5.144434	F 4.442479
Stddev	1.8266	.016962	.12572	.4640	.017171	.061837
%RSD	.4321227	.6691891	.8273142	.2958083	.3337856	1.391948

#1	424.5297	2.545582	15.22454	156.3940	5.126836	4.429573
#2	422.7283	2.543536	15.05937	157.3215	5.145321	4.509751
#3	420.8766	2.515232	15.30615	156.8846	5.161144	4.388114

Sample Name: CCV066 Acquired: 04/03/2019 18:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.637664	5.060618	5.145656	4.852906	5.275316	5.103852
Stddev	.013260	.024180	.076654	.007232	.020905	.003296
%RSD	.2859121	.4778159	1.489684	.1490208	.3962759	.0645861
#1	4.628784	5.036723	5.132192	4.845452	5.275606	5.101711
#2	4.631302	5.060057	5.228150	4.853373	5.296074	5.107648
#3	4.652906	5.085074	5.076626	4.859893	5.254267	5.102197

Elem	Sr4077
Units	ppm
Avg	5.145453
Stddev	.058687
%RSD	1.140557
#1	5.111368
#2	5.213219
#3	5.111774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.066	3135.957	52057.29	11162.88	3461.435
Stddev	12.508	5.243	291.30	94.21	2.749
%RSD	.5497663	.1671813	.5595700	.8439398	.0794206
#1	2275.354	3133.221	51992.12	11164.13	3461.260
#2	2287.428	3142.002	52375.65	11068.06	3458.777
#3	2262.418	3132.648	51804.09	11256.46	3464.267

Sample Name: CCB066 Acquired: 04/03/2019 18:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011677	-.000942	-.001078	.0003691	.0003189	-.003509	-.001984
Stddev	.0044115	.000890	.001182	.0029321	.0005484	.002044	.000809
%RSD	377.8001	94.48965	109.7027	794.3351	171.9737	58.23414	40.75940

#1	.0039432	-.000237	-.001998	-.000272	.0003841	-.003967	-.002174
#2	.0034791	-.000647	-.001490	.003569	.0008317	-.001276	-.002681
#3	-.003919	-.001942	.000255	-.002190	-.000259	-.005286	-.001097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000125	-.006845	.0002589	.0001857	.0038397	.0041072
Stddev	.000078	.000050	.004919	.0004965	.0003385	.0022533	.0058594
%RSD	736.2710	39.69542	71.87087	191.7303	182.3168	58.68278	142.6615

#1	.000015	-.000159	-.007259	.0005137	.0001289	.0063299	.0037597
#2	-.000099	-.000068	-.011544	.0005763	.0005490	.0019417	-.001571
#3	.000052	-.000149	-.001731	-.000313	-.000121	.0032476	.010133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008379	-.014924	.0002750	-.000033	.4515002	.0020845	.0006610
Stddev	.0005736	.019678	.0004205	.000205	.2861411	.0026613	.0015755
%RSD	68.44785	131.8519	152.9039	621.1932	63.37564	127.6704	238.3656

#1	.0011202	.004437	.0005235	.000199	.7699416	.0050986	.0008220
#2	.0012157	-.034904	.0005121	-.000189	.2159706	.0010959	-.000989
#3	.0001780	-.014306	-.000211	-.000109	.3685884	.0000590	.002150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3100704	-.001334	.0093792	.0008951	-.007949	-.002233	-.001600
Stddev	.1311278	.001543	.0019155	.0003299	.007043	.001732	.001237
%RSD	42.28968	115.6277	20.42311	36.85068	88.59941	77.54090	77.35318

#1	.4491302	-.003115	.0095317	.0011790	-.015114	-.000682	-.000222
#2	.2924178	-.000395	.0112138	.0005332	-.007700	-.004101	-.001960
#3	.1886631	-.000493	.0073919	.0009732	-.001034	-.001917	-.002616

Sample Name: CCB066 Acquired: 04/03/2019 18:45:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v825) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB066 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000238	.0131462	-.000042
Stddev	.001346	.0017019	.000054
%RSD	565.1039	12.94588	129.3613

#1	.001211	.0141129	-.000022
#2	-.000476	.0141446	-.000104
#3	-.001449	.0111811	-.000000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.011	3645.007	55618.94	11548.03	4283.674
Stddev	3.863	8.005	166.99	76.47	9.259
%RSD	.1494872	.2196074	.3002349	.6621856	.2161356

#1	2587.657	3644.427	55811.66	11469.51	4289.048
#2	2579.963	3653.286	55517.30	11552.30	4288.992
#3	2584.413	3637.308	55527.86	11622.27	4272.984

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000519	0.037348	0.000000	1.000000	0.999649
Tl 190.856 {477}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000968	0.065813	0.000000	1.000000	0.999945
Pb 220.353 {453}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000013	0.147206	0.000000	1.000000	0.999919
Se 196.090 {472}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000686	0.041623	0.000000	1.000000	0.999935
Sb 206.833 {463}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000480	0.119059	0.000000	1.000000	0.999678
Al 396.152 { 85}	04/04/2019 11:03:15	04/03/2019 11:52:17	Linear	1/Conc	0.003642	0.067366	0.000000	1.000000	0.999822
Ba 493.409 { 68}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.024996	2.125418	0.000000	1.000000	0.999961
Be 234.861 {144}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.003329	3.701153	0.000000	1.000000	0.999862
Cd 214.438 {457}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000439	2.189650	0.000000	1.000000	0.999989
Ca 373.690 { 90}	04/04/2019 11:03:15	04/03/2019 11:52:17	Linear	1/Conc	0.000857	0.040993	0.000000	1.000000	0.999909
Cr 267.716 {126}	04/04/2019 11:03:15	04/03/2019 11:47:55	Curvili	1/Conc	0.000052	0.142723	-0.000203	1.000000	0.999970
Co 228.616 {448}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000621	0.573697	0.000000	1.000000	0.999913
Cu 324.754 {104}	04/04/2019 11:03:15	04/03/2019 11:47:55	Full Fit	1/Conc	0.002476	0.147787	0.000326	0.970000	0.999992
Fe 259.837 {130}	04/04/2019 11:03:15	04/03/2019 11:52:17	Curvili	1/Conc	0.001259	0.020082	-0.000000	1.000000	0.999962
Mn 257.610 {131}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000656	0.458575	0.000000	1.000000	0.999922
Mg 279.079 {121}	04/04/2019 11:03:15	04/03/2019 11:52:17	Linear	1/Conc	0.000024	0.007357	0.000000	1.000000	0.999620
Ni 231.604 {446}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.002977	0.552546	0.000000	1.000000	0.999933
Ag 328.068 {103}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000778	0.169011	0.000000	1.000000	0.999774
Na 818.326 { 41}	04/04/2019 11:03:15	04/03/2019 11:52:17	Linear	1/Conc	-0.000041	0.003569	0.000000	1.000000	0.999750
V 292.402 {115}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000213	0.099307	0.000000	1.000000	0.999916
Zn 206.200 {464}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	8.931792	2177.3858	0.000000	1.000000	0.996491
Zn 213.856 {158}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000727	0.211010	0.000000	1.000000	0.999685
K 769.896 { 44}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.015470	0.014714	0.000000	1.000000	0.999715
P 177.495 {490}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.001439	0.038052	0.000000	1.000000	0.999591
B 249.678 {135}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.001502	0.120357	0.000000	1.000000	0.997784
Mo 202.030 {467}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000644	0.351537	0.000000	1.000000	0.999643
S 182.034 {485}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000152	0.018745	0.000000	1.000000	0.999317
Si 251.611 {134}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.003755	0.157424	0.000000	1.000000	0.998054
Sn 189.989 {478}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.000387	0.060469	0.000000	1.000000	0.999853
Ti 336.121 {100}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.001606	0.207706	0.000000	1.000000	0.997967
Li 670.784 { 50}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	0.015908	0.604721	0.000000	1.000000	0.997398
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	04/04/2019 11:03:15	04/03/2019 11:47:55	Linear	1/Conc	-0.000264	5.336426	0.000000	1.000000	0.999920