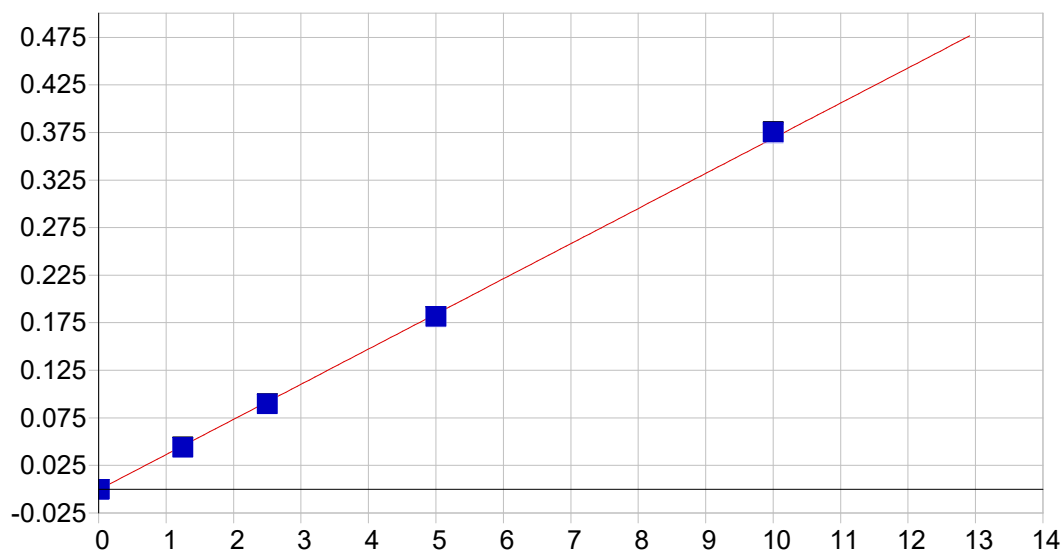


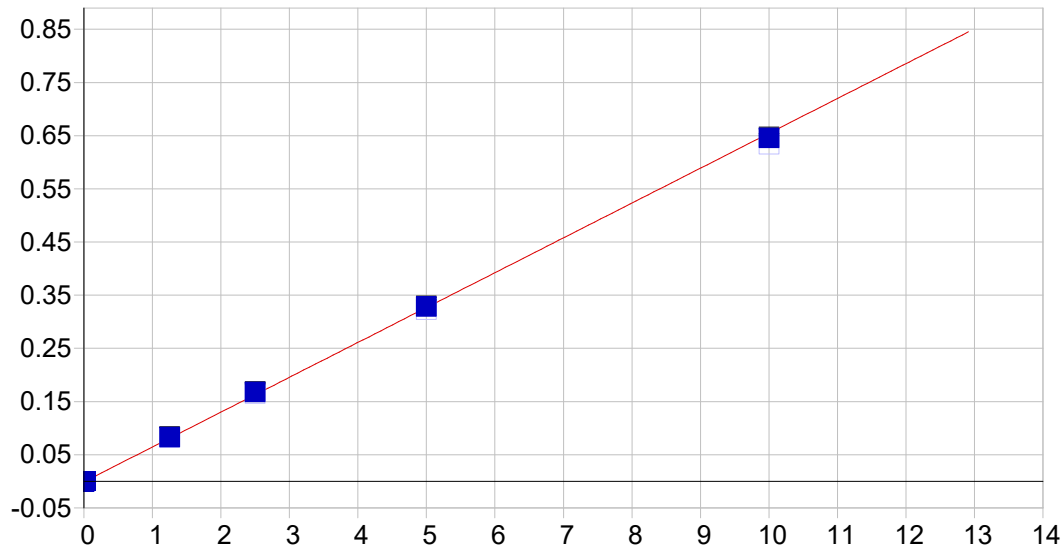


As 189.042 {479}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.036946 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003285
 Predicted MQL: 0.010950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.01000	.01052	.001	5.19	-.00014	.000	1
S2	1.2500	1.2077	-.042	-3.38	.04393	.000	1
S3	2.5000	2.4454	-.055	-2.18	.08949	.000	1
S4	5.0000	4.9255	-.074	-1.49	.18079	.000	1
S5	10.000	10.171	.171	1.71	.37392	.001	1

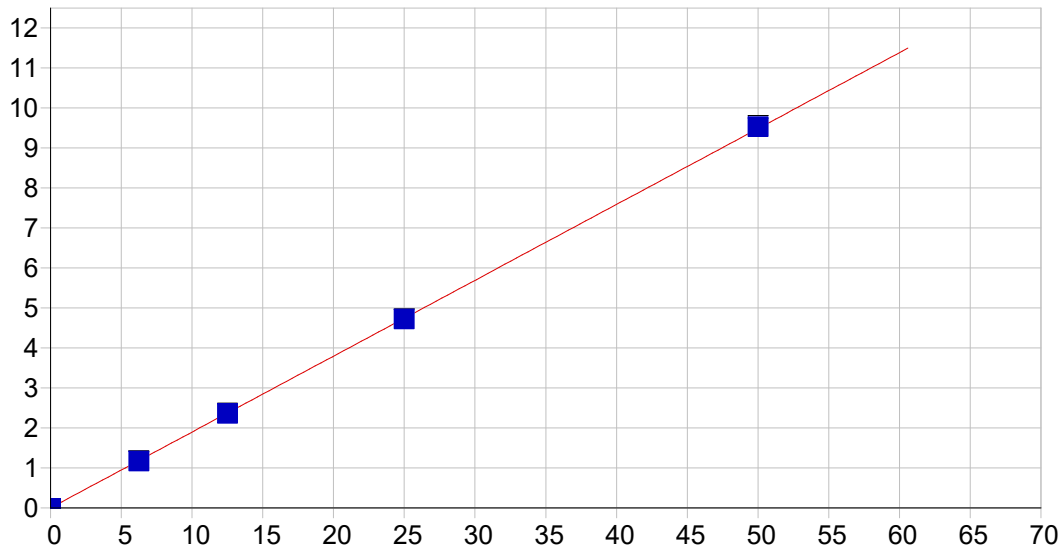


TI 190.856 {477}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000996 Re-Slope: 1.000000
 A1 (Gain): 0.065540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.001952
 Predicted MQL: 0.006506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.02500	.02357	-.001	-5.71	.00048	.000	1
S2	1.2500	1.2859	.036	2.87	.08177	.000	1
S3	2.5000	2.5759	.076	3.04	.16481	.001	1
S4	5.0000	5.0246	.025	.492	.32227	.001	1
S5	10.000	9.8650	-.135	-1.35	.63347	.002	1

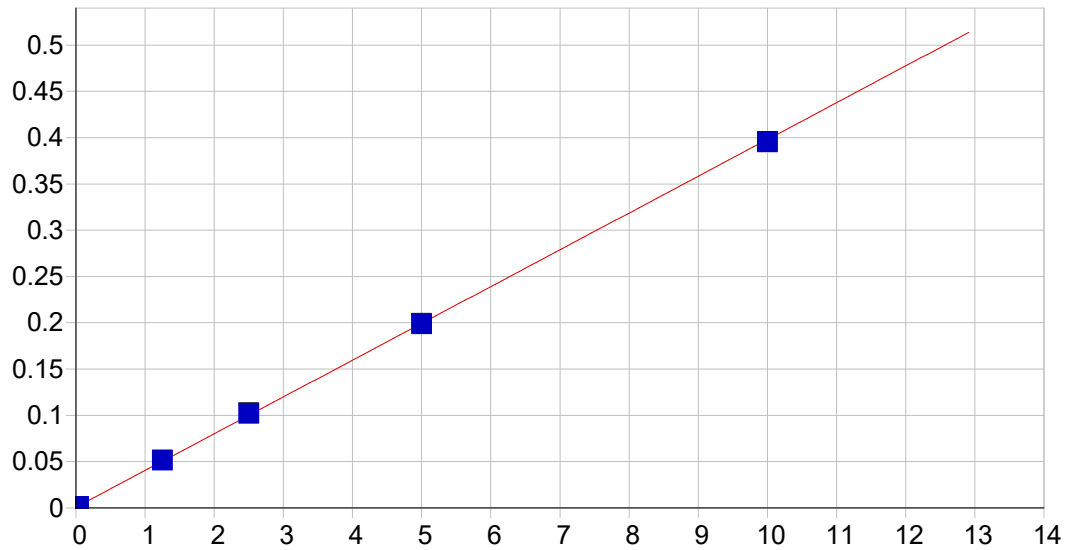


Pb 220.353 {453}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000588	Re-Slope:	1.000000
A1 (Gain):	0.189713	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.001623		
Predicted MQL:	0.005410		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.01000	.00963	-.000	-3.69	.00242	.000	1
S2	6.2500	6.1684	-.082	-1.30	1.1707	.003	1
S3	12.500	12.456	-.044	-.355	2.3634	.006	1
S4	25.000	24.885	-.115	-.462	4.7210	.006	1
S5	50.000	50.242	.242	.483	9.5312	.035	1

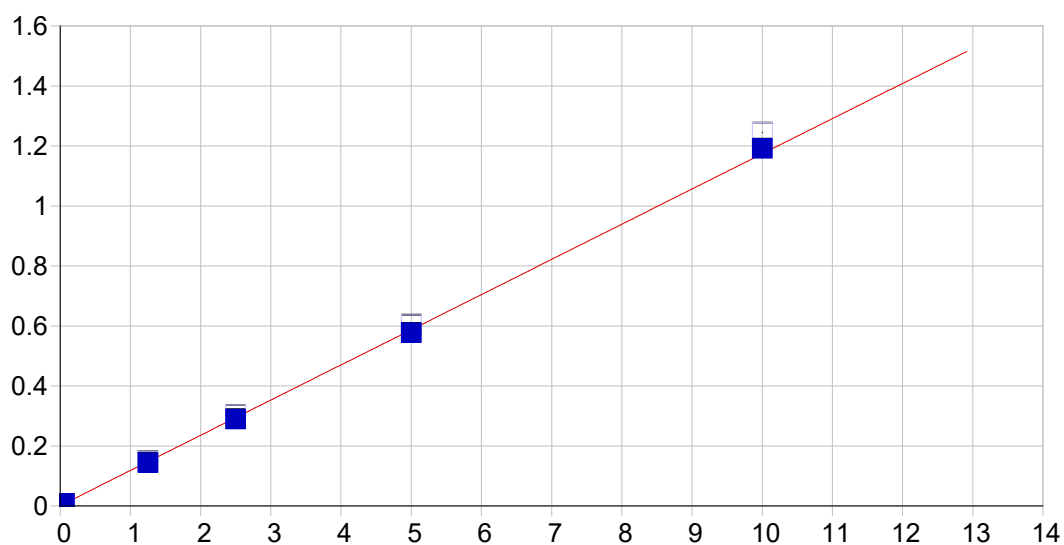


Se 196.090 {472}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000715 Re-Slope: 1.000000
 A1 (Gain): 0.039733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003625
 Predicted MQL: 0.012082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.03500	.03119	-.004	-10.9	.00195	.000	1
S2	1.2500	1.2765	.026	2.12	.05130	.000	1
S3	2.5000	2.5526	.053	2.10	.10188	.000	1
S4	5.0000	4.9889	-.011	-.222	.19842	.001	1
S5	10.000	9.9358	-.064	-.642	.39445	.000	1

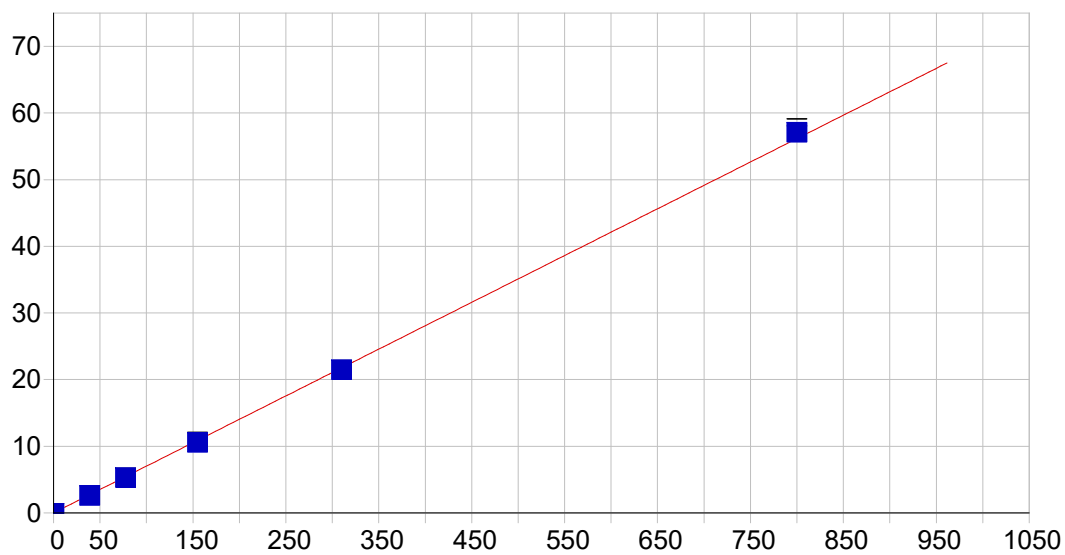


Sb 206.833 {463}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000875 Re-Slope: 1.000000
 A1 (Gain): 0.117263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.001792
 Predicted MQL: 0.005973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00088	.000	1
S1	.06000	.06299	.003	4.98	.00827	.000	1
S2	1.2500	1.2213	-.029	-2.30	.15083	.001	1
S3	2.5000	2.4619	-.038	-1.52	.30306	.000	1
S4	5.0000	4.9138	-.086	-1.72	.60408	.002	1
S5	10.000	10.150	.150	1.50	1.2451	.001	1

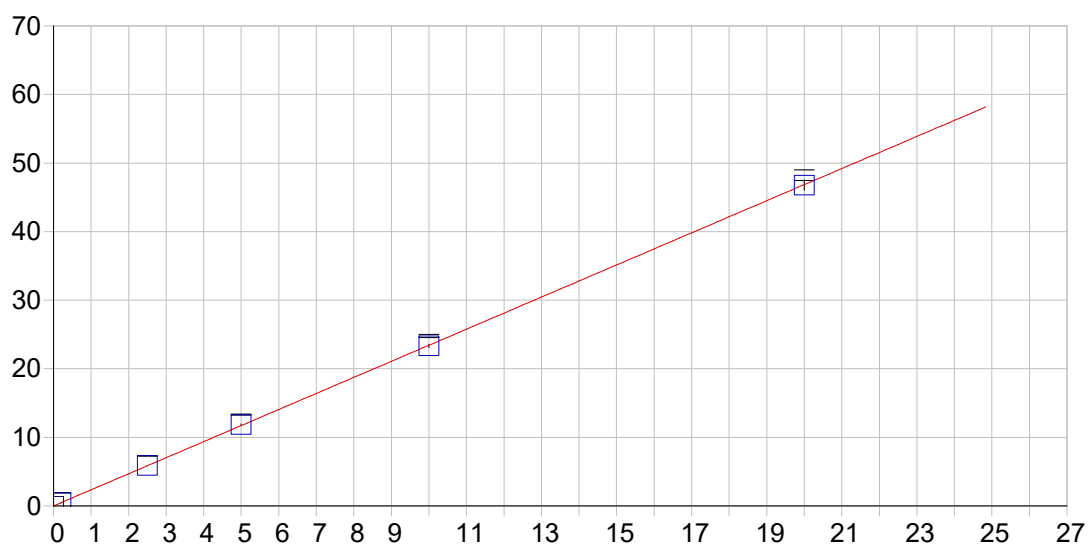


AI 396.152 { 85}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004063 Re-Slope: 1.000000
 A1 (Gain): 0.070202 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000904
 Predicted MDL: 0.009648
 Predicted MQL: 0.032161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00407	.001	1
S1	.20000	.18173	-.018	-9.14	.01706	.000	1
S2	38.750	36.908	-1.84	-4.75	2.6005	.007	1
S3	77.500	75.036	-2.46	-3.18	5.2826	.011	1
S4	155.00	150.32	-4.68	-3.02	10.579	.047	1
S5	310.00	305.66	-4.34	-1.40	21.505	.016	1
S6	800.00	813.36	13.4	1.67	57.139	.525	1

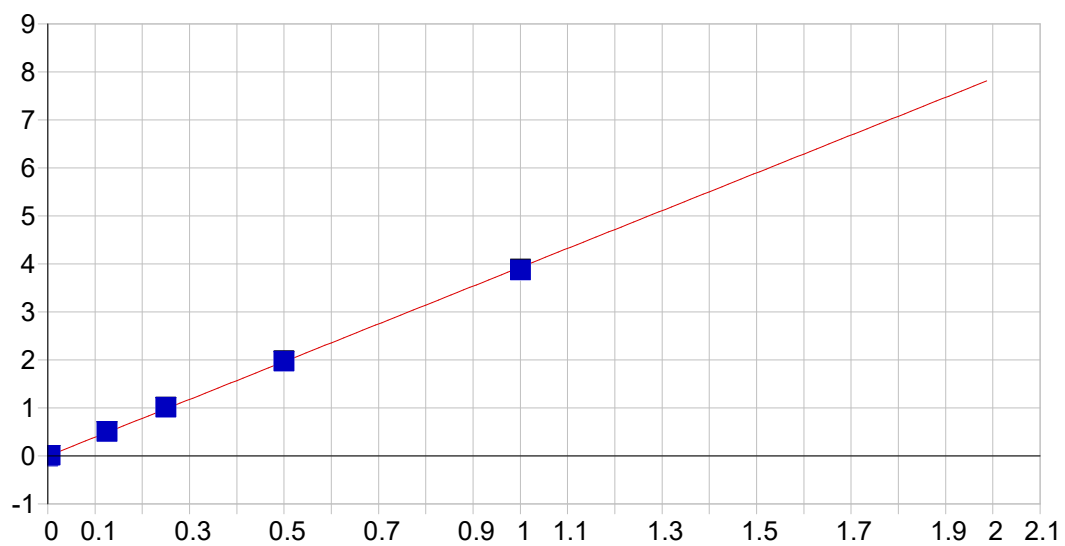


Ba 493.409 { 68}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003770 Re-Slope: 1.000000
 A1 (Gain): 2.342408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.001383
 Predicted MDL: 0.000537
 Predicted MQL: 0.001791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00376	.001	1
S1	.20000	.20321	.003	1.61	.47977	.006	1
S2	2.5000	2.5010	.001	.041	5.8622	.011	1
S3	5.0000	5.0672	.067	1.34	11.873	.061	1
S4	10.000	9.9604	-.040	-.396	23.335	.222	1
S5	20.000	19.968	-.032	-.160	46.777	.780	1

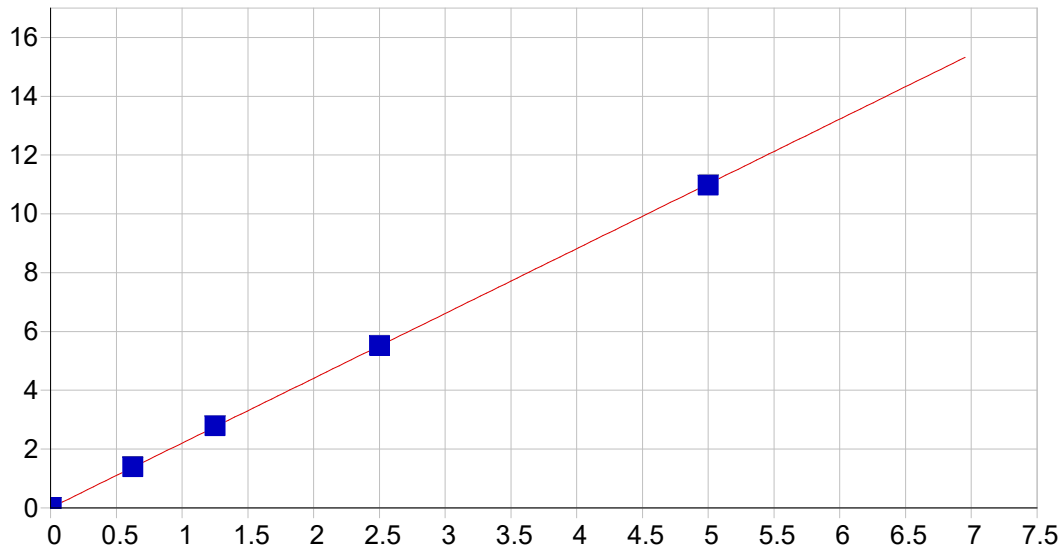


Be 234.861 {144}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003361	Re-Slope:	1.000000
A1 (Gain):	3.933304	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999839	Status:	OK.
Std Error of Est:	0.000264		
Predicted MDL:	0.000071		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00336	.000	1
S1	.00500	.00498	-.000	-.400	.01621	.000	1
S2	.12500	.12896	.004	3.17	.50226	.005	1
S3	.25000	.25793	.008	3.17	1.0079	.005	1
S4	.50000	.50268	.003	.536	1.9673	.007	1
S5	1.0000	.98545	-.015	-1.46	3.8597	.021	1

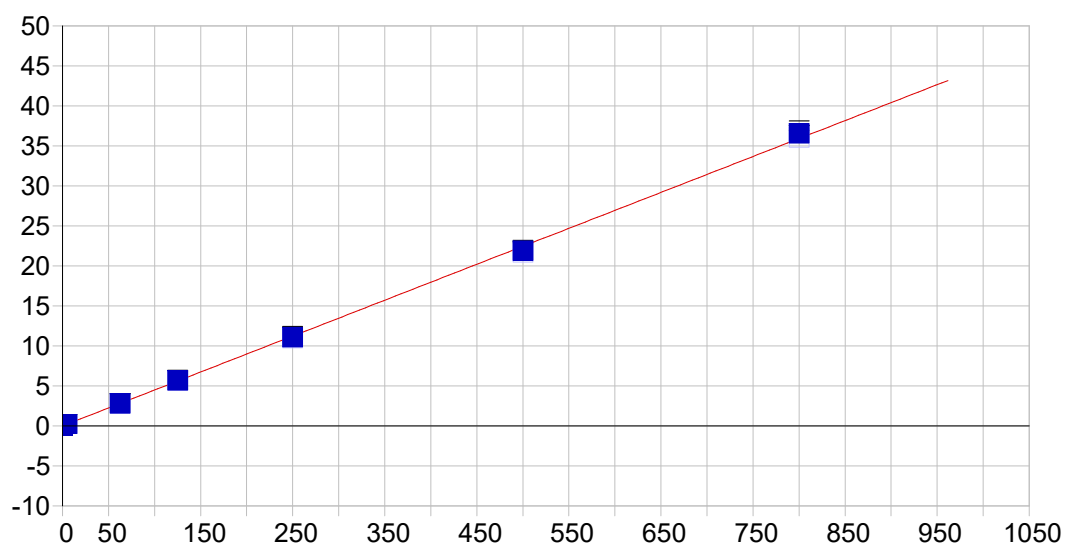


Cd 214.438 {457}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000321	Re-Slope:	1.000000
A1 (Gain):	2.203979	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000088		
Predicted MQL:	0.000294		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00500	.00483	-.000	-3.37	.01098	.000	1
S2	.62500	.62977	.005	.762	1.3904	.003	1
S3	1.2500	1.2664	.016	1.31	2.7956	.006	1
S4	2.5000	2.5016	.002	.064	5.5223	.003	1
S5	5.0000	4.9774	-.023	-.452	10.987	.013	1

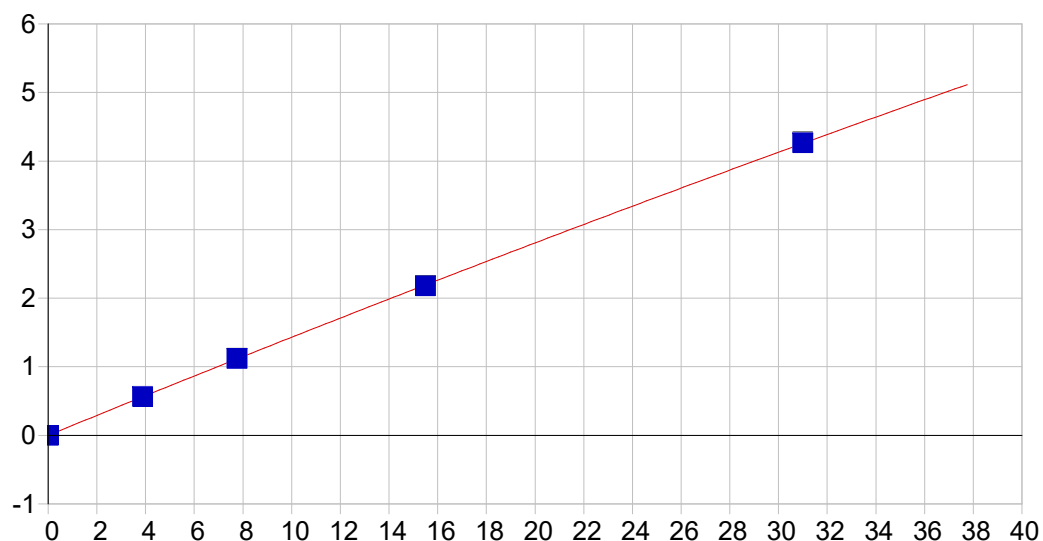


Ca 373.690 { 90}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.044899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.002975
 Predicted MDL: 0.012709
 Predicted MQL: 0.042363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00060	.001	1
S1	5.0000	5.1606	.161	3.21	.23224	.002	1
S2	62.500	62.236	-.264	-.423	2.7698	.009	1
S3	125.00	126.39	1.39	1.11	5.6251	.041	1
S4	250.00	246.76	-3.24	-1.30	10.979	.139	1
S5	500.00	487.65	-12.4	-2.47	21.695	.060	1
S6	800.00	814.39	14.4	1.80	36.031	.295	1

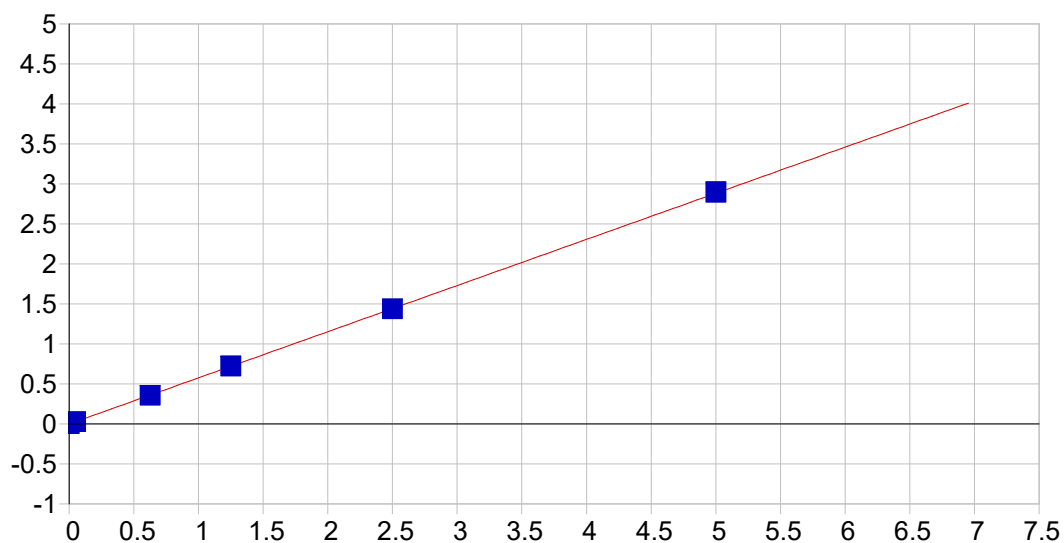


Cr 267.716 {126}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.145758 Y-int: 0.000000
 A2 (Curvature): -0.000272
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000502
 Predicted MQL: 0.001672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01082	.001	8.23	.00162	.000	1
S2	3.8750	3.9074	.032	.837	.56614	.002	1
S3	7.7500	7.7910	.041	.529	1.1206	.001	1
S4	15.500	15.376	-.124	-.803	2.1797	.002	1
S5	31.000	31.051	.051	.163	4.2695	.009	1

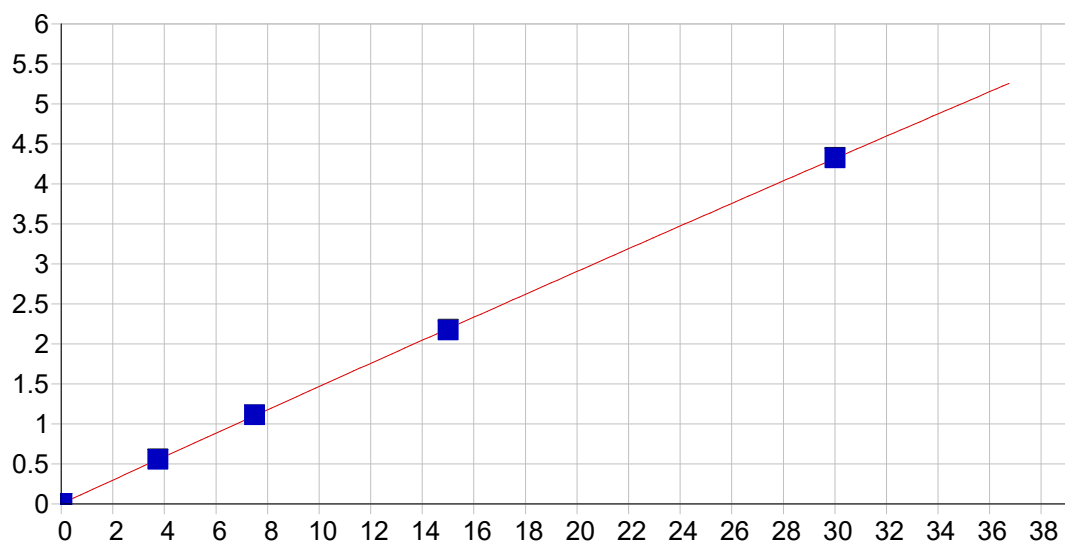


Co 228.616 {448}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000682 Re-Slope: 1.000000
 A1 (Gain): 0.576756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.000313
 Predicted MQL: 0.001043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.05000	.04959	-.000	-.823	.02802	.000	1
S2	.62500	.61530	-.010	-1.55	.35477	.000	1
S3	1.2500	1.2514	.001	.111	.72221	.001	1
S4	2.5000	2.4912	-.009	-.351	1.4384	.002	1
S5	5.0000	5.0175	.017	.350	2.8978	.004	1

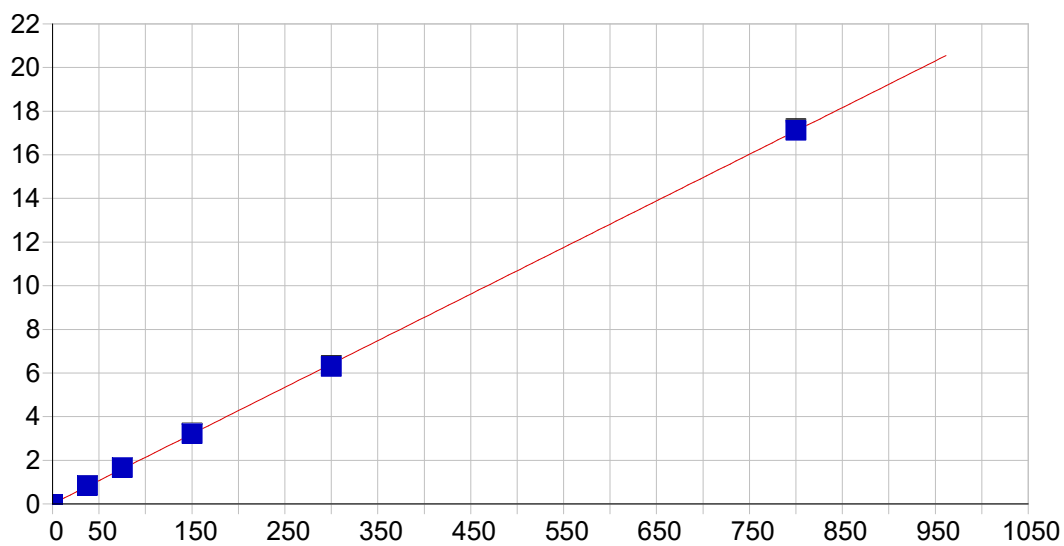


Cu 324.754 {104}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002290 Re-Slope: 1.000000
 A1 (Gain): 0.147814 Y-int: 0.000000
 A2 (Curvature): -0.000132
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002599
 Predicted MQL: 0.008662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00229	.000	1
S1	.02500	.02706	.002	8.23	.00628	.000	1
S2	3.7500	3.7690	.019	.507	.55711	.002	1
S3	7.5000	7.5528	.053	.704	1.1103	.001	1
S4	15.000	14.882	-.118	-.789	2.1711	.010	1
S5	30.000	30.045	.045	.149	4.3207	.008	1

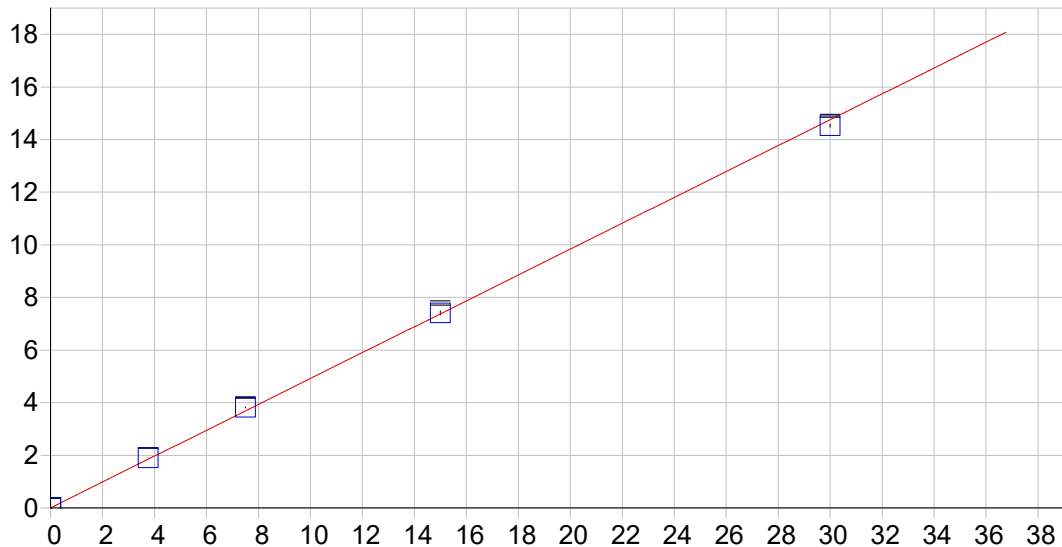


Fe 259.837 {130}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000723 Re-Slope: 1.000000
 A1 (Gain): 0.021368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.008869
 Predicted MQL: 0.029562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00072	.000	1
S1	.10000	.11600	.016	16.0	.00329	.000	1
S2	37.500	38.999	1.50	4.00	.83570	.002	1
S3	75.000	77.787	2.79	3.72	1.6662	.006	1
S4	150.00	150.47	.468	.312	3.2225	.020	1
S5	300.00	294.54	-5.46	-1.82	6.3078	.022	1
S6	800.00	800.69	.685	.086	17.131	.060	1

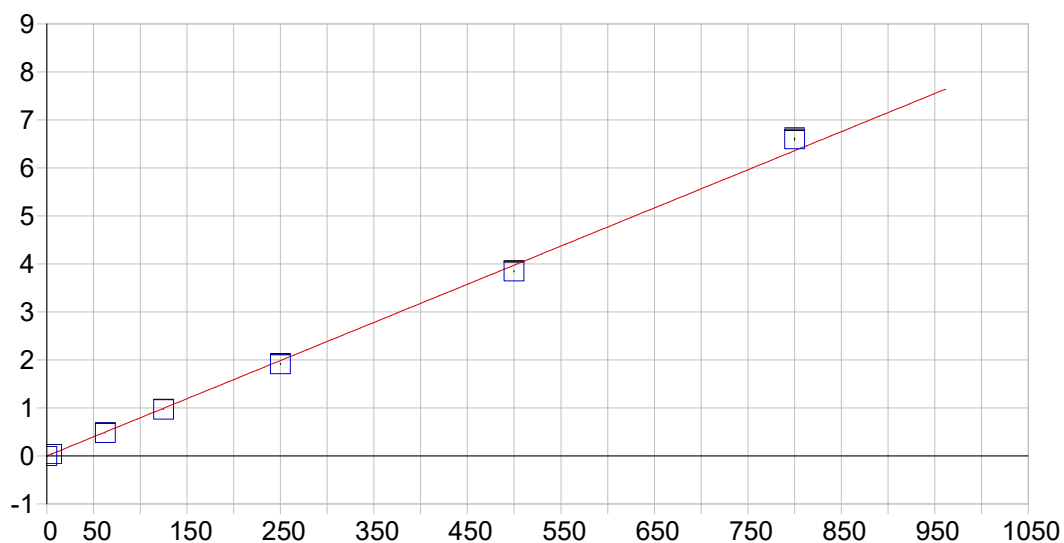


Mn 257.610 {131}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.491791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000338
 Predicted MDL: 0.000409
 Predicted MQL: 0.001363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.01500	.01644	.001	9.59	.00848	.000	1
S2	3.7500	3.8687	.119	3.17	1.9030	.005	1
S3	7.5000	7.7691	.269	3.59	3.8212	.023	1
S4	15.000	15.071	.071	.476	7.4124	.078	1
S5	30.000	29.539	-.461	-1.54	14.528	.057	1

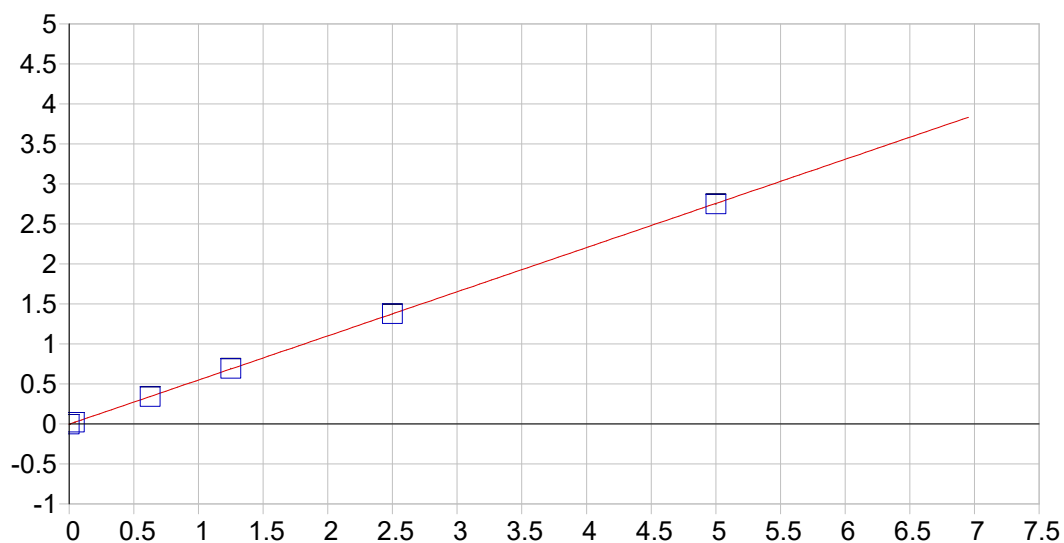


Mg 279.079 {121}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.007947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999370 Status: OK.
 Std Error of Est: 0.000985
 Predicted MDL: 0.026836
 Predicted MQL: 0.089453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	-.00014	.000	1
S1	5.0000	4.9905	-.009	-.190	.03952	.000	1
S2	62.500	60.018	-2.48	-3.97	.47685	.002	1
S3	125.00	122.07	-2.93	-2.35	.96999	.004	1
S4	250.00	240.83	-9.17	-3.67	1.9138	.013	1
S5	500.00	483.91	-16.1	-3.22	3.8457	.012	1
S6	800.00	830.68	30.7	3.84	6.6017	.027	1

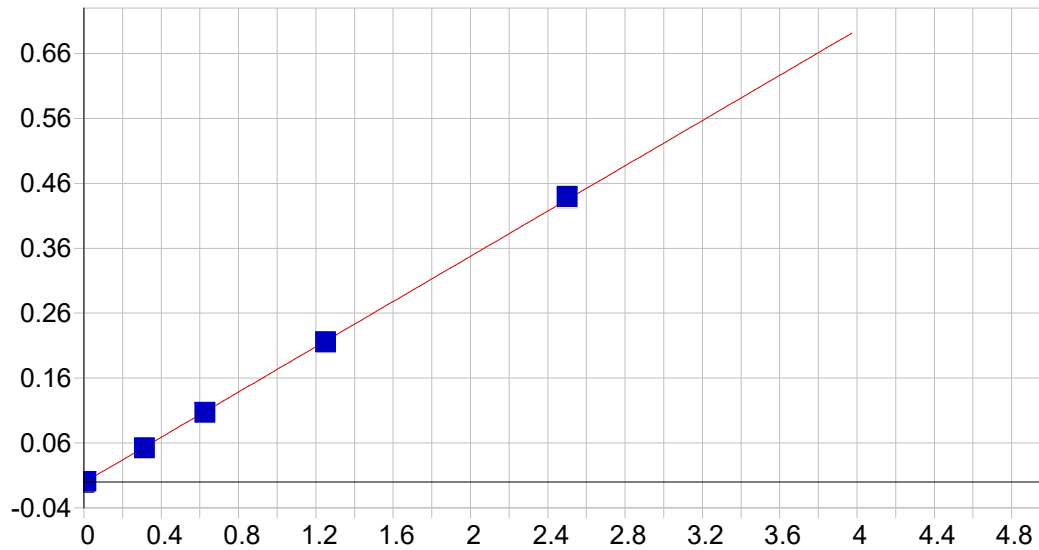


Ni 231.604 {446}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003100	Re-Slope:	1.000000
A1 (Gain):	0.551738	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.000435		
Predicted MQL:	0.001451		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00310	.000	1
S1	.04000	.04196	.002	4.90	.02005	.000	1
S2	.62500	.62503	.000	.005	.34175	.001	1
S3	1.2500	1.2634	.013	1.07	.69395	.002	1
S4	2.5000	2.4966	-.003	-.135	1.3744	.002	1
S5	5.0000	4.9880	-.012	-.240	2.7490	.003	1

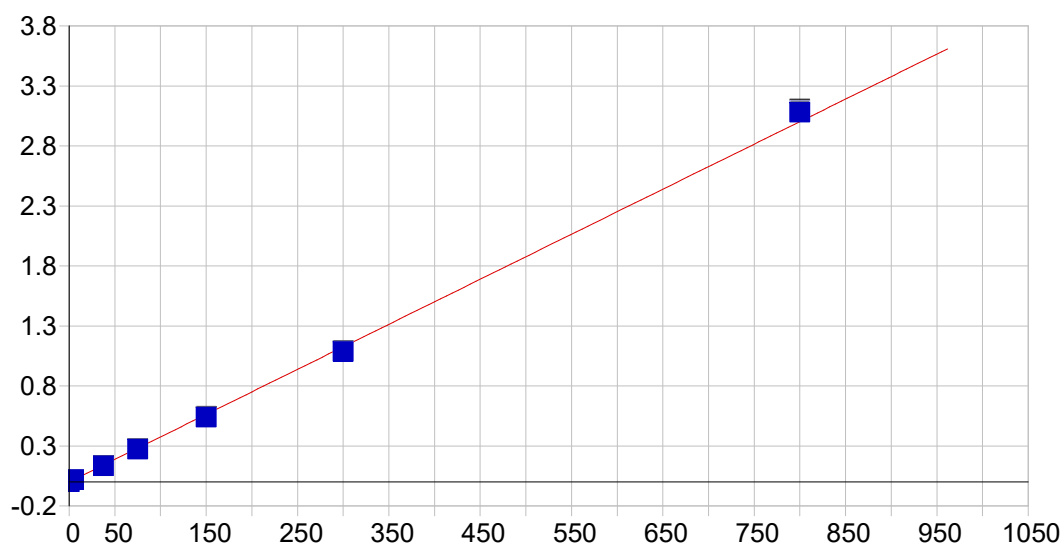


Ag 328.068 {103}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000848	Re-Slope:	1.000000
A1 (Gain):	0.174235	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.000613		
Predicted MQL:	0.002043		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00085	.000	1
S1	.01000	.01048	.000	4.78	.00096	.000	1
S2	.31250	.30324	-.009	-2.96	.05163	.000	1
S3	.62500	.61752	-.007	-1.20	.10604	.001	1
S4	1.2500	1.2397	-.010	-.820	.21374	.001	1
S5	2.5000	2.5265	.027	1.06	.43652	.001	1

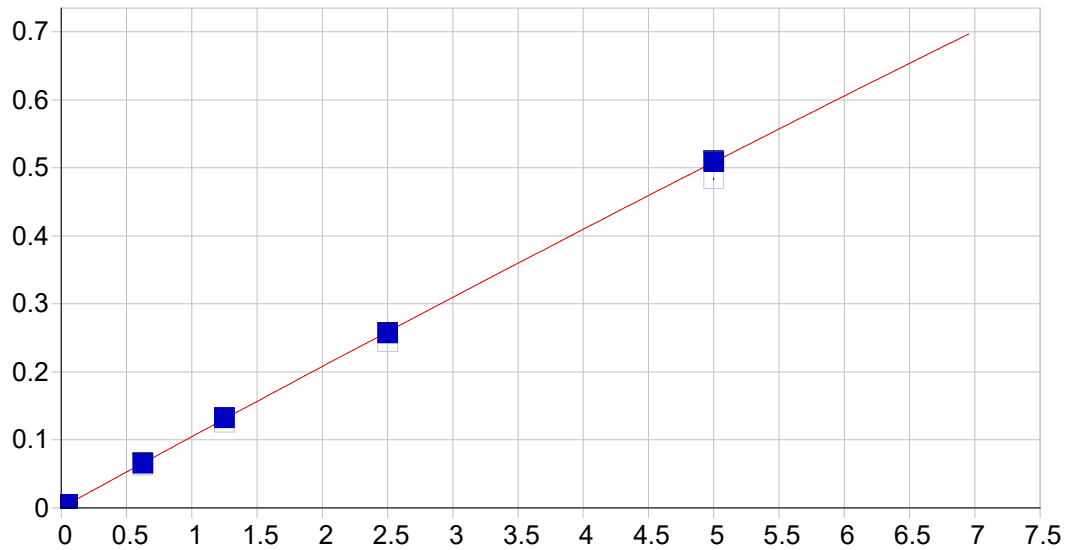


Na 818.326 { 41}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000386 Re-Slope: 1.000000
A1 (Gain): 0.003753 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999519 Status: OK.
Std Error of Est: 0.000362
Predicted MDL: 0.317178
Predicted MQL: 1.057260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00082	.001	.000	-.00038	.002	1
S1	5.0000	4.8067	-.193	-3.87	.01766	.001	1
S2	37.500	35.762	-1.74	-4.63	.13447	.000	1
S3	75.000	72.881	-2.12	-2.82	.27441	.000	1
S4	150.00	143.91	-6.09	-4.06	.54226	.003	1
S5	300.00	289.22	-10.8	-3.59	1.0902	.002	1
S6	800.00	820.91	20.9	2.61	3.0941	.012	1

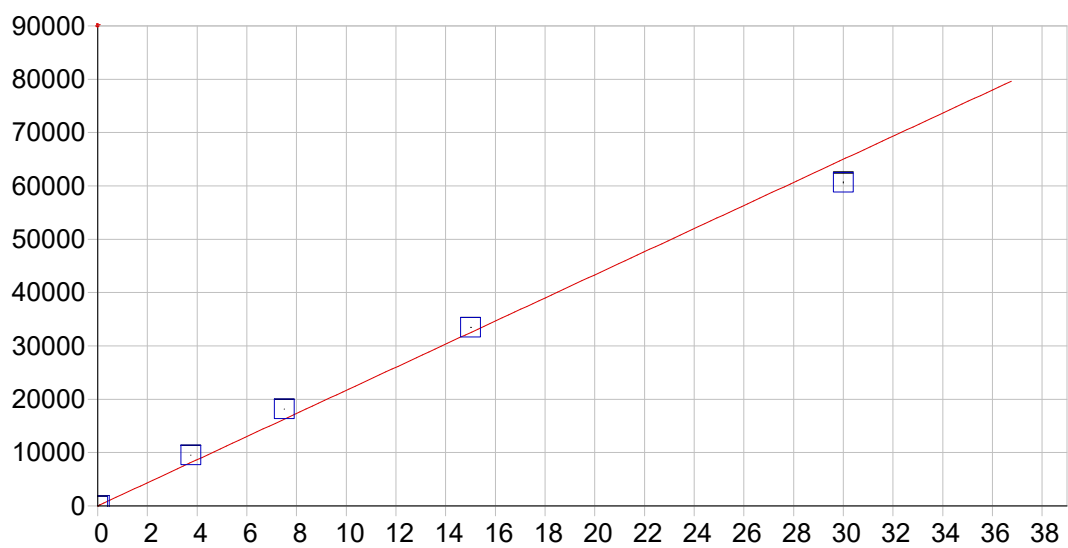


V 292.402 {115}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000184	Re-Slope:	1.000000
A1 (Gain):	0.105352	Y-int:	0.000000
A2 (Curvature):	-0.000738		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.002724		
Predicted MQL:	0.009081		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.05000	.05123	.001	2.47	.00557	.000	1
S2	.62500	.62329	-.002	-.273	.06241	.001	1
S3	1.2500	1.2633	.013	1.06	.12578	.001	1
S4	2.5000	2.4802	-.020	-.793	.24431	.001	1
S5	5.0000	5.0070	.007	.140	.48393	.001	1

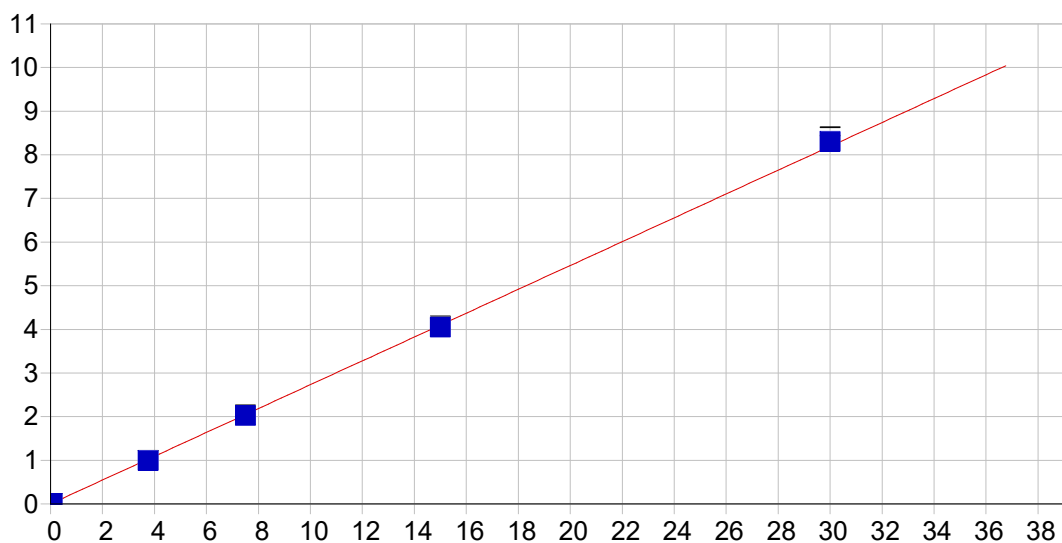


Zn 206.200 {464}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6.522181 Re-Slope: 1.000000
 A1 (Gain): 2166.094712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996794 Status: OK.
 Std Error of Est: 12.371262
 Predicted MDL: 0.000307
 Predicted MQL: 0.001025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	6.4495	.516	1
S1	.06000	.07849	.018	30.8	176.55	.740	1
S2	3.7500	4.3889	.639	17.0	9513.4	24.6	1
S3	7.5000	8.3771	.877	11.7	18152.	24.2	1
S4	15.000	15.455	.455	3.03	33483.	12.6	1
S5	30.000	28.011	-1.99	-6.63	60681.	120.	1

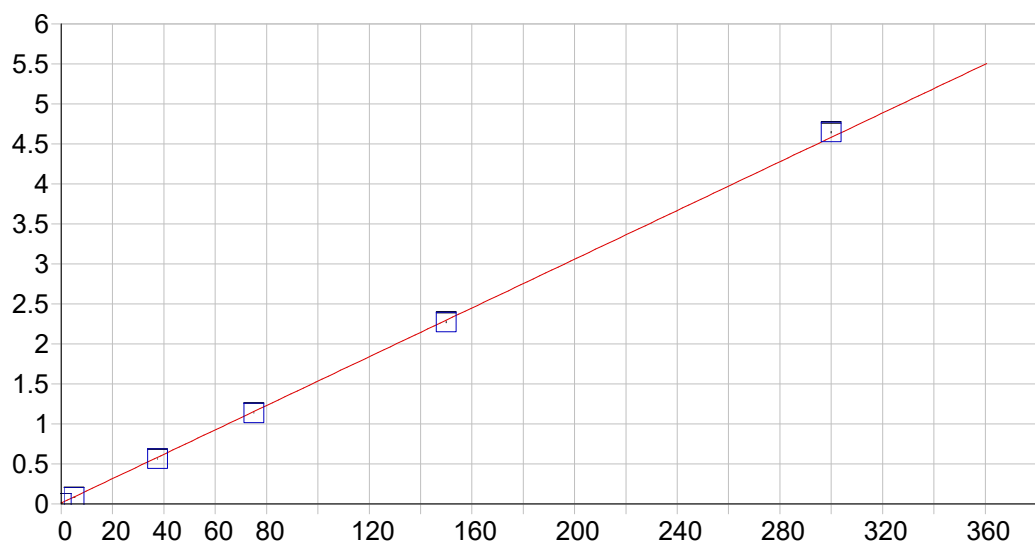


Zn 213.856 {158}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335 Re-Slope: 1.000000
 A1 (Gain): 0.273154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000290
 Predicted MDL: 0.001629
 Predicted MQL: 0.005431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.06000	.06140	.001	2.34	.01715	.000	1
S2	3.7500	3.6322	-.118	-3.14	.99416	.006	1
S3	7.5000	7.3997	-.100	-1.34	2.0249	.011	1
S4	15.000	14.819	-.181	-1.21	4.0549	.019	1
S5	30.000	30.398	.398	1.33	8.3170	.094	1

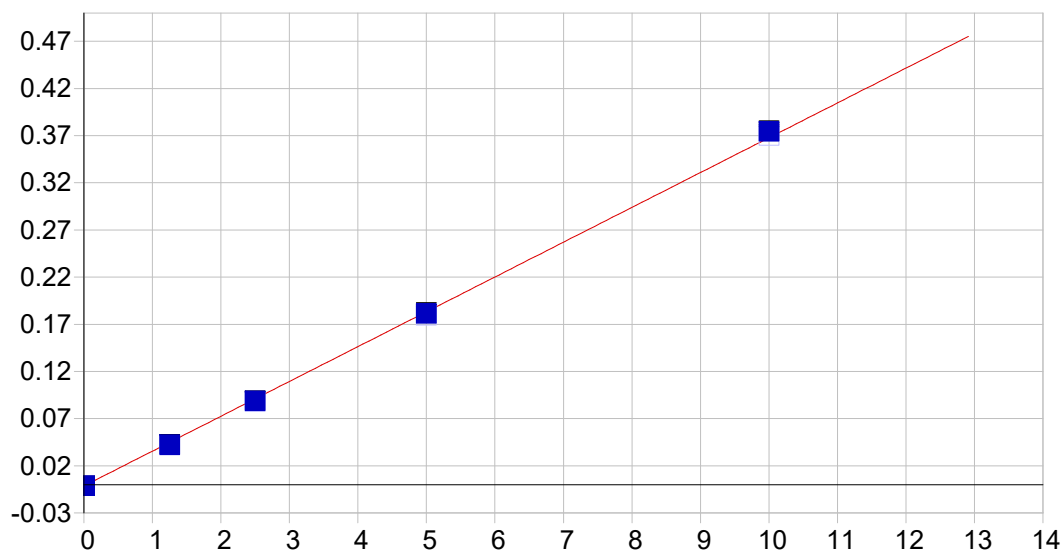


K 769.896 { 44 }

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.011060	Re-Slope:	1.000000
A1 (Gain):	0.015237	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000512		
Predicted MDL:	0.071745		
Predicted MQL:	0.239150		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	.01107	.001	1
S1	5.0000	4.7755	-.224	-4.49	.08382	.001	1
S2	37.500	36.184	-1.32	-3.51	.56239	.001	1
S3	75.000	73.873	-1.13	-1.50	1.1366	.002	1
S4	150.00	148.40	-1.60	-1.06	2.2722	.006	1
S5	300.00	304.26	4.26	1.42	4.6471	.011	1

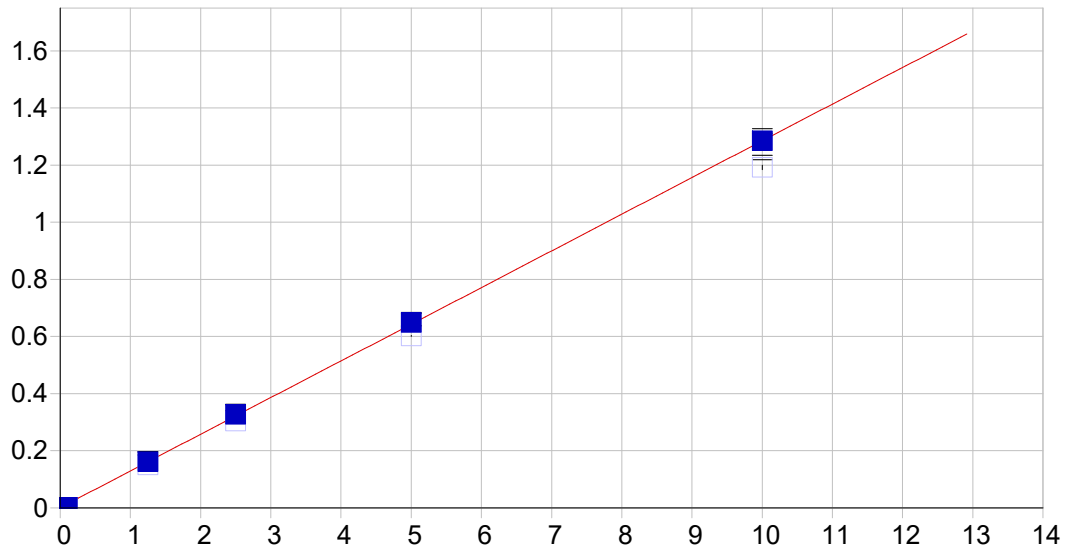


P 177.495 {490}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001379 Re-Slope: 1.000000
 A1 (Gain): 0.036915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002690
 Predicted MQL: 0.008966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00138	.000	1
S1	.01000	.00978	-.000	-2.24	-.00102	.000	1
S2	1.2500	1.1792	-.071	-5.67	.04163	.000	1
S3	2.5000	2.4390	-.061	-2.44	.08762	.000	1
S4	5.0000	4.9556	-.044	-.888	.17949	.001	1
S5	10.000	10.176	.176	1.76	.37015	.001	1

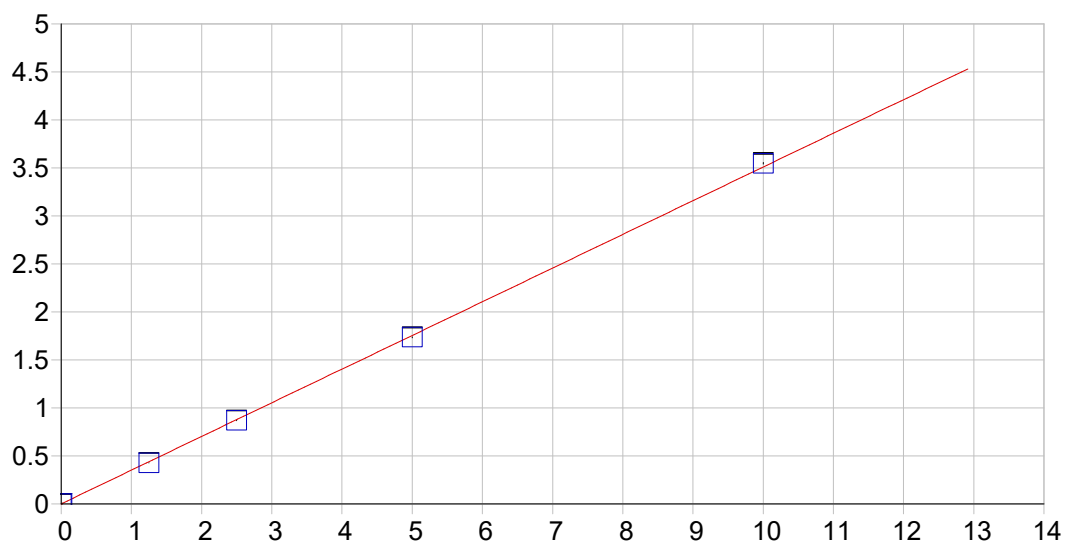


B 249.678 {135}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001002 Re-Slope: 1.000000
 A1 (Gain): 0.128408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997830 Status: OK.
 Std Error of Est: 0.000418
 Predicted MDL: 0.002093
 Predicted MQL: 0.006977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00101	.000	1
S1	.10000	.01664	-.083	-83.4	.00311	.000	1
S2	1.2500	1.2529	.003	.234	.15024	.000	1
S3	2.5000	2.5424	.042	1.70	.30417	.001	1
S4	5.0000	5.0425	.043	.851	.60191	.002	1
S5	10.000	10.002	.002	.018	1.1921	.008	1

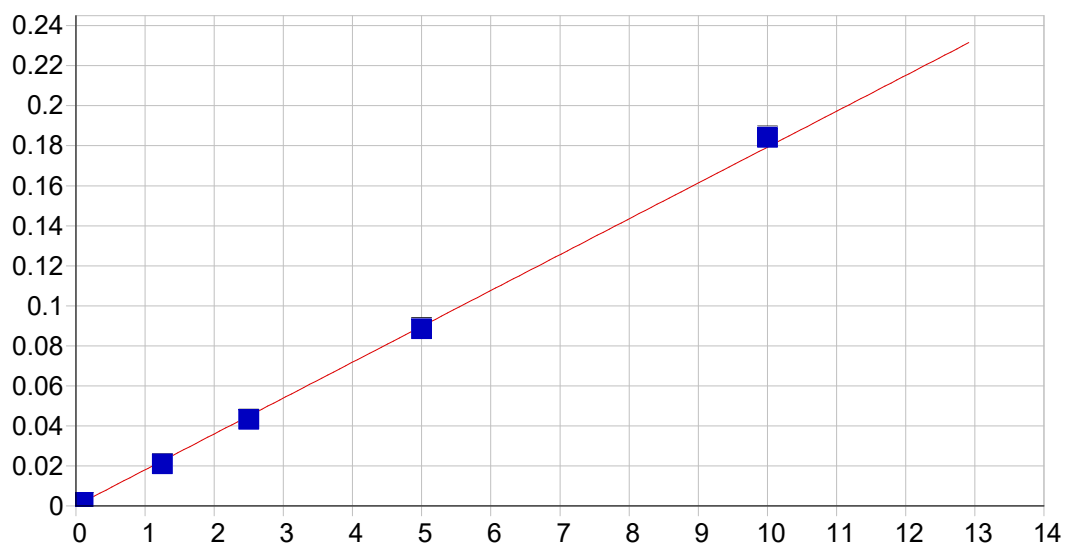


Mo 202.030 {467}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000774	Re-Slope:	1.000000
A1 (Gain):	0.350835	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999827	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.000530		
Predicted MQL:	0.001766		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00077	.000	1
S1	.01000	.01592	.006	59.2	.00636	.000	1
S2	1.2500	1.2172	-.033	-2.63	.42780	.002	1
S3	2.5000	2.4740	-.026	-1.04	.86874	.003	1
S4	5.0000	4.9431	-.057	-1.14	1.7350	.004	1
S5	10.000	10.110	.110	1.10	3.5476	.008	1

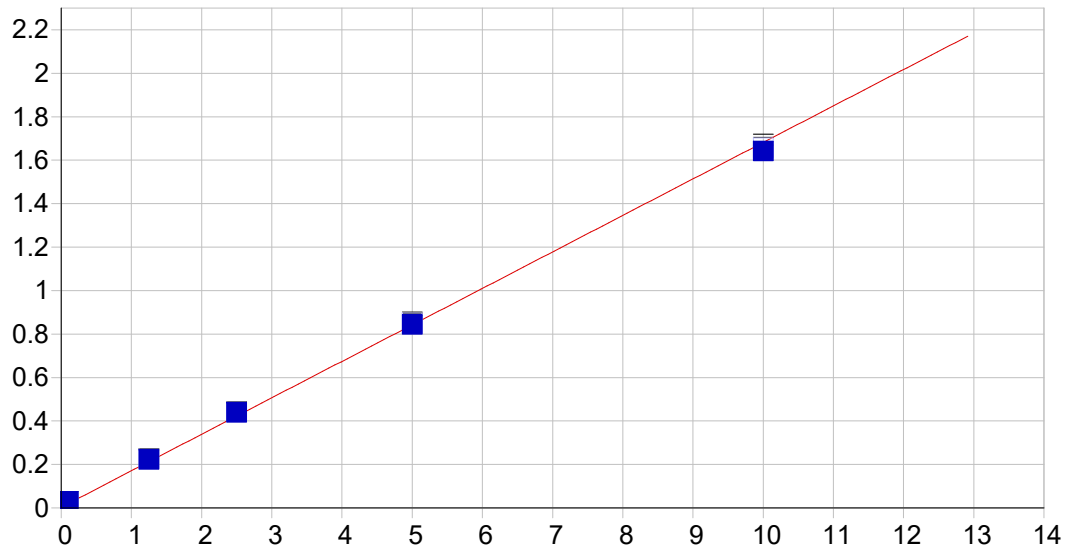


S 182.034 {485}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.017915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.005263
 Predicted MQL: 0.017543

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00015	.000	1
S1	.10000	.09091	-.009	-9.09	.00177	.000	1
S2	1.2500	1.1586	-.091	-7.31	.02095	.000	1
S3	2.5000	2.4000	-.100	-4.00	.04324	.000	1
S4	5.0000	4.9313	-.069	-1.37	.08868	.000	1
S5	10.000	10.269	.269	2.69	.18450	.000	1

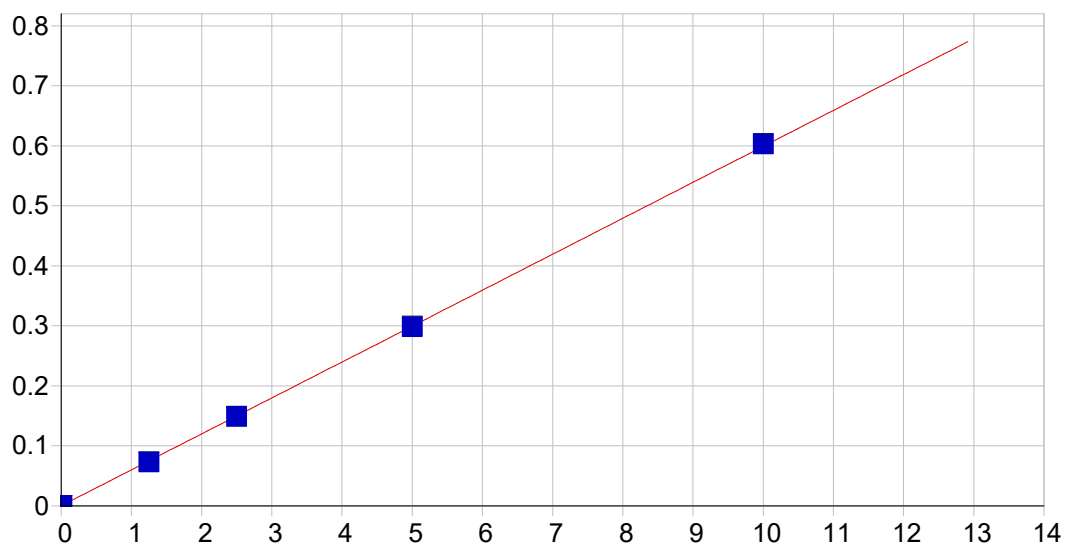


Si 251.611 {134}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002847 Re-Slope: 1.000000
 A1 (Gain): 0.167877 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998414 Status: OK.
 Std Error of Est: 0.000508
 Predicted MDL: 0.001867
 Predicted MQL: 0.006225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00283	.000	1
S1	.10000	.16956	.070	69.6	.03137	.000	1
S2	1.2500	1.3117	.062	4.94	.22491	.002	1
S3	2.5000	2.5965	.096	3.86	.44245	.001	1
S4	5.0000	5.0125	.012	.249	.85175	.004	1
S5	10.000	9.7601	-.240	-2.40	1.6562	.018	1

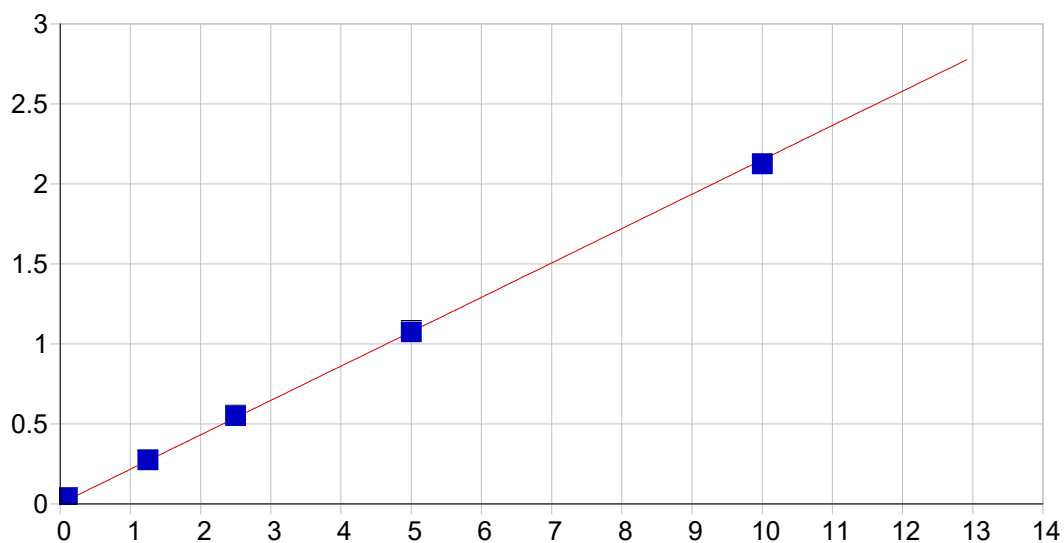


Sn 189.989 {478}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000191	Re-Slope:	1.000000
A1 (Gain):	0.059878	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.001784		
Predicted MQL:	0.005947		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.00700	.01081	.004	54.4	.00083	.000	1
S2	1.2500	1.2138	-.036	-2.89	.07272	.000	1
S3	2.5000	2.4805	-.020	-.782	.14841	.001	1
S4	5.0000	4.9828	-.017	-.344	.29793	.001	1
S5	10.000	10.069	.069	.692	.60187	.001	1

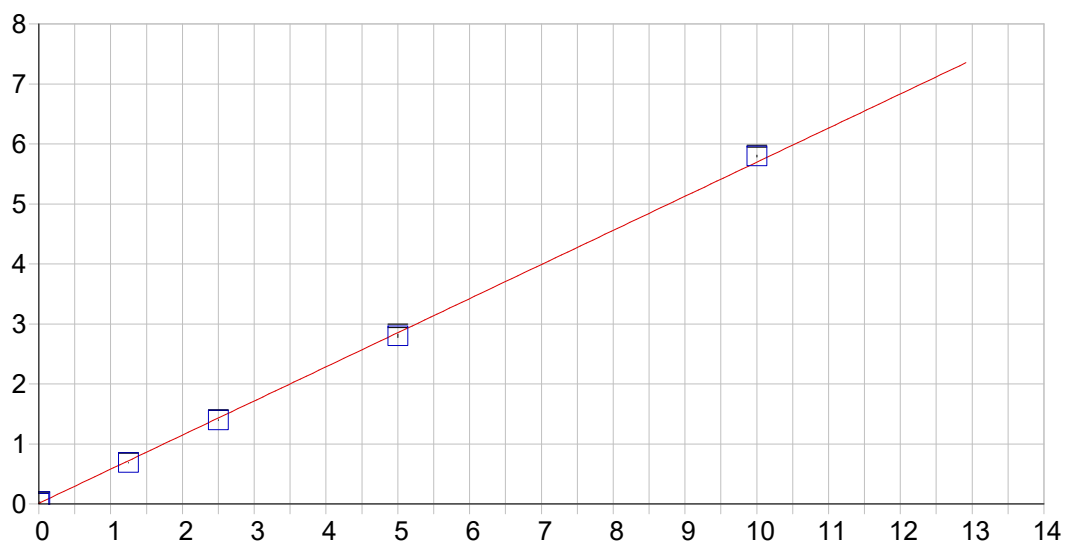


Ti 336.121 {100}

Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001981	Re-Slope:	1.000000
A1 (Gain):	0.214832	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998618	Status:	OK.
Std Error of Est:	0.000601		
Predicted MDL:	0.002002		
Predicted MQL:	0.006673		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00197	.000	1
S1	.10000	.17034	.070	70.3	.03857	.001	1
S2	1.2500	1.2638	.014	1.10	.27339	.001	1
S3	2.5000	2.5490	.049	1.96	.54939	.004	1
S4	5.0000	4.9899	-.010	-.203	1.0736	.011	1
S5	10.000	9.8770	-.123	-1.23	2.1232	.002	1

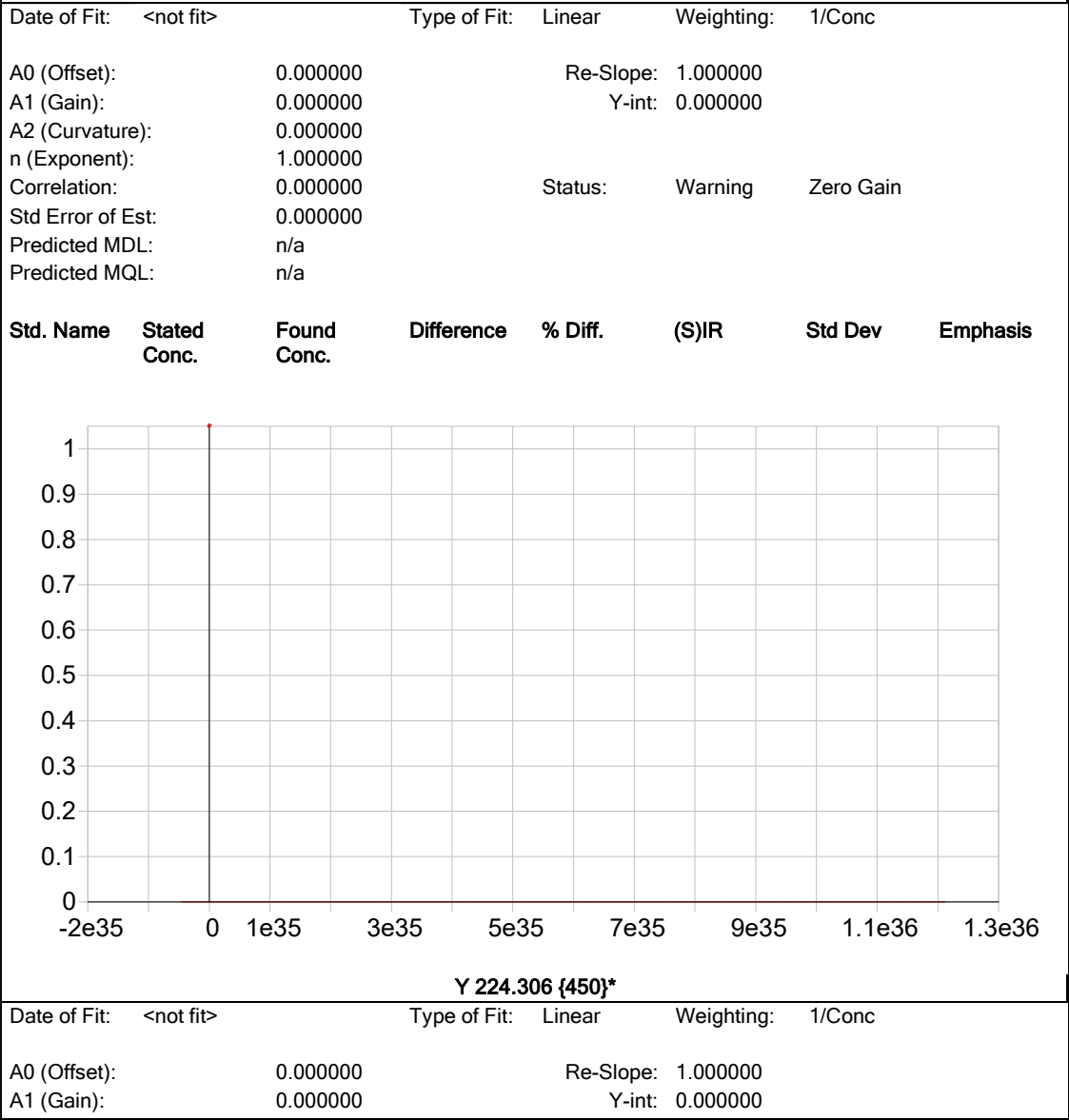
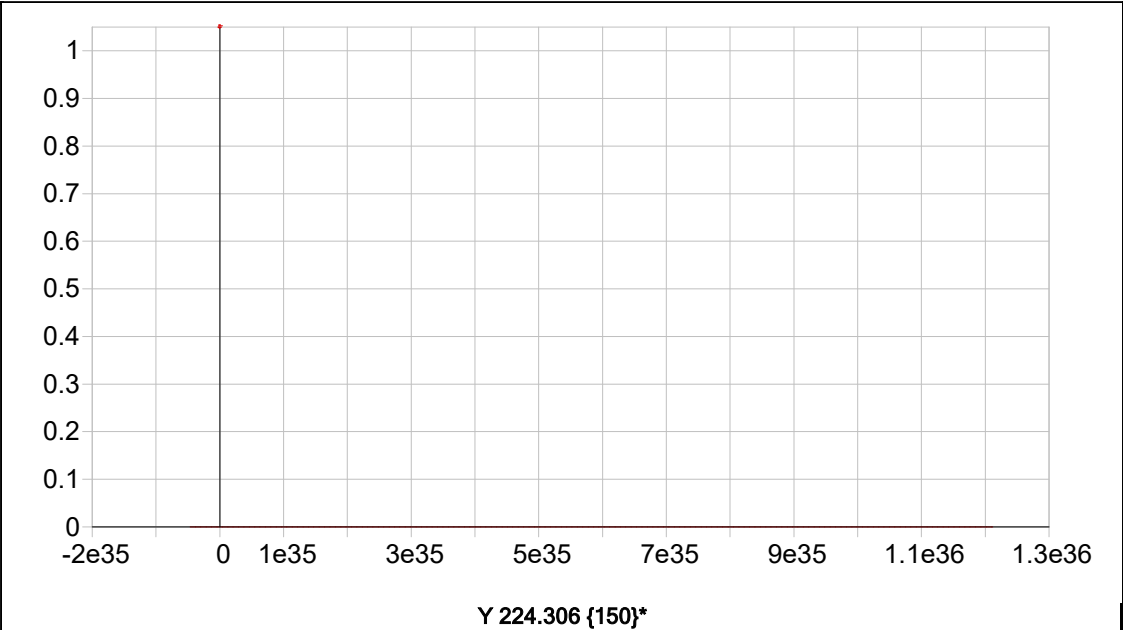


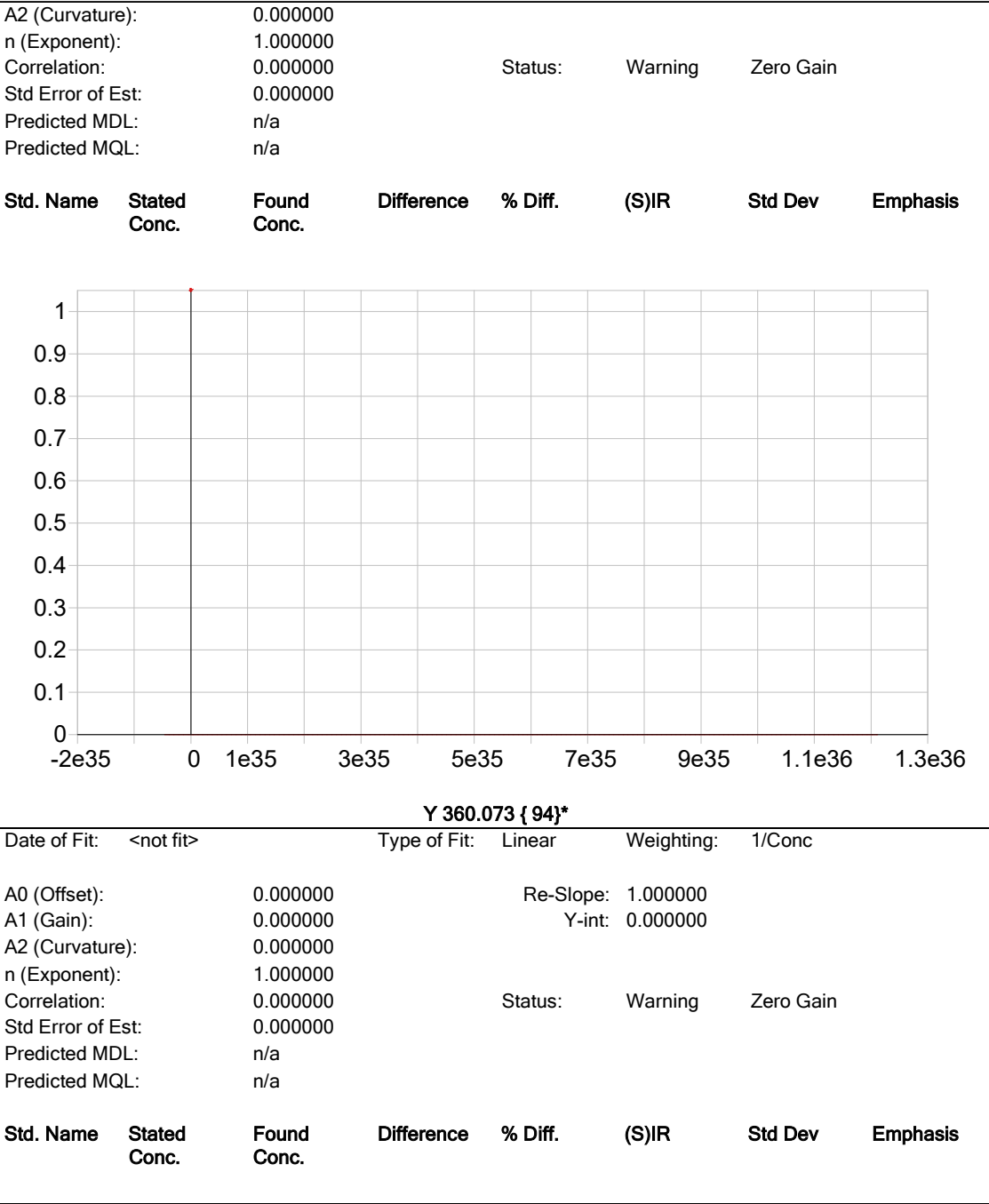
Li 670.784 { 50}

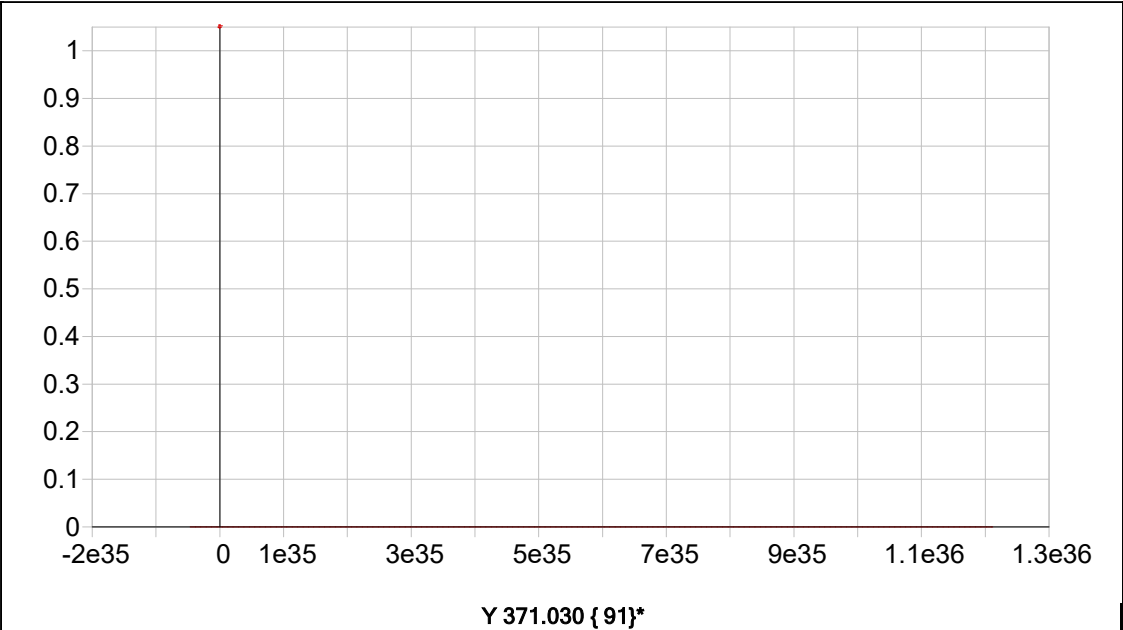
Date of Fit: 04/01/2019 13:02:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010072 Re-Slope: 1.000000
 A1 (Gain): 0.568560 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998206 Status: OK.
 Std Error of Est: 0.000700
 Predicted MDL: 0.002163
 Predicted MQL: 0.007211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01006	.001	1
S5	10.000	10.180	.180	1.80	5.7979	.018	1
S4	5.0000	4.9113	-.089	-1.77	2.8024	.027	1
S3	2.5000	2.4408	-.059	-2.37	1.3978	.007	1
S2	1.2500	1.1886	-.061	-4.91	.68586	.004	1
S1	.01500	.04456	.030	197.	.03541	.001	1



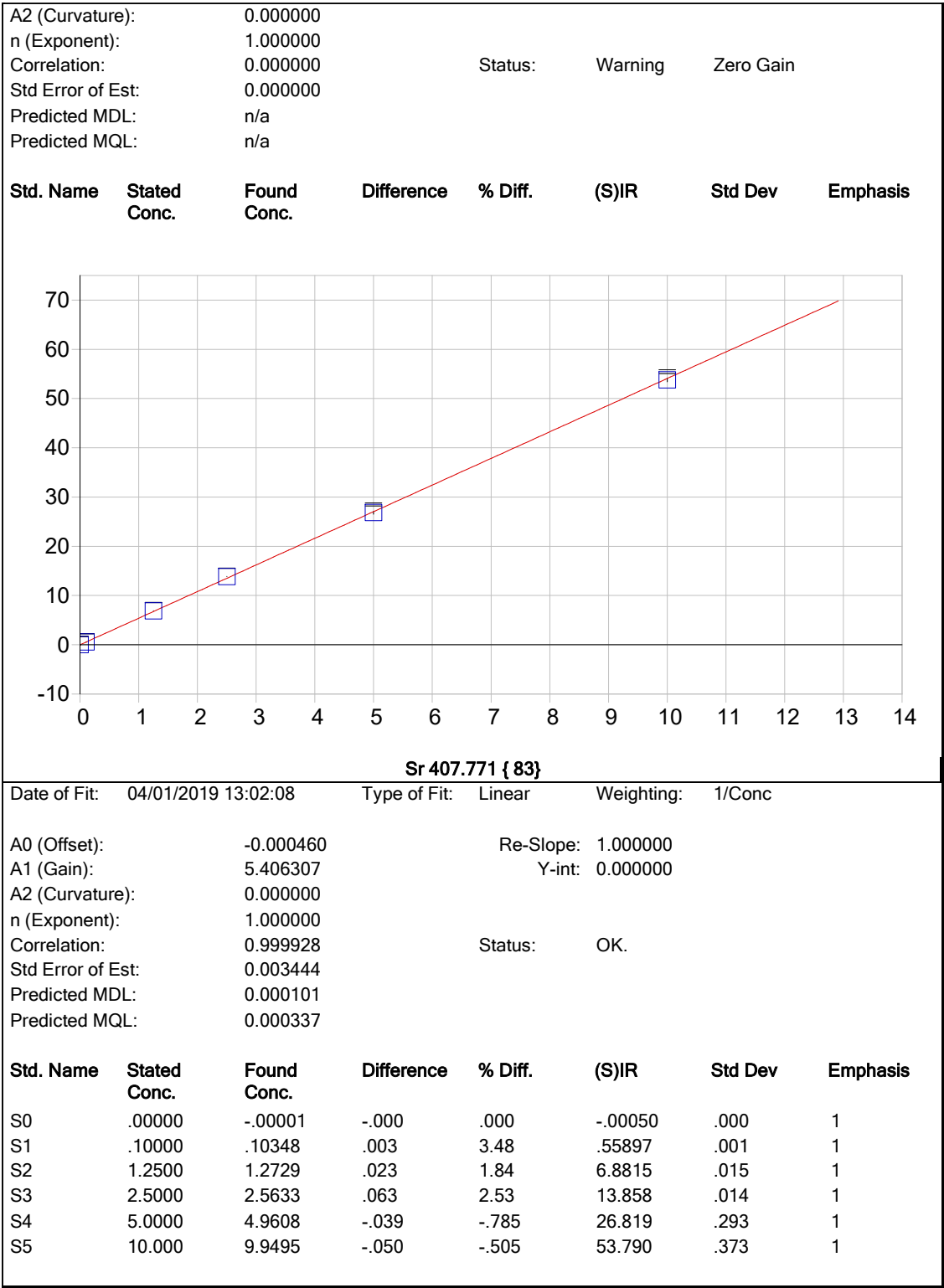




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
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: 04/01/2019 12:28:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.00053	-.00100	.00059	.00071	.00088	.00407	.00376	-.00336
Stddev	.00009	.00008	.00025	.00012	.00016	.00050	.00085	.00044
%RSD	17.860	7.7438	42.423	16.515	17.816	12.298	22.744	13.200
#1	-.00057	-.00108	.00048	.00083	.00099	.00388	.00344	-.00387
#2	-.00060	-.00096	.00041	.00073	.00094	.00463	.00311	-.00306
#3	-.00042	-.00094	.00087	.00059	.00070	.00369	.00473	-.00316
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	.00032	.00060	.00004	-.00068	.00229	.00072	.00040	-.00014
Stddev	.00022	.00076	.00008	.00039	.00035	.00006	.00011	.00002
%RSD	67.088	127.08	172.83	57.071	15.138	7.9879	27.360	17.272
#1	.00056	-.00028	-.00001	-.00102	.00191	.00066	.00052	-.00015
#2	.00027	.00106	.00013	-.00077	.00258	.00073	.00033	-.00011
#3	.00014	.00101	.00001	-.00026	.00238	.00078	.00034	-.00015
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	-.00310	-.00085	-.00038	.00018	.00034	.01107	-.00138	.00101
Stddev	.00038	.00002	.00157	.00015	.00010	.00076	.00001	.00018
%RSD	12.148	2.5530	409.27	83.439	29.816	6.8229	.73766	17.392
#1	-.00323	-.00083	.00140	.00034	.00041	.01023	-.00139	.00107
#2	-.00340	-.00085	-.00099	.00018	.00022	.01127	-.00137	.00116
#3	-.00268	-.00087	-.00156	.00003	.00037	.01170	-.00138	.00082
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	.00077	.00015	.00283	.00019	.00197	.01006	-.00050	
Stddev	.00015	.00006	.00010	.00001	.00031	.00091	.00028	
%RSD	20.034	41.995	3.6960	5.0687	15.773	9.0859	55.591	
#1	.00081	.00008	.00273	.00018	.00230	.01084	-.00038	
#2	.00091	.00020	.00284	.00019	.00190	.00905	-.00081	
#3	.00060	.00015	.00294	.00020	.00170	.01028	-.00029	

Sample Name: S0 Acquired: 04/01/2019 12:28:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2800.7	3808.4	59919.	11818.	4525.6
Stddev	8.4	2.0	144.	44.	9.6
%RSD	.30047	.05297	.23971	.37307	.21112
#1	2791.0	3807.3	59755.	11791.	4517.2
#2	2806.4	3807.2	59979.	11794.	4523.6
#3	2804.6	3810.7	60023.	11869.	4536.0

Sample Name: S1 Acquired: 04/01/2019 12:32:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.00014	.00048	.00242	.00195	.00827	.01706	.47977	.01621
Stddev	.00004	.00003	.00008	.00005	.00013	.00037	.00576	.00020
%RSD	25.459	6.8894	3.2882	2.7737	1.5663	2.1732	1.2000	1.2194

#1	-.00016	.00049	.00249	.00189	.00840	.01670	.47319	.01623
#2	-.00010	.00044	.00233	.00197	.00827	.01704	.48230	.01601
#3	-.00016	.00051	.00243	.00200	.00814	.01744	.48384	.01640

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	.01098	.23224	.00162	.02802	.00628	.00329	.00848	.03952
Stddev	.00008	.00205	.00004	.00031	.00017	.00002	.00017	.00048
%RSD	.72183	.88162	2.1687	1.1057	2.6324	.66079	1.9720	1.2246

#1	.01106	.23039	.00163	.02830	.00614	.00327	.00838	.03896
#2	.01095	.23190	.00165	.02769	.00646	.00331	.00839	.03978
#3	.01091	.23444	.00158	.02807	.00625	.00329	.00868	.03982

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	.02005	.00096	.01766	.00557	.01715	.08382	-.00102	.00311
Stddev	.00037	.00010	.00115	.00017	.00035	.00110	.00006	.00010
%RSD	1.8233	10.647	6.5095	2.9677	2.0143	1.3160	5.9077	3.0829

#1	.02040	.00089	.01652	.00573	.01741	.08276	-.00108	.00319
#2	.02009	.00092	.01882	.00557	.01730	.08374	-.00101	.00314
#3	.01967	.00108	.01763	.00540	.01676	.08496	-.00096	.00301

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	.00636	.00177	.03137	.00083	.03857	.03541	.55897	
Stddev	.00001	.00005	.00025	.00002	.00071	.00135	.00138	
%RSD	.17732	2.7787	.80972	2.5280	1.8385	3.8074	.24649	

#1	.00636	.00174	.03149	.00081	.03786	.03386	.55738	
#2	.00637	.00183	.03108	.00082	.03857	.03602	.55990	
#3	.00635	.00176	.03154	.00085	.03928	.03634	.55961	

Sample Name: S1 Acquired: 04/01/2019 12:32:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2799.7	3806.1	59802.	11775.	4554.6
Stddev	10.0	2.5	327.	110.	.5
%RSD	.35772	.06648	.54707	.93246	.01141
#1	2803.2	3808.3	60017.	11884.	4554.8
#2	2788.4	3806.6	59425.	11776.	4554.0
#3	2807.5	3803.4	59964.	11664.	4555.0

Sample Name: S2 Acquired: 04/01/2019 12:36:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.04393	.08177	1.1707	.05130	.15083	2.6005	5.8622	.50226
Stddev	.00023	.00028	.0029	.00013	.00092	.0069	.0110	.00453
%RSD	.52735	.33983	.24660	.25959	.60879	.26565	.18690	.90198

#1	.04372	.08152	1.1674	.05116	.14979	2.6040	5.8514	.50026
#2	.04389	.08173	1.1725	.05133	.15117	2.6051	5.8733	.50744
#3	.04417	.08207	1.1722	.05142	.15154	2.5926	5.8618	.49907

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	1.3904	2.7698	.56614	.35477	.55711	.83570	1.9030	.47685
Stddev	.0025	.0095	.00162	.00035	.00157	.00241	.0052	.00228
%RSD	.18206	.34196	.28683	.09948	.28229	.28811	.27490	.47764

#1	1.3875	2.7601	.56541	.35436	.55842	.83397	1.8979	.47465
#2	1.3922	2.7790	.56800	.35494	.55756	.83845	1.9084	.47920
#3	1.3915	2.7703	.56500	.35500	.55537	.83468	1.9028	.47670

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	.34175	.05163	.13447	.06241	.99416	.56239	.04163	.15024
Stddev	.00096	.00031	.00029	.00060	.00561	.00090	.00033	.00044
%RSD	.28116	.60908	.21851	.96563	.56396	.16048	.78977	.29163

#1	.34074	.05167	.13470	.06304	.99014	.56329	.04125	.15040
#2	.34189	.05193	.13414	.06234	.99177	.56239	.04180	.15057
#3	.34264	.05130	.13456	.06184	1.0006	.56148	.04185	.14974

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	.42780	.02095	.22491	.07272	.27339	.68586	6.8815	
Stddev	.00198	.00005	.00190	.00011	.00142	.00382	.0152	
%RSD	.46397	.23010	.84553	.15596	.51784	.55667	.22042	

#1	.42647	.02098	.22477	.07284	.27493	.68151	6.8959	
#2	.42685	.02097	.22687	.07270	.27309	.68745	6.8829	
#3	.43008	.02089	.22308	.07262	.27215	.68863	6.8657	

Sample Name: S2 Acquired: 04/01/2019 12:36:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2710.6	3664.2	58884.	11596.	4282.3
Stddev	27.2	14.2	354.	57.	12.8
%RSD	1.0039	.38719	.60043	.49189	.30002
#1	2695.7	3679.2	58537.	11533.	4296.8
#2	2742.0	3662.3	59243.	11644.	4272.2
#3	2694.1	3651.0	58872.	11611.	4278.0

Sample Name: S3 Acquired: 04/01/2019 12:40:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.08949	.16481	2.3634	.10188	.30306	5.2826	11.873	1.0079
Stddev	.00003	.00053	.0061	.00041	.00039	.0109	.061	.0046
%RSD	.02907	.31965	.25996	.39841	.12816	.20710	.51767	.45352

#1	.08949	.16420	2.3564	.10187	.30345	5.2743	11.824	1.0030
#2	.08951	.16508	2.3659	.10147	.30267	5.2786	11.854	1.0086
#3	.08946	.16515	2.3678	.10229	.30307	5.2950	11.942	1.0120

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	2.7956	5.6251	1.1206	.72221	1.1103	1.6662	3.8212	.96999
Stddev	.0064	.0411	.0014	.00132	.0013	.0059	.0228	.00385
%RSD	.22823	.73050	.12892	.18334	.11882	.35454	.59781	.39647

#1	2.7891	5.5859	1.1221	.72092	1.1102	1.6650	3.8035	.96702
#2	2.7959	5.6215	1.1193	.72215	1.1091	1.6609	3.8130	.96863
#3	2.8019	5.6679	1.1203	.72356	1.1117	1.6726	3.8470	.97434

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	.69395	.10604	.27441	.12578	2.0249	1.1366	.08762	.30417
Stddev	.00186	.00080	.00029	.00057	.0108	.0020	.00018	.00057
%RSD	.26849	.75301	.10423	.45468	.53267	.17697	.20121	.18876

#1	.69197	.10617	.27471	.12543	2.0229	1.1358	.08778	.30366
#2	.69419	.10518	.27414	.12547	2.0153	1.1389	.08743	.30404
#3	.69567	.10676	.27439	.12644	2.0366	1.1352	.08766	.30479

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	.86874	.04324	.44245	.14841	.54939	1.3978	13.858	
Stddev	.00332	.00006	.00094	.00067	.00407	.0073	.014	
%RSD	.38173	.13729	.21161	.45306	.74149	.52299	.09883	

#1	.86941	.04325	.44198	.14767	.54531	1.3937	13.872	
#2	.86514	.04317	.44185	.14899	.54942	1.3934	13.845	
#3	.87167	.04329	.44353	.14856	.55345	1.4062	13.856	

Sample Name: S3 Acquired: 04/01/2019 12:40:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2613.1	3520.4	57538.	11358.	4061.9
Stddev	7.3	10.5	244.	29.	15.6
%RSD	.28060	.29917	.42460	.25693	.38411
#1	2613.4	3527.9	57387.	11388.	4078.9
#2	2620.2	3525.0	57820.	11356.	4058.8
#3	2605.5	3508.4	57407.	11330.	4048.2

Sample Name: S4 Acquired: 04/01/2019 12:44:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.18079	.32227	4.7210	.19842	.60408	10.579	23.335	1.9673
Stddev	.00024	.00126	.0057	.00051	.00156	.047	.222	.0066
%RSD	.13068	.39099	.12043	.25771	.25835	.44348	.95046	.33663

#1	.18061	.32082	4.7145	.19822	.60293	10.598	23.496	1.9729
#2	.18071	.32309	4.7242	.19803	.60345	10.525	23.082	1.9600
#3	.18106	.32291	4.7244	.19900	.60586	10.613	23.428	1.9690

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	5.5223	10.979	2.1797	1.4384	2.1711	3.2225	7.4124	1.9138
Stddev	.0035	.139	.0023	.0017	.0103	.0203	.0781	.0131
%RSD	.06324	1.2668	.10645	.11894	.47258	.63034	1.0536	.68393

#1	5.5183	11.086	2.1785	1.4365	2.1772	3.2362	7.4684	1.9223
#2	5.5241	10.822	2.1783	1.4398	2.1592	3.1992	7.3232	1.8988
#3	5.5245	11.031	2.1824	1.4390	2.1768	3.2322	7.4456	1.9204

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	1.3744	.21374	.54226	.24431	4.0549	2.2722	.17949	.60191
Stddev	.0023	.00066	.00308	.00116	.0189	.0063	.00074	.00178
%RSD	.16444	.30855	.56831	.47350	.46500	.27539	.41041	.29628

#1	1.3725	.21374	.54292	.24517	4.0719	2.2781	.17865	.60291
#2	1.3737	.21308	.53891	.24299	4.0346	2.2657	.17981	.59985
#3	1.3769	.21440	.54496	.24477	4.0581	2.2729	.18001	.60296

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	1.7350	.08868	.85175	.29793	1.0736	2.8024	26.819
Stddev	.0042	.00035	.00382	.00083	.0105	.0272	.293
%RSD	.24248	.39022	.44801	.27990	.97822	.96977	1.0925

#1	1.7324	.08874	.85315	.29707	1.0807	2.8172	27.106
#2	1.7327	.08830	.84744	.29800	1.0615	2.7711	26.520
#3	1.7399	.08899	.85467	.29873	1.0786	2.8190	26.830

Sample Name: S4 Acquired: 04/01/2019 12:44:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2502.4	3347.4	56418.	11240.	3815.5
Stddev	7.6	2.2	158.	65.	2.5
%RSD	.30350	.06481	.28072	.57574	.06514
#1	2494.1	3349.5	56295.	11178.	3817.6
#2	2503.9	3347.5	56597.	11307.	3812.8
#3	2509.1	3345.1	56362.	11235.	3816.1

Sample Name: S5 Acquired: 04/01/2019 12:48:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.37392	.63347	9.5312	.39445	1.2451	21.505	46.777	3.8597
Stddev	.00073	.00168	.0348	.00023	.0009	.016	.780	.0210
%RSD	.19453	.26522	.36555	.05795	.07308	.07628	1.6681	.54497

#1	.37462	.63160	9.4909	.39471	1.2441	21.487	45.972	3.8670
#2	.37317	.63394	9.5515	.39435	1.2455	21.511	46.829	3.8359
#3	.37398	.63486	9.5511	.39429	1.2458	21.518	47.530	3.8760

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	10.987	21.695	4.2695	2.8978	4.3207	6.3078	14.528	3.8457
Stddev	.013	.060	.0094	.0043	.0077	.0222	.057	.0122
%RSD	.11641	.27739	.22056	.14848	.17837	.35281	.39200	.31813

#1	10.973	21.700	4.2661	2.8928	4.3149	6.2945	14.519	3.8426
#2	10.997	21.632	4.2622	2.8998	4.3176	6.2954	14.476	3.8353
#3	10.992	21.752	4.2801	2.9007	4.3294	6.3335	14.588	3.8592

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	2.7490	.43652	1.0902	.48393	8.3170	4.6471	.37015	1.1921
Stddev	.0031	.00082	.0020	.00114	.0940	.0106	.00095	.0079
%RSD	.11408	.18774	.18083	.23584	1.1300	.22694	.25678	.66299

#1	2.7454	.43595	1.0880	.48420	8.3078	4.6437	.36997	1.1894
#2	2.7514	.43615	1.0918	.48268	8.4153	4.6386	.36931	1.1859
#3	2.7500	.43746	1.0908	.48492	8.2280	4.6589	.37118	1.2010

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	3.5476	.18450	1.6562	.60187	2.1232	5.7979	53.790	
Stddev	.0083	.00045	.0179	.00064	.0018	.0178	.373	
%RSD	.23437	.24546	1.0798	.10668	.08255	.30633	.69347	

#1	3.5564	.18440	1.6535	.60248	2.1229	5.8025	53.582	
#2	3.5467	.18410	1.6398	.60193	2.1215	5.7783	53.567	
#3	3.5399	.18499	1.6753	.60120	2.1250	5.8129	54.220	

Sample Name: S5 Acquired: 04/01/2019 12:48:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2340.2	3089.5	54695.	11089.	3519.7
Stddev	24.6	10.7	235.	39.	7.2
%RSD	1.0514	.34781	.43003	.34755	.20522
#1	2343.3	3079.3	54866.	11125.	3515.6
#2	2314.2	3088.4	54427.	11094.	3515.5
#3	2363.1	3100.8	54793.	11048.	3528.1

Sample Name: S6 Acquired: 04/01/2019 12:52:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	57.139	36.031	17.131	6.6017	3.0941
Stddev	.525	.295	.060	.0267	.0117
%RSD	.91913	.81871	.34814	.40420	.37877

#1	56.841	35.911	17.116	6.5940	3.0809
#2	57.746	36.367	17.081	6.5797	3.0983
#3	56.832	35.814	17.197	6.6313	3.1032

Int. Std.	Y_3710
Units	Cts/S
Avg	10834.
Stddev	10.
%RSD	.08923

#1	10845.
#2	10826.
#3	10831.

Sample Name: ICV Acquired: 04/01/2019 12:57:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.9204803	1.037168	.9707467	.9733987	1.011603	2.341117
Stddev	.0038686	.003762	.0050179	.0038682	.003644	.012409
%RSD	.4202805	.3627438	.5169072	.3973865	.3602683	.5300300

#1	.9179688	1.036055	.9657341	.9737471	1.009910	2.338089
#2	.9249353	1.041361	.9757698	.9770809	1.015787	2.354760
#3	.9185368	1.034088	.9707363	.9693681	1.009114	2.330503

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5263319	.5044190	.4813169	10.57086	.5282343	.5107483
Stddev	.0041454	.0006240	.0009160	.08890	.0018418	.0008842
%RSD	.7876018	.1237083	.1903086	.8409997	.3486727	.1731152

#1	.5281837	.5051180	.4803445	10.57435	.5301090	.5102537
#2	.5292286	.5039180	.4821635	10.65796	.5281665	.5117691
#3	.5215833	.5042210	.4814428	10.48026	.5264273	.5102221

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400139	5.492257	.5259150	6.079513	.5245422	.4877893
Stddev	.0011299	.062800	.0047791	.046359	.0006542	.0035058
%RSD	.2092364	1.143422	.9087262	.7625479	.1247282	.7187051

#1	.5407008	5.459367	.5286592	6.065382	.5252857	.4918337
#2	.5406311	5.564671	.5286893	6.131293	.5240541	.4856162
#3	.5387099	5.452733	.5203966	6.041864	.5242870	.4859180

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54303	.5473211	1.010157	10.34713	F 2.558658	4.728737
Stddev	.16988	.0018177	.006790	.09437	.014438	.021363
%RSD	1.611258	.3321066	.6721509	.9120823	.5642795	.4517768

#1	10.35275	.5458308	1.002930	10.30273	2.542110	4.750762
#2	10.59691	.5493462	1.016404	10.45552	2.565175	4.727345
#3	10.67944	.5467862	1.011136	10.28315	2.568688	4.708104

Sample Name: ICV Acquired: 04/01/2019 12:57:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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 4.334276	F 2.459910	4.551486	F 4.228633	4.530971	F 2.607636
Stddev	.006628	.008235	.023209	.009827	.031573	.022130
%RSD	.1529208	.3347577	.5099205	.2323873	.6968164	.8486784
#1	4.337393	2.452647	4.576526	4.221306	4.528098	2.611847
#2	4.326664	2.458228	4.547236	4.224793	4.563883	2.627359
#3	4.338770	2.468857	4.530696	4.239800	4.500934	2.583703

Elem	Sr4077
Units	ppm
Avg	F 2.749446
Stddev	.006145
%RSD	.2235021
#1	2.742823
#2	2.754963
#3	2.750552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.843	3740.470	59038.17	11596.87	4488.761
Stddev	19.298	1.757	435.84	90.25	6.076
%RSD	.6994950	.0469742	.7382287	.7782044	.1353543
#1	2763.670	3738.488	58944.25	11598.63	4491.715
#2	2737.590	3741.838	58656.95	11505.75	4481.773
#3	2775.269	3741.083	59513.31	11686.22	4492.795

Sample Name: ICB Acquired: 04/01/2019 13:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0001336	.0000916	-.000368	-.001359	-.001232	-.003019	.0001892
Stddev	.0035275	.0013809	.000878	.001278	.000638	.002643	.0004071
%RSD	2639.652	1508.082	238.3155	93.98726	51.75310	87.54864	215.1449

#1	-.002701	-.001178	.000549	-.002319	-.000660	-.002674	.0002944
#2	-.000982	-.000110	-.000454	.000091	-.001920	-.000566	.0005334
#3	.004084	.001562	-.001200	-.001850	-.001118	-.005818	-.000260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000231	.0000519	.0017027	.0003415	.0000676	.0028725	.0117725
Stddev	.0000921	.0000223	.0049066	.0002719	.0001784	.0004659	.0054295
%RSD	398.0587	42.94229	288.1732	79.61717	264.1790	16.21865	46.12044

#1	.0000845	.0000355	-.001323	.0005805	-.000120	.0024049	.0177284
#2	-.000083	.0000773	-.000933	.0000457	.000235	.0033367	.0104898
#3	.000068	.0000429	.007364	.0003984	.000088	.0028758	.0070991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004584	.0101182	.0004215	-.000267	-.050375	.0035462	-.000327
Stddev	.0002884	.0111989	.0002116	.000366	.248006	.0009692	.000640
%RSD	62.90552	110.6811	50.19311	137.1563	492.3153	27.33113	195.9575

#1	.0005297	-.002237	.0006645	-.000669	.169791	.0043568	-.001066
#2	.0007045	.012989	.0002783	-.000177	-.001864	.0038093	.000028
#3	.0001411	.019602	.0003217	.000046	-.319053	.0024726	.000058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850773	-.000196	.0093266	-.000015	-.002328	-.001544	.0016840
Stddev	.0885810	.002575	.0015860	.000102	.001019	.001859	.0019199
%RSD	104.1183	1313.596	17.00548	660.9866	43.77722	120.3768	114.0107

#1	-.009534	-.003168	.0109737	-.000078	-.002755	-.000569	.0035910
#2	.166046	.001202	.0091965	-.000071	-.003065	-.000376	-.000248
#3	.098720	.001378	.0078096	.000103	-.001165	-.003688	.001709

Sample Name: ICB Acquired: 04/01/2019 13:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0006315	.0053247	.0001083
Stddev	.0018824	.0018826	.0000624
%RSD	298.1006	35.35557	57.56914

#1	-.001512	.0033139	.0000370
#2	.002014	.0070453	.0001352
#3	.001393	.0056150	.0001528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.245	3778.687	58696.55	11515.85	4530.792
Stddev	12.825	3.758	206.71	121.33	5.132
%RSD	.4651404	.0994554	.3521632	1.053628	.1132722

#1	2743.963	3782.939	58847.61	11545.92	4534.675
#2	2758.214	3775.810	58460.98	11619.32	4524.973
#3	2769.559	3777.314	58781.07	11382.30	4532.727

Sample Name: ICSA Acquired: 04/01/2019 13:07:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0058328	.0051687	.0054083	-.020425	.0049152	262.1973
Stddev	.0051917	.0013479	.0017017	.003823	.0014605	.6722
%RSD	89.00881	26.07701	31.46458	18.71743	29.71361	.2563701

#1	.0063414	.0036438	.0073403	-.022198	.0036720	261.6855
#2	.0004055	.0056615	.0041320	-.016037	.0065237	261.9479
#3	.0107515	.0062008	.0047526	-.023039	.0045500	262.9586

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076039	.0009780	-.000128	281.7183	.0524697	.0009487
Stddev	.0004892	.0000886	.000152	.7038	.0006871	.0002376
%RSD	6.432956	9.063406	118.8214	.2498307	1.309577	25.04266

#1	.0070922	.0009411	-.000046	281.1611	.0530762	.0008263
#2	.0080668	.0010791	-.000304	281.4846	.0526096	.0012225
#3	.0076528	.0009138	-.000035	282.5092	.0517234	.0007973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012118	112.9700	.0165866	284.6541	.0014038	-.008813
Stddev	.0031406	.1275	.0002197	.4052	.0004867	.000352
%RSD	259.1768	.1128255	1.324592	.1423409	34.67343	3.991921

#1	.0009858	112.8246	.0163332	284.2801	.0012837	-.008472
#2	.0044593	113.0234	.0167227	284.5975	.0019393	-.008793
#3	-.001810	113.0621	.0167039	285.0845	.0009883	-.009175

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.479857	.0046996	.0001221	.2846955	.0121780	F -.243896
Stddev	.188731	.0011200	.0010910	.0846014	.0024200	.005344
%RSD	39.33064	23.83090	893.5357	29.71645	19.87179	2.191244

#1	-.490343	.0049051	-.000851	.2140126	.0148501	-.249026
#2	-.286102	.0057026	-.000085	.3784351	.0115498	-.244303
#3	-.663126	.0034911	.001302	.2616389	.0101341	-.238360

Sample Name: ICSA Acquired: 04/01/2019 13:07:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0023436	.0000197	-.004071	-.000277	-.003113	.0158154
Stddev	.0006747	.0032295	.002805	.001948	.000990	.0006235
%RSD	28.78870	16405.52	68.92090	702.9266	31.79151	3.942693

#1	.0029076	-.002129	-.006313	-.002167	-.002390	.0165114
#2	.0015962	-.001545	-.004974	.001725	-.004241	.0153078
#3	.0025269	.003734	-.000925	-.000389	-.002709	.0156271

Elem	Sr4077
Units	ppm
Avg	.1125406
Stddev	.0006000
%RSD	.5331813

#1	.1124977
#2	.1131610
#3	.1119632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.845	3497.384	56502.78	11205.87	3950.104
Stddev	5.818	10.539	174.52	79.76	5.264
%RSD	.2250784	.3013356	.3088680	.7117267	.1332514

#1	2584.788	3499.217	56651.59	11129.87	3948.554
#2	2590.692	3506.886	56546.04	11198.81	3955.969
#3	2579.056	3486.049	56310.69	11288.91	3945.791

Sample Name: ICSAB Acquired: 04/01/2019 13:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0948781	.1180076	.0584987	.0319333	.6583246	254.5221
Stddev	.0009321	.0032702	.0012612	.0040486	.0049545	.4707
%RSD	.9824446	2.771210	2.155870	12.67832	.7525863	.1849294

#1	.0949815	.1152834	.0594482	.0283503	.6584473	254.9554
#2	.0957541	.1216343	.0589801	.0363253	.6632167	254.0213
#3	.0938985	.1171050	.0570678	.0311242	.6533100	254.5895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5844150	.5474377	1.019896	275.3958	.5963291	.5437469
Stddev	.0026903	.0036683	.001232	1.7533	.0014732	.0011996
%RSD	.4603443	.6700850	.1207754	.6366633	.2470416	.2206109

#1	.5874852	.5501258	1.021124	277.4081	.5966410	.5427752
#2	.5824700	.5432587	1.018660	274.1968	.5976213	.5450877
#3	.5832898	.5489287	1.019905	274.5824	.5947249	.5433780

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5549590	110.2234	.5786511	277.7142	1.091703	.1814722
Stddev	.0023737	.4686	.0028547	1.0234	.000661	.0018793
%RSD	.4277169	.4251503	.4933325	.3685137	.0605763	1.035592

#1	.5522610	110.6736	.5819473	278.3870	1.091963	.1793095
#2	.5567261	109.7384	.5769816	276.5364	1.092195	.1827077
#3	.5558899	110.2583	.5770244	278.2191	1.090952	.1823994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.664549	.5505057	1.084728	.0982189	.4856149	F .3999016
Stddev	.032116	.0028697	.008692	.0714427	.0347660	.0171752
%RSD	4.832678	.5212901	.8013063	72.73828	7.159169	4.294847

#1	-.641721	.5476970	1.083873	.1246646	.4507367	.3855029
#2	-.701273	.5534328	1.093816	.1526683	.4858403	.3952902
#3	-.650654	.5503872	1.076495	.0173238	.5202676	.4189117

Sample Name: ICSAB Acquired: 04/01/2019 13:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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 .6649034	.4519739	.5820106	F .6848472	.5478596	.3406362
Stddev	.0492315	.0270394	.0177617	.0485825	.0078638	.0107480
%RSD	7.404304	5.982506	3.051780	7.093912	1.435371	3.155269
#1	.6148855	.4239407	.5667394	.6389121	.5399158	.3332741
#2	.6665159	.4540854	.5777899	.6799270	.5480223	.3356646
#3	.7133088	.4778956	.6015024	.7357025	.5556409	.3529699

Elem	Sr4077
Units	ppm
Avg	.4132407
Stddev	.0069998
%RSD	1.693877
#1	.4074587
#2	.4112406
#3	.4210229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.972	3501.509	56691.21	11150.44	3961.190
Stddev	15.224	15.127	263.50	74.28	9.750
%RSD	.5850927	.4320228	.4647991	.6661343	.2461283
#1	2614.317	3515.414	56959.99	11150.88	3968.580
#2	2606.637	3485.401	56680.31	11224.49	3950.140
#3	2584.961	3503.713	56433.33	11075.94	3964.850

Sample Name: CCV060 Acquired: 04/01/2019 13:25:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813817	4.817228	24.37155	4.695521	4.864284	414.7461
Stddev	.028922	.019323	.04033	.015744	.007494	3.4991
%RSD	.6008076	.4011148	.1654630	.3352974	.1540558	.8436712

#1	4.804215	4.806016	24.32560	4.688557	4.859248	414.4575
#2	4.790917	4.806130	24.40104	4.684461	4.860708	411.4003
#3	4.846319	4.839540	24.38802	4.713546	4.872896	418.3806

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14470	.5349996	2.447732	423.9602	14.81564	2.483375
Stddev	.14050	.0038454	.001477	6.3914	.00910	.002713
%RSD	1.384997	.7187756	.0603578	1.507557	.0613928	.1092534

#1	10.15108	.5388586	2.446476	424.1306	14.81114	2.480329
#2	10.00112	.5311678	2.447360	417.4853	14.80967	2.485535
#3	10.28191	.5349724	2.449360	430.2648	14.82611	2.484260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76422	423.3644	15.10906	412.1015	2.466009	1.253584
Stddev	.08207	4.4790	.21568	4.5829	.002670	.002867
%RSD	.5558585	1.057948	1.427478	1.112071	.1082846	.2286771

#1	14.77769	423.1015	15.10640	411.8281	2.464577	1.250466
#2	14.67624	419.0227	14.89473	407.6615	2.469090	1.256106
#3	14.83871	427.9691	15.32606	416.8150	2.464360	1.254179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.8720	2.467165	14.87078	151.4086	4.924968	F 4.358384
Stddev	3.8944	.024428	.07796	.8873	.033606	.031658
%RSD	.9524661	.9901367	.5242202	.5860572	.6823560	.7263623

#1	408.8079	2.462465	14.80888	151.9286	4.930684	4.380333
#2	405.0101	2.445427	14.84512	150.3840	4.888870	4.322094
#3	412.7980	2.493601	14.95832	151.9131	4.955348	4.372724

Sample Name: CCV060 Acquired: 04/01/2019 13:25:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.824131	4.910436	4.919416	4.936994	4.957050	5.138471
Stddev	.011204	.028417	.018576	.011113	.058081	.084876
%RSD	.2322573	.5787107	.3776028	.2250924	1.171684	1.651769
#1	4.820845	4.883862	4.933885	4.927822	4.959539	5.132424
#2	4.814937	4.907052	4.898468	4.933807	4.897764	5.056780
#3	4.836611	4.940393	4.925896	4.949352	5.013846	5.226208

Elem	Sr4077
Units	ppm
Avg	4.945671
Stddev	.055518
%RSD	1.122551
#1	5.009481
#2	4.919101
#3	4.908431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.822	3217.459	54039.48	10898.86	3578.882
Stddev	12.661	3.190	63.64	76.86	3.235
%RSD	.5291185	.0991462	.1177636	.7051953	.0903959
#1	2386.416	3215.572	54112.89	10821.36	3577.272
#2	2384.644	3221.142	53999.88	10975.06	3576.767
#3	2407.406	3215.662	54005.67	10900.16	3582.606

Sample Name: CCB060 Acquired: 04/01/2019 13:28:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026937	.0003834	.0003538	-.001227	.0002488	.0118544
Stddev	.0013319	.0007754	.0003313	.002681	.0020323	.0099609
%RSD	49.44405	202.2509	93.63138	218.5037	816.8526	84.02748

#1	.0028971	.0010943	-.000019	.001480	.0025709	.0222873
#2	.0012718	.0004994	.000465	-.001280	-.001206	.0108315
#3	.0039121	-.000443	.000615	-.003882	-.000619	.0024444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013859	.0000391	.0000650	.0303229	.0010923	.0002976
Stddev	.0001868	.0001058	.0000452	.0120640	.0001839	.0001777
%RSD	13.47962	270.4456	69.55808	39.78523	16.83261	59.69659

#1	.0013560	.0001446	.0001171	.0429624	.0012897	.0004038
#2	.0015859	-.000067	.0000363	.0290750	.0009260	.0003966
#3	.0012158	.000040	.0000416	.0189313	.0010611	.0000925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058593	.0180064	.0012977	.0357208	-.000056	.0004797
Stddev	.0010506	.0044646	.0002560	.0361475	.000196	.0001730
%RSD	17.93019	24.79432	19.72402	101.1946	349.8628	36.06696

#1	.0059083	.0200995	.0015900	.0320569	.000043	.0006790
#2	.0068845	.0210400	.0011138	.0735606	-.000282	.0003932
#3	.0047851	.0128799	.0011893	.0015448	.000071	.0003671

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090224	.0010150	.0023664	.1283415	-.000701	F .0108426
Stddev	.2489885	.0007908	.0008613	.0639528	.000343	.0011946
%RSD	2759.681	77.91460	36.39721	49.83016	48.99034	11.01772

#1	-.053092	.0007182	.0019682	.1549542	-.001075	.0121309
#2	.283188	.0004155	.0033548	.0553796	-.000401	.0106254
#3	-.203029	.0019113	.0017763	.1746906	-.000626	.0097715

Sample Name: CCB060 Acquired: 04/01/2019 13:28:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.003131	-.001556	.0021447	.0001672	.0107989
Stddev	.000339	.002995	.002217	.0006968	.0012914	.0020319
%RSD	2771.064	95.65907	142.4883	32.48848	772.5377	18.81555

#1	.000032	.000049	-.001445	.0029492	-.000860	.0089746
#2	.000302	-.003544	.000604	.0017531	-.000255	.0129887
#3	-.000371	-.005897	-.003826	.0017317	.001617	.0104335

Elem	Sr4077
Units	ppm
Avg	.0003082
Stddev	.0000758
%RSD	24.60927

#1	.0003766
#2	.0003213
#3	.0002266

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.060	3736.501	58497.24	11440.38	4486.702
Stddev	10.433	10.163	467.72	90.74	2.884
%RSD	.3804687	.2719895	.7995671	.7931810	.0642876

#1	2739.777	3733.202	58202.93	11366.25	4484.165
#2	2753.445	3747.903	59036.57	11541.58	4486.102
#3	2732.958	3728.396	58252.22	11413.30	4489.839

Sample Name: K2046-13DLX2 Acquired: 04/01/2019 13:49:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288039	.0021581	.0675163	-.004822	.0018349	21.93214	.1127342
Stddev	.0039318	.0009843	.0016909	.001494	.0014990	.13323	.0009696
%RSD	13.65016	45.61123	2.504393	30.97253	81.69012	.6074809	.8600612

#1	.0254070	.0012426	.0692835	-.004524	.0033764	22.08162	.1138285
#2	.0331109	.0031991	.0659139	-.006443	.0003824	21.88890	.1123921
#3	.0278939	.0020324	.0673513	-.003500	.0017460	21.82590	.1119820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008876	.0002121	516.7975	.0696355	.0156060	.1179214	49.75372
Stddev	.0000186	.0000386	2.9766	.0001099	.0001152	.0013726	.20365
%RSD	2.096296	18.20473	.5759738	.1578298	.7381172	1.163976	.4093082

#1	.0008812	.0002214	520.1454	.0697443	.0155172	.1194708	49.97196
#2	.0009086	.0002453	515.7972	.0695245	.0157362	.1168577	49.72042
#3	.0008731	.0001697	514.4499	.0696376	.0155646	.1174358	49.56877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7682724	13.90508	.0508590	-.003813	4.121583	.1422532	.1156474
Stddev	.0028751	.07799	.0001651	.000153	.092116	.0034243	.0023814
%RSD	.3742349	.5608961	.3245963	4.003305	2.234955	2.407164	2.059214

#1	.7709365	13.99460	.0507258	-.003650	4.015245	.1420108	.1138371
#2	.7686559	13.85179	.0510437	-.003953	4.172625	.1457923	.1183451
#3	.7652247	13.86887	.0508076	-.003835	4.176878	.1389566	.1147598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168062	.9263026	-.046716	.0100976	2.078376	15.63046	.0017368
Stddev	.055626	.0023830	.002222	.0005585	.015853	.25470	.0016543
%RSD	4.762209	.2572604	4.756545	5.530828	.7627791	1.629534	95.24842

#1	1.126127	.9250360	-.048641	.0100385	2.071776	15.87684	.0000104
#2	1.146896	.9290514	-.044284	.0106832	2.066888	15.36817	.0018920
#3	1.231164	.9248203	-.047222	.0095710	2.096463	15.64636	.0033081

Sample Name: K2046-13DLX2 Acquired: 04/01/2019 13:49:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.664038	.0201989	5.051446
Stddev	.013970	.0016495	.045774
%RSD	.8395356	8.166272	.9061505

#1	1.677382	.0198025	5.044027
#2	1.665216	.0220104	5.100476
#3	1.649516	.0187836	5.009836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.333	3608.279	58058.42	11533.85	4111.303
Stddev	31.570	7.256	570.85	70.03	3.016
%RSD	1.186241	.2011025	.9832359	.6071457	.0733704

#1	2687.936	3600.266	58598.94	11453.03	4107.822
#2	2626.448	3610.162	57461.44	11572.04	4112.949
#3	2669.614	3614.408	58114.89	11576.49	4113.138

Sample Name: K2046-14DLX2 Acquired: 04/01/2019 13:53:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318667	.0038453	.0654829	-.008560	.0018473	22.34917	.1135896
Stddev	.0029296	.0018382	.0002206	.004734	.0011052	.03300	.0002772
%RSD	9.193264	47.80486	.3368951	55.29996	59.83017	.1476573	.2440684

#1	.0331305	.0054592	.0656736	-.004101	.0026943	22.38672	.1138962
#2	.0285173	.0042323	.0652413	-.013527	.0005971	22.32475	.1135161
#3	.0339522	.0018443	.0655339	-.008053	.0022505	22.33605	.1133565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008692	.0001703	527.7048	.0712061	.0161495	.1256685	51.03477
Stddev	.0000323	.0001538	3.4691	.0002100	.0001042	.0026887	.26219
%RSD	3.719406	90.27619	.6573954	.2949401	.6453181	2.139516	.5137550

#1	.0009026	.0001390	531.5092	.0713292	.0162606	.1287528	51.31228
#2	.0008669	.0000346	524.7165	.0709636	.0160538	.1238193	50.79119
#3	.0008381	.0003373	526.8888	.0713256	.0161341	.1244334	51.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8108447	14.61280	.0521923	-.003567	4.056426	.1456279	.1166510
Stddev	.0041369	.10045	.0000566	.000247	.140293	.0011438	.0021248
%RSD	.5101936	.6873904	.1084317	6.910222	3.458535	.7854051	1.821475

#1	.8155445	14.71613	.0521690	-.003475	4.141999	.1461364	.1151592
#2	.8077549	14.60675	.0522569	-.003847	4.132760	.1443180	.1157100
#3	.8092346	14.51551	.0521511	-.003380	3.894517	.1464292	.1190837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182262	.9626135	-.045707	.0103937	2.100190	15.77996	.0007258
Stddev	.062120	.0020656	.002417	.0002891	.024125	.11271	.0005269
%RSD	5.254353	.2145800	5.287033	2.781907	1.148691	.7142899	72.59812

#1	1.253983	.9636949	-.046440	.0100762	2.124180	15.91003	.0002546
#2	1.147403	.9602318	-.043009	.0104630	2.075933	15.71895	.0012947
#3	1.145401	.9639139	-.047672	.0106419	2.100458	15.71090	.0006280

Sample Name: K2046-14DLX2 Acquired: 04/01/2019 13:53:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.731278	.0200542	5.065315
Stddev	.010797	.0010089	.038668
%RSD	.6236507	5.030807	.7633973

#1	1.743605	.0203881	5.097984
#2	1.723497	.0189207	5.022622
#3	1.726732	.0208538	5.075339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.499	3610.655	57774.77	11406.88	4097.065
Stddev	26.917	16.033	513.52	46.30	20.575
%RSD	1.017854	.4440547	.8888246	.4058593	.5021948

#1	2660.229	3596.341	58103.56	11381.56	4078.083
#2	2659.849	3627.980	58037.71	11460.32	4118.930
#3	2613.418	3607.644	57183.03	11378.77	4094.182

Sample Name: K2046-15DLX2 Acquired: 04/01/2019 13:57:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0627977	.0586813	.0769064	.0025751	.0439894	25.79256	2.290235
Stddev	.0011044	.0013063	.0010956	.0009895	.0021333	.05486	.014924
%RSD	1.758669	2.226113	1.424529	38.42397	4.849660	.2126889	.6516538

#1	.0627516	.0578164	.0758706	.0034714	.0460359	25.73082	2.278351
#2	.0617171	.0580435	.0767953	.0027406	.0441536	25.83568	2.306985
#3	.0639244	.0601840	.0780533	.0015133	.0417787	25.81119	2.285368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514298	.0495990	549.9373	.2787686	.5466686	.3766018	50.17054
Stddev	.0002855	.0001299	2.7727	.0011429	.0002533	.0019178	.27560
%RSD	.5551243	.2619209	.5041782	.4099963	.0463328	.5092365	.5493359

#1	.0513220	.0494996	546.9066	.2777255	.5466085	.3775612	49.87991
#2	.0517535	.0495515	552.3464	.2799904	.5464508	.3743937	50.42815
#3	.0512139	.0497460	550.5589	.2785901	.5469466	.3778507	50.20354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.161750	14.75054	.5957960	.0485187	3.736291	.6539600	.6286627
Stddev	.007328	.11362	.0010751	.0002477	.076139	.0030369	.0036882
%RSD	.6307954	.7702432	.1804544	.5106120	2.037830	.4643867	.5866739

#1	1.153924	14.62048	.5967169	.0488046	3.776080	.6511996	.6290167
#2	1.168450	14.83042	.5946145	.0483656	3.784291	.6572132	.6248103
#3	1.162877	14.80073	.5960567	.0483860	3.648500	.6534671	.6321612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9537931	1.355058	-.032061	.0129237	2.335423	14.31051	.0005174
Stddev	.0298143	.008970	.002084	.0003620	.009138	.05145	.0021423
%RSD	3.125867	.6619580	6.501159	2.801123	.3912947	.3595247	414.0127

#1	.9203049	1.352767	-.034256	.0132073	2.336511	14.25759	-.001548
#2	.9636235	1.364951	-.031818	.0130478	2.325789	14.36035	.002729
#3	.9774509	1.347456	-.030109	.0125160	2.343968	14.31358	.000370

Sample Name: K2046-15DLX2 Acquired: 04/01/2019 13:57:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.783010	.0210264	6.091881
Stddev	.003705	.0017348	.048692
%RSD	.2077707	8.250557	.7992864

#1	1.779107	.0218126	6.111342
#2	1.783446	.0222289	6.127832
#3	1.786477	.0190377	6.036469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.186	3585.127	57789.52	11472.28	4069.279
Stddev	11.080	10.893	116.38	20.46	6.372
%RSD	.4199798	.3038288	.2013818	.1783494	.1565800

#1	2632.541	3575.141	57836.07	11495.80	4062.241
#2	2650.951	3583.496	57657.08	11458.63	4070.940
#3	2631.065	3596.743	57875.42	11462.40	4074.655

Sample Name: K2046-13LDLX10 Acquired: 04/01/2019 14:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084399	-.000910	.0146588	.0002643	-.000233	4.718076	.0251236
Stddev	.0009616	.000484	.0016242	.0047859	.001780	.012036	.0005992
%RSD	11.39324	53.23447	11.07967	1811.083	762.3366	.2551084	2.384957

#1	.0088554	-.001404	.0137674	-.001646	.001563	4.724735	.0252567
#2	.0091238	-.000436	.0136755	-.003272	-.000267	4.704182	.0256451
#3	.0073404	-.000890	.0165335	.005710	-.001996	4.725312	.0244691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001122	-.000019	112.6918	.0156594	.0021039	.0285616	11.19753
Stddev	.0000234	.000104	.1689	.0000857	.0002831	.0022768	.00246
%RSD	20.81875	552.6845	.1498684	.5473241	13.45660	7.971533	.0219470

#1	.0000868	-.000138	112.5538	.0156688	.0023915	.0259347	11.19902
#2	.0001171	.000043	112.6415	.0157400	.0020947	.0299673	11.19470
#3	.0001328	.000040	112.8802	.0155694	.0018255	.0297827	11.19889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765078	3.183486	.0108617	-.000900	.6774301	.0317894	.0259875
Stddev	.0006965	.027619	.0006475	.000754	.2272479	.0003838	.0003250
%RSD	.3946079	.8675839	5.961794	83.80928	33.54559	1.207243	1.250391

#1	.1772266	3.213954	.0112729	-.000554	.6359298	.0315525	.0263286
#2	.1758359	3.176411	.0111970	-.001765	.4737925	.0315837	.0259524
#3	.1764610	3.160092	.0101153	-.000381	.9225681	.0322322	.0256816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1822079	.1956487	-.013664	.0014650	.4314532	3.452188	-.005422
Stddev	.0536753	.0025767	.001127	.0001849	.0056313	.013548	.000828
%RSD	29.45827	1.316984	8.249777	12.62329	1.305202	.3924575	15.26755

#1	.2422903	.1977031	-.014224	.0014054	.4293694	3.446190	-.005515
#2	.1389903	.1964852	-.012366	.0013172	.4378295	3.442674	-.004552
#3	.1653432	.1927577	-.014401	.0016723	.4271607	3.467700	-.006199

Sample Name: K2046-13LDLX10 Acquired: 04/01/2019 14:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3729381	.0008204	1.102523
Stddev	.0024885	.0023045	.000844
%RSD	.6672562	280.8993	.0765685

#1	.3755647	.0029674	1.103456
#2	.3726338	.0011082	1.102304
#3	.3706157	-.001614	1.101811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.671	3701.169	58066.21	11334.29	4354.503
Stddev	5.480	9.864	57.52	30.05	4.770
%RSD	.2035742	.2664989	.0990536	.2650872	.1095487

#1	2686.725	3706.109	58111.25	11313.28	4355.840
#2	2690.725	3707.586	58085.95	11368.71	4358.462
#3	2697.561	3689.811	58001.42	11320.89	4349.207

Sample Name: PB118358BL Acquired: 04/01/2019 14:05:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022576	.0013607	-.001162	-.000954	-.002392	-.011699	.0004503
Stddev	.0017592	.0013751	.000455	.003625	.001077	.002156	.0005210
%RSD	77.92470	101.0557	39.13757	380.2141	45.04617	18.43324	115.7102

#1	.0024846	.0021011	-.000643	.000383	-.001414	-.014081	.0010408
#2	.0003959	-.000226	-.001491	.001814	-.002215	-.011137	.0000555
#3	.0038922	.002207	-.001353	-.005057	-.003546	-.009879	.0002545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002425	-.000053	.0298683	-.000603	.0002349	-.002148	-.006108
Stddev	.0000762	.000055	.0130914	.000056	.0002725	.000586	.008105
%RSD	31.44819	102.8941	43.83046	9.340756	115.9732	27.28211	132.7030

#1	.0003196	-.000040	.0275660	-.000544	.0000487	-.001694	-.014241
#2	.0002406	-.000114	.0180808	-.000656	.0001085	-.001941	-.006053
#3	.0001672	-.000007	.0439582	-.000610	.0005477	-.002810	.001970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021774	.0166538	.0006466	.0002404	-.262780	.0009245	.0002671
Stddev	.0002627	.0052891	.0002496	.0003880	.216110	.0018344	.0012150
%RSD	12.06553	31.75901	38.59754	161.3894	82.23990	198.4298	454.8685

#1	.0023283	.0111788	.0003849	.0002217	-.269494	.0022393	.0009334
#2	.0023299	.0217350	.0006730	.0006375	-.043391	.0017053	-.001135
#3	.0018741	.0170477	.0008819	-.000138	-.475455	-.001171	.001003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.586760	-.001507	-.008416	-.000528	.0035082	.0030320	-.001552
Stddev	.043783	.000878	.000843	.000137	.0058331	.0002323	.000871
%RSD	7.461870	58.24917	10.01728	25.94235	166.2726	7.660455	56.09089

#1	-.634325	-.000546	-.007506	-.000682	.0002289	.0027760	-.000710
#2	-.577813	-.001707	-.009171	-.000480	.0000527	.0032292	-.001499
#3	-.548140	-.002267	-.008571	-.000421	.0102429	.0030907	-.002449

Sample Name: PB118358BL Acquired: 04/01/2019 14:05:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW358 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001268	-.012827	.0002118
Stddev	.000118	.001183	.0000824
%RSD	9.336786	9.226730	38.91647

#1	-.001398	-.013940	.0001913
#2	-.001239	-.012956	.0001415
#3	-.001166	-.011584	.0003024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.029	3988.804	61651.84	12023.89	4717.084
Stddev	25.408	9.436	471.41	97.11	10.544
%RSD	.8782325	.2365625	.7646298	.8076569	.2235327

#1	2913.690	3992.439	62026.74	11955.13	4723.009
#2	2900.738	3995.882	61806.16	12134.98	4723.334
#3	2864.660	3978.091	61122.61	11981.56	4704.910

Sample Name: PB118358BS Acquired: 04/01/2019 14:10:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226606	.0527967	.0209392	.0757044	.1263453	.4135208
Stddev	.0010544	.0019988	.0005303	.0041723	.0013427	.0094827
%RSD	4.653020	3.785901	2.532795	5.511317	1.062755	2.293174

#1	.0238341	.0509616	.0203381	.0729797	.1256592	.4028111
#2	.0217929	.0549265	.0211381	.0805077	.1254842	.4208502
#3	.0223548	.0525019	.0213412	.0736259	.1278924	.4169012

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3942027	.0106544	.0098966	F 2.209948	.0235140	.1011814
Stddev	.0026602	.0001173	.0000898	.013995	.0002579	.0006880
%RSD	.6748294	1.100763	.9070055	.6332563	1.096562	.6799596

#1	.3916711	.0105647	.0099462	2.207348	.0234859	.1017181
#2	.3969751	.0107871	.0099506	2.225061	.0237847	.1014203
#3	.3939619	.0106114	.0097930	2.197437	.0232713	.1004058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548541	.2340594	.0387425	F 2.177024	.0859282	.0210264
Stddev	.0032950	.0127004	.0009131	.031882	.0004261	.0004879
%RSD	6.006859	5.426152	2.356816	1.464455	.4958459	2.320238

#1	.0582240	.2485151	.0376923	2.173155	.0858451	.0215661
#2	.0546990	.2246928	.0393484	2.147253	.0863897	.0208963
#3	.0516394	.2289702	.0391868	2.210663	.0855498	.0206167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.850628	.1059777	.1379000	9.551695	.0175954	F .0300552
Stddev	.134640	.0015493	.0033934	.052971	.0014725	.0022468
%RSD	1.366818	1.461938	2.460796	.5545752	8.368388	7.475671

#1	9.953162	.1047509	.1341028	9.525773	.0192896	.0278715
#2	9.698153	.1077188	.1389610	9.516676	.0166240	.0299337
#3	9.900570	.1054635	.1406362	9.612635	.0168728	.0323603

Sample Name: PB118358BS Acquired: 04/01/2019 14:10:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS358 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0319345	.1965106	F .3457595	F .0255176	F -.001115	.0844034
Stddev	.0012893	.0039274	.0040408	.0003267	.001317	.0020095
%RSD	4.037385	1.998596	1.168669	1.280222	118.0994	2.380868

#1	.0325594	.1990867	.3483839	.0255264	.000356	.0855771
#2	.0304518	.1984548	.3477884	.0258398	-.001518	.0855501
#3	.0327923	.1919902	.3411063	.0251866	-.002183	.0820831

Elem	Sr4077
Units	ppm
Avg	.2098475
Stddev	.0006586
%RSD	.3138537

#1	.2091817
#2	.2104987
#3	.2098620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.167	3953.885	60894.84	12043.66	4725.319
Stddev	15.441	8.735	164.53	94.13	.342
%RSD	.5391018	.2209195	.2701899	.7815796	.0072302

#1	2875.574	3960.408	60956.50	12088.65	4725.600
#2	2846.597	3957.286	60708.39	11935.48	4725.418
#3	2870.332	3943.961	61019.65	12106.85	4724.938

Sample Name: K2116-01 Acquired: 04/01/2019 14:14:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002396	.0040096	.0099459	-.023607	.0031948	-.183892	.1957319
Stddev	.003197	.0022319	.0016154	.003790	.0010885	.009536	.0021294
%RSD	133.4355	55.66468	16.24190	16.05411	34.07193	5.185821	1.087928

#1	.001170	.0045734	.0089078	-.020197	.0043172	-.192455	.1975915
#2	-.005004	.0015498	.0091229	-.022936	.0021437	-.185605	.1934089
#3	-.003354	.0059055	.0118071	-.027687	.0031234	-.173615	.1961953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008069	.0003687	391.4092	-.019519	.0179996	-.007327	168.0339
Stddev	.0001181	.0000919	3.1378	.000598	.0004936	.001130	1.0597
%RSD	14.64126	24.92237	.8016788	3.061750	2.742425	15.42981	.6306331

#1	.0007622	.0002783	392.4141	-.019969	.0177656	-.007938	168.1958
#2	.0007176	.0004620	387.8921	-.019748	.0176666	-.008020	166.9026
#3	.0009408	.0003659	393.9216	-.018841	.0185668	-.006022	169.0033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33307	43.49245	.0016065	-.008908	90.54294	.0087869	.0050835
Stddev	.13388	.18661	.0004165	.000371	.34499	.0015689	.0013945
%RSD	.8731344	.4290573	25.92339	4.161061	.3810192	17.85539	27.43249

#1	15.37113	43.50229	.0020872	-.008486	90.14735	.0080888	.0041789
#2	15.18429	43.30112	.0013532	-.009056	90.70023	.0105837	.0043821
#3	15.44380	43.67395	.0013792	-.009182	90.78126	.0076882	.0066894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.29107	.0552188	.6089612	-.002375	.3315772	36.93597	-.000686
Stddev	.06097	.0021391	.0036467	.000360	.0031024	.28297	.001573
%RSD	.1727613	3.873883	.5988319	15.15445	.9356629	.7661170	229.2342

#1	35.24043	.0573846	.6116168	-.002232	.3314796	36.77147	-.001764
#2	35.27404	.0551643	.6048034	-.002784	.3347273	36.77373	-.001413
#3	35.35874	.0531074	.6104633	-.002108	.3285247	37.26272	.001119

Sample Name: K2116-01 Acquired: 04/01/2019 14:14:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.015793	.0179533	1.202706
Stddev	.001123	.0022587	.003102
%RSD	7.110797	12.58098	.2579297

#1	-.015990	.0153696	1.201177
#2	-.016804	.0195538	1.200665
#3	-.014584	.0189365	1.206276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.922	3684.803	59148.07	11863.34	4267.248
Stddev	15.928	3.372	425.06	23.91	1.718
%RSD	.5910428	.0915111	.7186291	.2015235	.0402599

#1	2686.790	3680.944	59057.53	11890.94	4266.941
#2	2684.702	3686.288	58775.58	11850.08	4265.704
#3	2713.275	3687.178	59611.10	11849.00	4269.099

Sample Name: K2116-02 Acquired: 04/01/2019 14:18:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106944	.0001603	.0016882	-.001553	-.002570	-.040872	.0550539
Stddev	.0041007	.0008171	.0006271	.001162	.001950	.009460	.0006797
%RSD	38.34448	509.6111	37.14357	74.79461	75.85438	23.14483	1.234595

#1	.0095411	-.000165	.0013366	-.002157	-.001950	-.050846	.0544188
#2	.0072939	-.000444	.0024122	-.002288	-.001006	-.032028	.0549722
#3	.0152483	.001090	.0013158	-.000214	-.004754	-.039742	.0557708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001216	-.000122	124.2379	.0003431	-.000580	-.002271	3.529143
Stddev	.0000909	.000149	1.1206	.0000114	.000207	.002386	.034802
%RSD	74.72949	121.8165	.9019590	3.324426	35.68594	105.0923	.9861207

#1	.0002179	-.000119	122.9516	.0003531	-.000425	.000265	3.491379
#2	.0000374	.000025	125.0023	.0003307	-.000500	-.004472	3.536126
#3	.0001095	-.000273	124.7598	.0003455	-.000815	-.002605	3.559923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3714864	22.22364	.0010169	.0001838	9.433739	.0016772	.0029474
Stddev	.0035616	.09131	.0006750	.0002476	.295729	.0015279	.0002791
%RSD	.9587390	.4108620	66.37927	134.6959	3.134804	91.09347	9.470062

#1	.3674023	22.12382	.0003953	.0001346	9.769982	.0000858	.0029596
#2	.3739468	22.30294	.0009204	-.000035	9.317209	.0031324	.0032203
#3	.3731100	22.24417	.0017349	.000452	9.214027	.0018135	.0026625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.651205	.1317401	.1599365	.0038479	12.75355	14.17378	-.006187
Stddev	.090563	.0016381	.0033002	.0005104	.05181	.07644	.001375
%RSD	2.480350	1.243453	2.063420	13.26517	.4062405	.5393153	22.21755

#1	3.621156	.1336199	.1566621	.0040536	12.70065	14.13057	-.007389
#2	3.579486	.1306175	.1598855	.0032667	12.80420	14.12873	-.004688
#3	3.752973	.1309830	.1632618	.0042233	12.75579	14.26204	-.006482

Sample Name: K2116-02 Acquired: 04/01/2019 14:18:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004794	-.005436	.3053656
Stddev	.001109	.002662	.0007661
%RSD	23.12838	48.97632	.2508767

#1	-.006059	-.008494	.3044888
#2	-.004338	-.004182	.3059057
#3	-.003987	-.003632	.3057022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.851	3849.815	60144.55	11932.33	4530.578
Stddev	12.650	8.728	166.50	109.98	12.622
%RSD	.4539191	.2267167	.2768396	.9216875	.2786042

#1	2801.391	3859.753	60219.35	12022.38	4545.137
#2	2778.373	3846.298	60260.54	11964.85	4523.887
#3	2780.789	3843.394	59953.77	11809.75	4522.709

Sample Name: K2116-03 Acquired: 04/01/2019 14:22:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074016	-.000589	.0007463	-.000944	-.001231	-.058999	.0557887
Stddev	.0022348	.001040	.0010554	.003149	.001316	.005327	.0009183
%RSD	30.19339	176.6337	141.4256	333.7070	106.9094	9.029523	1.645987

#1	.0048836	.000285	-.000406	.000815	-.000602	-.062207	.0554769
#2	.0091495	-.001740	.001665	-.004579	-.002744	-.052850	.0568222
#3	.0081716	-.000313	.000980	.000933	-.000348	-.061941	.0550669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001208	-.000034	124.3708	.0004903	-.000983	-.000366	3.530571
Stddev	.0000317	.000116	.7335	.0002308	.000420	.001584	.013777
%RSD	26.21008	339.3249	.5897420	47.06321	42.73585	433.2576	.3902326

#1	.0001517	-.000003	124.0548	.0007413	-.001209	-.001918	3.525170
#2	.0001224	.000063	125.2093	.0002873	-.001242	.001249	3.546230
#3	.0000884	-.000163	123.8483	.0004424	-.000498	-.000428	3.520312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3731317	22.27088	.0011738	-.000060	9.386944	.0014626	.0027397
Stddev	.0023887	.18206	.0002939	.000798	.426692	.0025808	.0006520
%RSD	.6401649	.8174824	25.04169	1328.368	4.545589	176.4532	23.79877

#1	.3717152	22.27002	.0008377	.000394	8.925384	.0012268	.0022327
#2	.3758895	22.45336	.0013825	-.000981	9.468432	-.000992	.0034752
#3	.3717903	22.08924	.0013013	.000407	9.767015	.004153	.0025111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.664272	.1307998	.1584488	.0036425	12.74735	14.20581	-.007626
Stddev	.044912	.0031861	.0006323	.0004303	.04146	.02571	.001151
%RSD	1.225663	2.435889	.3990527	11.81354	.3252352	.1809607	15.09271

#1	3.695560	.1325066	.1585367	.0033216	12.78978	14.20910	-.008223
#2	3.684444	.1271239	.1590325	.0041315	12.74534	14.22971	-.006299
#3	3.612811	.1327690	.1577771	.0034744	12.70693	14.17862	-.008355

Sample Name: K2116-03 Acquired: 04/01/2019 14:22:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005223	-.006646	.3067887
Stddev	.000550	.001966	.0001731
%RSD	10.52676	29.57672	.0564244

#1	-.005839	-.004993	.3069025
#2	-.005047	-.008820	.3068741
#3	-.004783	-.006125	.3065895

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.600	3847.434	59763.53	11874.41	4527.439
Stddev	18.623	6.814	533.25	59.41	6.504
%RSD	.6716767	.1771072	.8922602	.5003326	.1436482

#1	2789.426	3840.474	60305.39	11928.01	4521.164
#2	2752.591	3847.738	59239.34	11810.53	4527.003
#3	2775.782	3854.092	59745.86	11884.68	4534.150

Sample Name: K2116-04 Acquired: 04/01/2019 14:26:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL8S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463474	.0540212	.0227102	.0080506	.1103138	1.893239	2.242179
Stddev	.0041439	.0021660	.0018362	.0031807	.0009287	.014341	.005414
%RSD	8.940986	4.009467	8.085468	39.50873	.8418929	.7574912	.2414712

#1	.0471775	.0550844	.0206698	.0098465	.1104028	1.878965	2.241070
#2	.0418513	.0515291	.0232313	.0043781	.1093437	1.907647	2.248063
#3	.0500135	.0554501	.0242296	.0099272	.1111947	1.893105	2.237406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532967	.0505589	123.8340	.2169856	.5229132	.2713247	4.645588
Stddev	.0004431	.0002262	.3962	.0006101	.0005385	.0006418	.002393
%RSD	.8314338	.4473640	.3199758	.2811510	.1029717	.2365271	.0515036

#1	.0534538	.0506444	123.9259	.2163729	.5226210	.2705912	4.643001
#2	.0536399	.0503025	124.1762	.2175929	.5225840	.2717823	4.647722
#3	.0527964	.0507300	123.3999	.2169910	.5235346	.2716008	4.646040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9199333	22.22756	.5325831	.0520155	9.313532	.5290886	.5507099
Stddev	.0016949	.02236	.0007291	.0001242	.270127	.0034725	.0018613
%RSD	.1842368	.1005736	.1368991	.2387946	2.900370	.6563178	.3379758

#1	.9192867	22.20303	.5320696	.0521580	9.009865	.5329068	.5506107
#2	.9218563	22.24679	.5334176	.0519298	9.527076	.5261192	.5489002
#3	.9186569	22.23286	.5322621	.0519588	9.403655	.5282396	.5526187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.695208	.1306361	.1604033	.0039133	12.83295	14.19586	-.006896
Stddev	.096843	.0021473	.0013740	.0001716	.00708	.07329	.001350
%RSD	2.620772	1.643700	.8565961	4.384923	.0551784	.5162691	19.57709

#1	3.787334	.1296591	.1600310	.0037435	12.83324	14.23186	-.008420
#2	3.704036	.1291510	.1619251	.0039098	12.82572	14.24418	-.006418
#3	3.594253	.1330981	.1592539	.0040867	12.83988	14.11153	-.005850

Sample Name: K2116-04 Acquired: 04/01/2019 14:26:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005261	-.005437	.3057308
Stddev	.001223	.001291	.0001634
%RSD	23.25417	23.74418	.0534487

#1	-.006673	-.004642	.3056620
#2	-.004543	-.006927	.3059174
#3	-.004566	-.004743	.3056131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.561	3833.465	59799.86	11898.22	4496.070
Stddev	32.864	4.562	526.69	36.81	4.463
%RSD	1.186632	.1190111	.8807539	.3093868	.0992749

#1	2790.943	3837.998	60354.93	11938.50	4500.513
#2	2786.020	3833.524	59737.57	11866.31	4496.112
#3	2731.719	3828.874	59307.09	11889.86	4491.586

Sample Name: K2116-02LX5 Acquired: 04/01/2019 14:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015885	-.002748	.0002343	-.001191	-.001854	-.016131	.0123103
Stddev	.0025184	.001685	.0004246	.002164	.002120	.003318	.0004913
%RSD	158.5372	61.32198	181.2594	181.7403	114.3084	20.56980	3.990666

#1	.0002494	-.001120	.0000130	-.000075	-.001925	-.012368	.0117692
#2	.0000226	-.002639	-.000034	.000187	.000300	-.017391	.0124335
#3	.0044936	-.004485	.000724	-.003685	-.003938	-.018635	.0127283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000044	26.42687	-.000030	-.000937	-.000189	.7536977
Stddev	.000018	.000047	.29911	.000135	.000063	.002367	.0081442
%RSD	25.63755	106.2534	1.131856	453.6091	6.716655	1249.866	1.080560

#1	-.000067	-.000032	26.72891	-.000029	-.000956	-.002809	.7489156
#2	-.000089	-.000005	26.13077	-.000166	-.000867	.001796	.7490761
#3	-.000054	-.000096	26.42092	.000105	-.000989	.000445	.7631013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802481	4.764207	.0002675	.0007999	2.016353	-.000605	.0031520
Stddev	.0007402	.025416	.0001209	.0002654	.282820	.001249	.0015193
%RSD	.9223410	.5334719	45.18523	33.17163	14.02633	206.3086	48.20254

#1	.0803435	4.787344	.0002274	.0004971	2.154379	-.001945	.0049033
#2	.0794648	4.737003	.0001718	.0009919	2.203658	.000528	.0021871
#3	.0809359	4.768273	.0004034	.0009108	1.691022	-.000400	.0023654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8010093	.0274176	.0287500	.0002133	2.645129	2.988656	-.003300
Stddev	.0057011	.0013225	.0011983	.0002525	.006573	.009156	.000930
%RSD	.7117417	4.823412	4.168076	118.4134	.2484931	.3063460	28.16763

#1	.8000426	.0258983	.0275960	-.000014	2.645078	2.986879	-.002409
#2	.8071319	.0283104	.0299882	.000168	2.638582	2.998570	-.004264
#3	.7958533	.0280440	.0286659	.000485	2.651728	2.980520	-.003228

Sample Name: K2116-02LX5 Acquired: 04/01/2019 14:30:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001810	-.002784	.0661829
Stddev	.002010	.000822	.0000489
%RSD	111.0675	29.51382	.0739543

#1	-.002472	-.001837	.0661571
#2	-.003406	-.003209	.0661522
#3	.000448	-.003307	.0662393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.104	3738.699	57333.82	11538.07	4389.671
Stddev	26.803	16.718	393.18	36.08	13.147
%RSD	1.004569	.4471615	.6857810	.3127183	.2994951

#1	2662.799	3726.616	57150.75	11519.28	4382.056
#2	2697.162	3731.702	57785.16	11579.67	4382.105
#3	2644.350	3757.778	57065.56	11515.26	4404.851

Sample Name: K2116-05 Acquired: 04/01/2019 14:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085214	-.000980	.0022212	-.002770	-.002648	-.024466	.0637408
Stddev	.0007416	.000852	.0021012	.005129	.001894	.006400	.0009205
%RSD	8.702319	87.01349	94.59852	185.1506	71.52263	26.16013	1.444121

#1	.0080321	.000005	.0040789	-.004023	-.004087	-.019661	.0630284
#2	.0081575	-.001474	-.000059	-.007156	-.003355	-.031731	.0647802
#3	.0093746	-.001470	.002644	.002869	-.000502	-.022005	.0634139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000962	-.000063	81.44339	.0001840	-.000621	-.001224	2.118184
Stddev	.0000106	.000051	.85713	.0005085	.000281	.001751	.027088
%RSD	11.02463	82.07379	1.052421	276.3586	45.23561	143.0555	1.278829

#1	.0000841	-.000060	80.87623	-.000160	-.000497	.000792	2.099990
#2	.0001012	-.000012	82.42941	.000768	-.000423	-.002357	2.149315
#3	.0001034	-.000115	81.02454	-.000056	-.000943	-.002106	2.105247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.231009	38.68321	.0013584	.0004334	566.0282	.0045963	.0033676
Stddev	.026072	.27479	.0003740	.0003732	2.6432	.0012422	.0015591
%RSD	1.168598	.7103647	27.53391	86.10126	.4669713	27.02692	46.29656

#1	2.215396	38.52768	.0017360	.0002228	563.6383	.0037199	.0040786
#2	2.261107	39.00049	.0009881	.0002131	568.8672	.0060179	.0015798
#3	2.216525	38.52145	.0013510	.0008643	565.5792	.0040510	.0044445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62152	.1125051	1.195114	.0654286	118.2585	16.45428	-.004709
Stddev	.07647	.0020303	.010893	.0003319	.0450	.17030	.000799
%RSD	.4894881	1.804660	.9114267	.5072400	.0380828	1.034989	16.97818

#1	15.53799	.1128748	1.185791	.0650708	118.2429	16.28039	-.005498
#2	15.68806	.1143252	1.207087	.0657264	118.2234	16.62075	-.003900
#3	15.63852	.1103154	1.192464	.0654885	118.3093	16.46170	-.004727

Sample Name: K2116-05 Acquired: 04/01/2019 14:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000417	.0137069	.3027777
Stddev	.001479	.0007646	.0014329
%RSD	354.5900	5.578483	.4732662

#1	.000979	.0145857	.3013463
#2	-.001968	.0133412	.3042122
#3	-.000262	.0131937	.3027746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.300	3730.458	58628.86	11746.91	4180.828
Stddev	7.170	11.948	237.71	102.01	14.800
%RSD	.2629078	.3202924	.4054518	.8684378	.3540084

#1	2733.866	3739.050	58453.92	11847.26	4192.872
#2	2728.386	3735.510	58899.51	11643.31	4185.306
#3	2719.649	3716.813	58533.15	11750.16	4164.306

Sample Name: K2116-06 Acquired: 04/01/2019 14:38:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057941	.0008287	.0024393	-.002613	-.001439	-.032811	.0631067
Stddev	.0014050	.0021898	.0002008	.001586	.000908	.011289	.0003955
%RSD	24.24788	264.2283	8.231280	60.69124	63.11135	34.40618	.6267360

#1	.0044419	.0030516	.0022272	-.001004	-.000828	-.020148	.0629208
#2	.0072464	-.001326	.0024642	-.002660	-.002482	-.041823	.0628384
#3	.0056939	.000761	.0026264	-.004175	-.001007	-.036462	.0635609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001876	-.000068	81.74421	.0001038	-.000745	-.001620	2.098460
Stddev	.0000961	.000048	.26509	.0002260	.000243	.000408	.011059
%RSD	51.23526	69.86118	.3242971	217.6857	32.62011	25.15223	.5269904

#1	.0002984	-.000122	82.02881	-.000012	-.000495	-.002089	2.087868
#2	.0001373	-.000033	81.50429	.000364	-.000980	-.001349	2.109933
#3	.0001271	-.000049	81.69954	-.000041	-.000761	-.001423	2.097580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.229150	38.73096	.0014199	.0007661	564.1348	.0051330	.0077045
Stddev	.010880	.24487	.0003847	.0003680	1.2844	.0022159	.0005274
%RSD	.4880631	.6322396	27.09074	48.02871	.2276674	43.16977	6.845735

#1	2.236029	38.95337	.0018514	.0004103	564.3419	.0036507	.0075995
#2	2.216606	38.46855	.0011126	.0007429	562.7594	.0040679	.0082766
#3	2.234813	38.77096	.0012958	.0011451	565.3030	.0076803	.0072375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48019	.1127078	1.203817	.0651895	118.3149	16.43683	-.005347
Stddev	.06108	.0012467	.009150	.0004012	.5339	.09109	.001356
%RSD	.3945577	1.106149	.7601064	.6153937	.4512218	.5542019	25.35471

#1	15.52097	.1137175	1.199738	.0655596	118.7875	16.43064	-.003909
#2	15.40997	.1130916	1.197415	.0647632	117.7358	16.34899	-.005528
#3	15.50963	.1113143	1.214297	.0652458	118.4213	16.53086	-.006603

Sample Name: K2116-06 Acquired: 04/01/2019 14:38:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001849	.0146358	.3009670
Stddev	.001154	.0006935	.0003704
%RSD	62.40532	4.738505	.1230556

#1	-.000735	.0143420	.3008792
#2	-.001775	.0141375	.3006484
#3	-.003039	.0154278	.3013734

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.920	3724.616	58627.97	11692.08	4182.016
Stddev	7.334	12.695	44.42	44.72	8.928
%RSD	.2684515	.3408283	.0757659	.3824969	.2134910

#1	2725.224	3729.517	58640.53	11710.15	4191.436
#2	2739.758	3710.201	58664.77	11724.93	4173.679
#3	2730.779	3734.129	58578.63	11641.15	4180.932

Sample Name: K2116-07 Acquired: 04/01/2019 14:42:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051867	.0001327	.0010430	-.001478	-.000988	-.040165	.0465144
Stddev	.0038147	.0018082	.0015128	.000822	.000216	.004479	.0018392
%RSD	73.54815	1363.081	145.0442	55.59643	21.81417	11.15043	3.954034

#1	.0072622	-.001228	.0024638	-.000758	-.000764	-.034998	.0478489
#2	.0075136	.002185	.0012126	-.001304	-.001194	-.042568	.0472779
#3	.0007842	-.000559	-.000547	-.002373	-.001008	-.042930	.0444165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000073	88.74869	.0005121	-.000856	-.002148	.3179900
Stddev	.000093	.000095	2.66919	.0004259	.000159	.002149	.0160478
%RSD	4336.865	130.5109	3.007583	83.15961	18.59911	100.0665	5.046623

#1	.000096	-.000072	90.36200	.0009733	-.001015	.000030	.3270795
#2	-.000088	-.000168	90.21635	.0001337	-.000856	-.002206	.3274296
#3	-.000014	.000022	85.66772	.0004294	-.000697	-.004267	.2994607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1656265	21.19394	.0029896	.0007545	16.56163	.0006315	.0066444
Stddev	.0044843	.63219	.0004683	.0001955	.48482	.0016913	.0010645
%RSD	2.707500	2.982859	15.66417	25.91193	2.927361	267.8170	16.02040

#1	.1674480	21.57402	.0024966	.0009719	16.86048	-.000950	.0077944
#2	.1689134	21.54363	.0034285	.0005930	16.82217	.000429	.0056937
#3	.1605180	20.46416	.0030436	.0006987	16.00225	.002415	.0064452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.609487	.0044355	.2440396	.0098239	11.65827	13.87188	-.006091
Stddev	.121448	.0022912	.0062117	.0003296	.03204	.38054	.000537
%RSD	2.634745	51.65674	2.545381	3.355013	.2748547	2.743236	8.823861

#1	4.661429	.0039066	.2477925	.0102037	11.69239	14.14206	-.006476
#2	4.696327	.0024550	.2474568	.0096539	11.65361	14.03690	-.005477
#3	4.470706	.0069450	.2368695	.0096139	11.62882	13.43669	-.006319

Sample Name: K2116-07 Acquired: 04/01/2019 14:42:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005091	-.003800	.2428435
Stddev	.001907	.001094	.0069479
%RSD	37.44817	28.77928	2.861067

#1	-.005783	-.004361	.2469089
#2	-.002935	-.004500	.2468006
#3	-.006555	-.002540	.2348210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.533	3849.658	59920.01	11980.06	4530.612
Stddev	8.429	10.257	325.63	279.03	12.960
%RSD	.3030483	.2664268	.5434376	2.329093	.2860544

#1	2789.846	3841.379	60286.98	11818.86	4534.392
#2	2781.761	3861.132	59807.47	11819.06	4541.261
#3	2772.992	3846.465	59665.58	12302.25	4516.182

Sample Name: K2116-08 Acquired: 04/01/2019 14:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019128	.0054813	.0089667	-.016371	.0026192	-.182643	.3569542
Stddev	.0029565	.0012502	.0008044	.002724	.0011001	.010510	.0033043
%RSD	154.5626	22.80833	8.970464	16.63894	41.99989	5.754455	.9256987

#1	.0053155	.0064833	.0096299	-.017974	.0037877	-.172346	.3600621
#2	.0004499	.0040803	.0080720	-.013226	.0024663	-.182228	.3573171
#3	-.000027	.0058801	.0091982	-.017913	.0016036	-.193354	.3534834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011171	.0002060	404.9233	-.013887	.0210738	-.007312	134.2176
Stddev	.0001055	.0000886	3.9596	.000683	.0003138	.000840	.8681
%RSD	9.439513	43.02917	.9778745	4.920905	1.489012	11.48117	.6467621

#1	.0010421	.0001748	407.1481	-.013175	.0210570	-.007243	134.7543
#2	.0010715	.0003060	407.2700	-.014537	.0213956	-.006509	134.6824
#3	.0012376	.0001372	400.3516	-.013949	.0207687	-.008184	133.2161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.367979	61.18319	.0024835	-.008465	98.33897	.0034056	.0013873
Stddev	.015522	.48465	.0003163	.000446	.19333	.0026749	.0005526
%RSD	1.134654	.7921246	12.73414	5.273681	.1965992	78.54497	39.83145

#1	1.373939	61.43932	.0028027	-.008338	98.39457	.0043729	.0008030
#2	1.379637	61.48603	.0024777	-.008961	98.49842	.0054623	.0014575
#3	1.350360	60.62422	.0021702	-.008096	98.12393	.0003816	.0019014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.174650	.0940332	.9974890	-.001257	.5663172	47.68696	-.003264
Stddev	.022098	.0057267	.0113884	.000393	.0128118	.60129	.000203
%RSD	.5293305	6.090076	1.141711	31.29534	2.262303	1.260904	6.220120

#1	4.179157	.0904366	1.010419	-.001580	.5804963	48.36398	-.003044
#2	4.194147	.0910260	.988947	-.000819	.5628827	47.48177	-.003444
#3	4.150646	.1006371	.993102	-.001373	.5555727	47.21512	-.003304

Sample Name: K2116-08 Acquired: 04/01/2019 14:46:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.016491	.0279176	1.854440
Stddev	.000786	.0007314	.000951
%RSD	4.767943	2.619870	.0512671

#1	-.016708	.0287575	1.855533
#2	-.015619	.0275748	1.853977
#3	-.017146	.0274207	1.853809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.541	3692.094	58853.16	11818.44	4285.913
Stddev	28.529	10.993	434.98	103.82	1.495
%RSD	1.064709	.2977341	.7390943	.8784281	.0348878

#1	2711.516	3704.764	59229.91	11731.09	4287.517
#2	2656.686	3685.100	58377.12	11791.01	4284.557
#3	2670.423	3686.417	58952.46	11933.22	4285.664

Sample Name: K2116-09 Acquired: 04/01/2019 14:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: METDM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128243	.0013772	-.000409	-.002184	-.002326	-.025574	.0291542
Stddev	.0014886	.0008055	.001188	.000309	.000460	.012324	.0003085
%RSD	11.60730	58.49044	290.3071	14.13979	19.75523	48.19040	1.058301

#1	.0116591	.0010996	.000419	-.002525	-.002723	-.019386	.0294000
#2	.0145012	.0007472	-.001770	-.001922	-.001823	-.039766	.0288079
#3	.0123127	.0022849	.000124	-.002105	-.002432	-.017570	.0292545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001893	-.000076	73.75614	-.000714	-.001090	-.001947	10.75239
Stddev	.0000508	.000019	.33507	.000227	.000155	.001097	.06029
%RSD	26.82510	24.69262	.4542917	31.74558	14.21439	56.37872	.5607533

#1	.0001793	-.000096	73.37277	-.000480	-.000956	-.002373	10.68291
#2	.0002444	-.000073	73.99296	-.000933	-.001054	-.002767	10.79101
#3	.0001444	-.000059	73.90271	-.000728	-.001260	-.000700	10.78324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2581679	11.95516	.0016418	-.000116	4.377765	-.000500	.0037577
Stddev	.0004433	.03098	.0004885	.000473	.466553	.001696	.0011658
%RSD	.1716961	.2591223	29.75317	406.5141	10.65734	339.4668	31.02536

#1	.2577839	11.91944	.0021462	.000117	4.259604	-.000447	.0036080
#2	.2586529	11.97137	.0016083	.000195	4.892039	.001170	.0049912
#3	.2580668	11.97467	.0011710	-.000660	3.981653	-.002222	.0026740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.227701	.0060577	.0820489	.0119122	4.280848	13.69609	-.005635
Stddev	.049046	.0028559	.0002748	.0002119	.016633	.05400	.000879
%RSD	2.201636	47.14399	.3349052	1.778553	.3885477	.3942569	15.60382

#1	2.196290	.0091718	.0821062	.0120096	4.299009	13.64147	-.005208
#2	2.202597	.0035611	.0822905	.0120578	4.266354	13.69736	-.006646
#3	2.284217	.0054402	.0817499	.0116691	4.277181	13.74944	-.005050

Sample Name: K2116-09 Acquired: 04/01/2019 14:50:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: METDM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003818	-.004019	.1923804
Stddev	.001521	.000646	.0004291
%RSD	39.83581	16.06327	.2230424

#1	-.005372	-.003286	.1924923
#2	-.002333	-.004268	.1927425
#3	-.003749	-.004503	.1919064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.722	3878.137	60458.85	11818.92	4605.016
Stddev	8.004	9.068	409.64	81.74	7.531
%RSD	.2847726	.2338192	.6775457	.6916018	.1635285

#1	2805.991	3888.556	60420.45	11912.99	4605.500
#2	2819.963	3873.829	60886.33	11778.65	4612.293
#3	2806.210	3872.027	60069.76	11765.14	4597.255

Sample Name: CCV061 Acquired: 04/01/2019 14:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799348	4.814228	24.49197	4.699438	4.774762	399.2653
Stddev	.022992	.026039	.09723	.035014	.034382	10.3174
%RSD	.4790682	.5408661	.3969932	.7450680	.7200703	2.584094

#1	4.825890	4.843169	24.60319	4.739402	4.805108	388.7067
#2	4.785543	4.806815	24.42308	4.684765	4.737421	399.7661
#3	4.786610	4.792700	24.44963	4.674149	4.781758	409.3232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.857788	.5113220	2.414409	415.3535	14.54286	2.445409
Stddev	.229483	.0086344	.013088	8.9753	.19521	.012401
%RSD	2.327935	1.688637	.5420955	2.160880	1.342315	.5071225

#1	9.597449	.5017849	2.429102	405.0853	14.67832	2.459481
#2	9.945176	.5186076	2.403996	419.2714	14.63115	2.436077
#3	10.03074	.5135734	2.410131	421.7037	14.31910	2.440670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66276	411.8364	14.77742	399.2428	2.424259	1.238099
Stddev	.42178	10.5057	.33505	9.7720	.014116	.012353
%RSD	2.876549	2.550942	2.267291	2.447643	.5822615	.9977583

#1	14.17872	399.7614	14.39323	387.9943	2.438604	1.242801
#2	14.85812	416.8657	14.93016	404.0957	2.410385	1.247411
#3	14.95145	418.8820	15.00889	405.6385	2.423786	1.224085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.4972	2.387309	15.22837	149.2973	4.952226	F 4.146134
Stddev	10.1320	.063644	.05539	3.7112	.027369	.082926
%RSD	2.574863	2.665916	.3637347	2.485776	.5526547	2.000070

#1	381.8897	2.315168	15.20243	145.0220	4.976520	4.050440
#2	398.0331	2.411245	15.29197	151.1814	4.957582	4.196918
#3	400.5688	2.435515	15.19071	151.6885	4.922575	4.191044

Sample Name: CCV061 Acquired: 04/01/2019 14:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.598789	4.928938	4.809901	4.819643	4.945741	4.933208
Stddev	.036692	.025473	.084667	.019402	.129598	.114316
%RSD	.7978598	.5167960	1.760265	.4025527	2.620403	2.317282

#1	4.636268	4.953952	4.713844	4.841221	4.797844	4.802060
#2	4.562938	4.929833	4.873685	4.803637	4.999931	4.985811
#3	4.597162	4.903030	4.842174	4.814071	5.039450	5.011754

Elem	Sr4077
Units	ppm
Avg	4.832349
Stddev	.246970
%RSD	5.110766

#1	4.547753
#2	4.958895
#3	4.990399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.662	3262.710	53866.41	11151.85	3588.803
Stddev	23.926	21.615	481.91	212.81	19.528
%RSD	1.005839	.6624923	.8946408	1.908272	.5441270

#1	2355.865	3237.811	53479.34	11397.48	3566.917
#2	2376.546	3273.650	53713.72	11035.18	3595.045
#3	2403.576	3276.667	54406.17	11022.89	3604.447

Sample Name: CCB061 Acquired: 04/01/2019 14:58:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015321	.0014424	.0005858	-.000661	-.001819	.0044640	.0007971
Stddev	.0003726	.0008434	.0007398	.004213	.002364	.0101883	.0004697
%RSD	24.32036	58.47160	126.2785	637.1010	129.9833	228.2308	58.92318

#1	.0015986	.0018378	.0008192	.004055	-.003501	.0146097	.0012121
#2	.0011307	.0004739	.0011808	-.004052	-.002840	-.005766	.0002872
#3	.0018670	.0020154	-.000242	-.001987	.000884	.004549	.0008922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0000656	.0232343	.0005910	.0001942	.0072393	.0112818
Stddev	.000165	.0000496	.0063252	.0003241	.0001305	.0023086	.0110741
%RSD	228.0684	75.56899	27.22362	54.84897	67.22892	31.88969	98.15920

#1	-.000186	.0000734	.0291256	.0003133	.0002645	.0097381	.0240615
#2	.000117	.0001108	.0165500	.0005125	.0002745	.0067941	.0045114
#3	-.000149	.0000126	.0240272	.0009472	.0000436	.0051857	.0052724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008866	.0209127	.0000064	.0007071	-.030451	-.000765	.0023459
Stddev	.0004211	.0026842	.0003650	.0001243	.177915	.002924	.0019047
%RSD	47.49824	12.83513	5703.861	17.57570	584.2657	382.0158	81.19266

#1	.0004134	.0218574	.0000202	.0007647	-.181383	-.001579	.0026889
#2	.0010263	.0229968	.0003643	.0005644	.165715	-.003197	.0040558
#3	.0012201	.0178839	-.000365	.0007921	-.075685	.002479	.0002930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2216963	-.000901	.0078294	.0002680	-.003666	-.001467	.0005649
Stddev	.0871345	.002187	.0013522	.0004843	.002268	.002353	.0014219
%RSD	39.30351	242.6456	17.27107	180.7230	61.86334	160.3623	251.7102

#1	.3132375	.000485	.0087663	-.000089	-.001209	.001246	.0021986
#2	.1397654	-.003422	.0062792	.000819	-.005678	-.002939	-.000393
#3	.2120862	.000233	.0084428	.000074	-.004111	-.002709	-.000111

Sample Name: CCB061 Acquired: 04/01/2019 14:58:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009561	.0077874	.0002060
Stddev	.0005358	.0012399	.0000557
%RSD	56.03690	15.92148	27.03266

#1	.0011170	.0092122	.0001573
#2	.0013930	.0071967	.0002667
#3	.0003583	.0069534	.0001939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.051	3801.567	58199.17	11953.44	4491.966
Stddev	18.888	33.577	472.97	762.51	40.553
%RSD	.6928606	.8832299	.8126834	6.378989	.9027795

#1	2724.730	3820.529	58032.77	11359.08	4513.243
#2	2745.565	3821.372	58732.86	12813.17	4517.452
#3	2707.859	3762.799	57831.89	11688.06	4445.203

Sample Name: K2116-10 Acquired: 04/01/2019 15:02:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0117199	-.000622	.0021201	.0011460	-.001453	-.089403	.5861554
Stddev	.0017893	.001729	.0020850	.0034411	.001536	.006107	.0021429
%RSD	15.26676	278.1107	98.34576	300.2689	105.7267	6.830925	.3655887

#1	.0109600	-.002435	.0011935	-.002817	.000292	-.092129	.5841363
#2	.0137637	.001009	.0006589	.002881	-.002601	-.082407	.5884037
#3	.0104361	-.000440	.0045077	.003374	-.002050	-.093672	.5859261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001822	-.000029	232.6390	.0017635	-.000970	-.002387	4.797092
Stddev	.0000684	.000041	.4684	.0001952	.000174	.003087	.005272
%RSD	37.54928	143.5283	.2013477	11.07075	17.92582	129.3369	.1098971

#1	.0002471	-.000031	232.2365	.0016003	-.000916	-.002002	4.802899
#2	.0001888	.000014	233.1532	.0017105	-.000830	.000490	4.795767
#3	.0001107	-.000069	232.5274	.0019798	-.001164	-.005648	4.792608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584383	80.79518	.0016788	.0008393	708.4311	.0066738	.0036201
Stddev	.0006518	.28914	.0006195	.0005322	2.6745	.0025412	.0014747
%RSD	1.115334	.3578711	36.90328	63.40228	.3775265	38.07768	40.73611

#1	.0577866	80.64763	.0009970	.0004401	708.6106	.0041742	.0045633
#2	.0590902	81.12832	.0022073	.0006344	711.0114	.0092547	.0019207
#3	.0584380	80.60957	.0018319	.0014435	705.6714	.0065926	.0043764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.200310	.2309703	.8447453	.0088548	29.17111	31.06826	-.005222
Stddev	.067867	.0026391	.0031174	.0003120	.12084	.07696	.001033
%RSD	1.094578	1.142617	.3690399	3.522997	.4142306	.2477145	19.78852

#1	6.278661	.2280153	.8428984	.0085171	29.03163	31.15712	-.006414
#2	6.162447	.2318028	.8483446	.0091321	29.24394	31.02437	-.004567
#3	6.159820	.2330928	.8429928	.0089153	29.23776	31.02328	-.004687

Sample Name: K2116-10 Acquired: 04/01/2019 15:02:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.001501	.0250867	1.906816
Stddev	.001090	.0025494	.002921
%RSD	72.58963	10.16217	.1531924

#1	-.000964	.0222224	1.904981
#2	-.000784	.0259307	1.910184
#3	-.002755	.0271070	1.905282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.724	3631.909	57696.33	11535.34	4005.469
Stddev	19.748	4.015	156.49	27.12	7.392
%RSD	.7405475	.1105473	.2712260	.2351405	.1845436

#1	2676.122	3627.673	57734.35	11524.16	4009.445
#2	2680.018	3635.659	57830.31	11566.27	4010.022
#3	2644.031	3632.396	57524.34	11515.60	3996.940

Sample Name: K2116-11 Acquired: 04/01/2019 15:06:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0148618	.0014797	.0021239	-.001153	-.000923	-.054035	.1164750
Stddev	.0038549	.0025124	.0012872	.001120	.001732	.009175	.0005559
%RSD	25.93865	169.7893	60.60664	97.13613	187.7684	16.97874	.4772750

#1	.0109180	.0039019	.0009744	-.001018	-.002901	-.045739	.1159526
#2	.0186213	.0016512	.0035147	-.002335	-.000189	-.052478	.1164131
#3	.0150460	-.001114	.0018825	-.000107	.000322	-.063889	.1170593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003430	-.000018	138.4610	-.002451	-.000004	-.002338	30.16208
Stddev	.0000881	.000030	.4194	.000229	.000115	.001403	.05001
%RSD	25.67661	172.6989	.3028681	9.361798	2610.859	59.99934	.1658067

#1	.0004315	-.000043	138.7244	-.002394	.000023	-.003149	30.17867
#2	.0002553	.000016	137.9774	-.002703	.000095	-.000718	30.10588
#3	.0003421	-.000026	138.6810	-.002255	-.000131	-.003148	30.20169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3905783	30.20944	.0017775	-.001781	44.88790	.0016642	.0035918
Stddev	.0009122	.11429	.0001256	.000340	.16489	.0018265	.0022214
%RSD	.2335509	.3783093	7.065111	19.11106	.3673429	109.7518	61.84682

#1	.3916071	30.29388	.0016757	-.002174	45.07811	-.000102	.0030535
#2	.3902598	30.07939	.0019178	-.001598	44.80015	.001550	.0016890
#3	.3898681	30.25505	.0017388	-.001571	44.78544	.003545	.0060329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.931094	.0123407	.5401062	.0044446	4.702443	18.77592	-.005605
Stddev	.029194	.0015495	.0049375	.0002251	.017696	.11007	.000457
%RSD	.4922254	12.55582	.9141697	5.063797	.3763168	.5862405	8.159223

#1	5.964564	.0114302	.5457497	.0046611	4.701036	18.85158	-.006091
#2	5.910878	.0114621	.5365832	.0042118	4.720800	18.64965	-.005184
#3	5.917839	.0141298	.5379856	.0044607	4.685492	18.82655	-.005539

Sample Name: K2116-11 Acquired: 04/01/2019 15:06:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.006610	.0065562	.5112525
Stddev	.001326	.0025148	.0005577
%RSD	20.05778	38.35754	.1090904

#1	-.007253	.0059553	.5111368
#2	-.007491	.0043963	.5118590
#3	-.005085	.0093170	.5107618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.362	3811.955	59252.52	11758.62	4464.061
Stddev	12.691	15.741	316.00	6.93	15.060
%RSD	.4614180	.4129490	.5333079	.0589350	.3373584

#1	2760.244	3822.108	59505.75	11755.83	4474.064
#2	2736.050	3819.935	58898.39	11766.50	4471.380
#3	2754.792	3793.822	59353.41	11753.51	4446.741

Sample Name: K2116-12 Acquired: 04/01/2019 15:10:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0000548	.0101970	.0131165	-.027526	.0069235	-.204490	.4672338
Stddev	.0052791	.0009241	.0007025	.006117	.0019972	.004940	.0173674
%RSD	9633.295	9.062449	5.356008	22.22139	28.84619	2.415841	3.717062

#1	-.005482	.0111343	.0124964	-.028133	.0075754	-.210036	.4871656
#2	.005032	.0092867	.0129737	-.033318	.0046819	-.202870	.4553527
#3	.000615	.0101699	.0138795	-.021129	.0085133	-.200562	.4591832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017055	.0004695	465.5355	-.021248	.0579272	-.011515	209.6891
Stddev	.0000968	.0002098	17.0819	.000841	.0005426	.002125	7.4670
%RSD	5.674573	44.67669	3.669292	3.959540	.9367120	18.45192	3.560963

#1	.0016383	.0003110	485.0702	-.022209	.0580055	-.013396	218.2618
#2	.0018165	.0007074	453.4047	-.020644	.0573497	-.009210	204.6051
#3	.0016618	.0003902	458.1316	-.020891	.0584264	-.011939	206.2003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.646609	57.12215	.0106327	-.013242	506.9763	.0123746	.0000268
Stddev	.097109	2.03943	.0004578	.000034	18.8296	.0027451	.0021084
%RSD	3.669179	3.570303	4.305245	.2547206	3.714100	22.18330	7861.876

#1	2.757627	59.45753	.0103321	-.013280	528.6967	.0146330	-.001848
#2	2.577452	55.69224	.0104064	-.013217	495.2676	.0093192	.002309
#3	2.604746	56.21666	.0111595	-.013228	496.9644	.0131718	-.000381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.31794	.3257739	.7262698	-.001609	2.313643	46.69633	.0009160
Stddev	.51167	.0034029	.0186438	.000289	.014360	1.26797	.0016659
%RSD	3.841943	1.044555	2.567062	17.98270	.6206756	2.715347	181.8715

#1	13.90322	.3218578	.7477978	-.001549	2.298966	48.15844	.0018797
#2	13.09519	.3274533	.7154597	-.001354	2.327664	45.89875	-.001008
#3	12.95540	.3280107	.7155520	-.001924	2.314297	46.03180	.001876

Sample Name: K2116-12 Acquired: 04/01/2019 15:10:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.017922	.0194340	1.632575
Stddev	.001609	.0013096	.063283
%RSD	8.980370	6.738750	3.876291

#1	-.016468	.0207537	1.705520
#2	-.017646	.0194137	1.599844
#3	-.019651	.0181347	1.592360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.151	3610.409	58000.32	11663.18	4063.843
Stddev	13.418	6.447	303.19	335.76	2.831
%RSD	.5072636	.1785557	.5227426	2.878832	.0696513

#1	2638.086	3614.621	57899.65	11280.54	4067.104
#2	2660.625	3613.618	58341.05	11908.62	4062.022
#3	2636.742	3602.988	57760.27	11800.38	4062.404

Sample Name: K2116-13 Acquired: 04/01/2019 15:14:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0028532	-.000495	.0026379	-.004223	-.001275	-.065254	.1416749
Stddev	.0019553	.002671	.0019418	.004319	.000321	.008831	.0034829
%RSD	68.53238	539.7465	73.61120	102.2552	25.17746	13.53296	2.458391

#1	.0038950	.000317	.0042351	-.008033	-.001304	-.070305	.1456235
#2	.0040670	-.003478	.0032022	.000468	-.001580	-.055057	.1403622
#3	.0005975	.001676	.0004765	-.005104	-.000940	-.070399	.1390391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000092	159.5552	-.001605	-.000960	-.001877	14.08273
Stddev	.000140	.000042	3.1867	.000665	.000245	.003010	.28661
%RSD	358.6469	45.90641	1.997244	41.45019	25.53039	160.4169	2.035170

#1	-.000198	-.000098	163.1673	-.001281	-.001210	-.003123	14.41296
#2	.000066	-.000047	158.3570	-.002371	-.000949	-.004063	13.93645
#3	.000015	-.000130	157.1413	-.001164	-.000720	.001557	13.89878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.654585	31.63327	.0007600	.0002921	70.57364	.0034703	.0042375
Stddev	.055361	.53832	.0002743	.0003411	1.38812	.0033206	.0011335
%RSD	2.085492	1.701768	36.09847	116.7913	1.966917	95.68633	26.74898

#1	2.715944	32.25485	.0004730	.0001441	72.12503	.0049805	.0055014
#2	2.639434	31.32655	.0010197	.0000499	70.14691	.0057674	.0033112
#3	2.608377	31.31839	.0007872	.0006822	69.44897	-.000337	.0038997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.350027	.6058013	.6166900	-.000340	20.09408	17.64959	-.005369
Stddev	.214952	.0030302	.0064532	.000245	.10040	.25327	.002070
%RSD	2.298943	.5002001	1.046429	71.93643	.4996462	1.434978	38.55494

#1	9.571420	.6041553	.6240183	-.000535	20.03796	17.92628	-.002993
#2	9.142155	.6039504	.6141944	-.000422	20.03429	17.59323	-.006334
#3	9.336508	.6092983	.6118573	-.000065	20.20999	17.42924	-.006781

Sample Name: K2116-13 Acquired: 04/01/2019 15:14:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.006951	.0186749	.4869859
Stddev	.000835	.0010806	.0118157
%RSD	12.01177	5.786242	2.426295

#1	-.007625	.0198858	.5006244
#2	-.007212	.0183300	.4804901
#3	-.006017	.0178088	.4798432

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.031	3780.455	59004.33	11555.19	4422.202
Stddev	20.557	2.494	155.59	170.23	4.867
%RSD	.7538255	.0659832	.2636920	1.473231	.1100629

#1	2716.013	3777.717	59006.71	11360.92	4419.630
#2	2750.749	3781.050	59158.72	11626.36	4427.816
#3	2714.332	3782.599	58847.57	11678.29	4419.161

Sample Name: K2116-14 Acquired: 04/01/2019 15:18:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0076923	.0003575	.0013576	-.000103	-.000389	-.073109	.1351484
Stddev	.0040579	.0025460	.0011812	.003267	.001114	.005926	.0004738
%RSD	52.75280	712.1709	87.00407	3158.094	286.2326	8.105125	.3506023

#1	.0049571	-.002154	.0025900	-.001263	-.000606	-.073567	.1356725
#2	.0057650	.000289	.0012474	.003585	.000817	-.078793	.1347502
#3	.0123546	.002937	.0002354	-.002632	-.001379	-.066968	.1350225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000588	-.000104	152.7293	-.001156	-.001041	-.000880	13.56003
Stddev	.0000786	.000024	.5162	.000038	.000410	.001630	.02724
%RSD	133.5412	22.80949	.3379707	3.315092	39.40880	185.2385	.2009057

#1	.0001084	-.000081	152.2094	-.001117	-.001068	-.000014	13.55056
#2	.0000998	-.000102	153.2417	-.001194	-.001437	.000134	13.59074
#3	-.000032	-.000129	152.7367	-.001158	-.000618	-.002760	13.53878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.567752	29.95523	.0008492	-.000365	67.62985	.0024086	.0061983
Stddev	.008178	.09965	.0008091	.000319	.28596	.0029005	.0013229
%RSD	.3184864	.3326693	95.27691	87.37109	.4228264	120.4258	21.34259

#1	2.561061	29.85246	.0007332	.000002	67.30820	-.000450	.0054582
#2	2.576868	30.05144	.0001044	-.000575	67.72604	.005349	.0054111
#3	2.565325	29.96179	.0017101	-.000521	67.85531	.002326	.0077256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.962032	.5894041	.5861402	-.000725	19.86640	16.79076	-.007053
Stddev	.033218	.0030937	.0064556	.000348	.04697	.18785	.000399
%RSD	.3706549	.5248799	1.101374	48.05420	.2364105	1.118771	5.652838

#1	8.953916	.5923501	.5816563	-.000429	19.83501	16.63113	-.006736
#2	8.933624	.5896808	.5935392	-.001109	19.84380	16.99776	-.006922
#3	8.998556	.5861814	.5832251	-.000637	19.92040	16.74340	-.007501

Sample Name: K2116-14 Acquired: 04/01/2019 15:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.005240	.0165031	.4690240
Stddev	.002153	.0015634	.0011673
%RSD	41.09816	9.473182	.2488747

#1	-.007301	.0183046	.4682688
#2	-.005413	.0155023	.4703684
#3	-.003005	.0157025	.4684348

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.596	3780.460	59010.13	11790.95	4423.479
Stddev	10.816	8.662	242.31	84.26	11.366
%RSD	.3962599	.2291250	.4106296	.7146424	.2569518

#1	2724.141	3772.761	58969.42	11869.38	4410.969
#2	2742.054	3778.782	59270.23	11701.87	4426.297
#3	2722.594	3789.839	58790.76	11801.60	4433.171

Sample Name: K2116-15 Acquired: 04/01/2019 15:22:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0144681	-.000143	.0000652	-.001273	-.001575	-.000857
Stddev	.0020377	.002367	.0008020	.001133	.001229	.011301
%RSD	14.08433	1655.246	1230.848	89.01459	77.98561	1319.125

#1	.0161148	.002543	.0003548	-.002044	-.002652	.009422
#2	.0121892	-.001922	-.000841	.000028	-.001837	.000966
#3	.0151003	-.001050	.000682	-.001802	-.000237	-.012958

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471074	.0000417	-.000057	23.66168	.0001821	.0007451
Stddev	.0008732	.0000927	.000051	.10538	.0004091	.0003690
%RSD	1.853556	222.0620	89.76930	.4453811	224.6614	49.52658

#1	.0461065	-.000010	-.000023	23.55289	-.000249	.0004171
#2	.0477131	-.000013	-.000032	23.66885	.000230	.0011446
#3	.0475025	.000149	-.000115	23.76329	.000565	.0006735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000529	.5530395	.6631367	20.62012	.0116388	.0005407
Stddev	.001776	.0099953	.0050915	.23174	.0008422	.0002301
%RSD	335.7460	1.807331	.7677880	1.123856	7.236464	42.55933

#1	-.002111	.5459913	.6572577	20.38340	.0107394	.0004460
#2	-.000868	.5486485	.6661097	20.63042	.0124090	.0008031
#3	.001392	.5644786	.6660427	20.84654	.0117678	.0003731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 820.5330	.0044869	.0036235	6.684600	.1080344	.9993843
Stddev	7.5947	.0005636	.0006274	.093079	.0016456	.0099568
%RSD	.9255807	12.56086	17.31346	1.392438	1.523193	.9962897

#1	811.9647	.0039772	.0043411	6.584672	.1061485	.9978516
#2	823.1990	.0043914	.0033509	6.768834	.1087757	.9902827
#3	826.4351	.0050922	.0031786	6.700294	.1091788	1.010019

Sample Name: K2116-15 Acquired: 04/01/2019 15:22:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.1491799	4.053108	9.309733	-.001943	-.001940	-.003957
Stddev	.0020002	.038549	.105409	.001239	.002023	.000846
%RSD	1.340813	.9510896	1.132245	63.75883	104.3075	21.39115

#1	.1471951	4.015775	9.250103	-.002782	.000360	-.004625
#2	.1511952	4.092767	9.247656	-.000520	-.002733	-.003005
#3	.1491492	4.050783	9.431441	-.002527	-.003446	-.004241

Elem	Sr4077
Units	ppm
Avg	.7301940
Stddev	.0094343
%RSD	1.292031

#1	.7194555
#2	.7339755
#3	.7371509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.092	3701.518	58591.30	11892.29	4068.825
Stddev	36.750	14.900	752.02	97.51	18.280
%RSD	1.342680	.4025348	1.283509	.8199329	.4492807

#1	2760.040	3718.244	59116.78	11935.82	4089.201
#2	2756.532	3689.665	58927.25	11960.45	4053.865
#3	2694.705	3696.645	57729.86	11780.60	4063.408

Sample Name: K2116-16 Acquired: 04/01/2019 15:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0080931	.0004503	.0016369	-.003710	-.001656	-.036982	.0697187
Stddev	.0040075	.0026733	.0013201	.001168	.001221	.008449	.0004041
%RSD	49.51727	593.7248	80.64388	31.47382	73.76225	22.84666	.5796718

#1	.0075988	.0018747	.0016974	-.004356	-.000264	-.027319	.0701852
#2	.0123247	.0021097	.0029258	-.004411	-.002154	-.042979	.0694759
#3	.0043557	-.002634	.0002877	-.002362	-.002550	-.040648	.0694949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002050	-.000032	91.21045	-.000698	-.000617	-.002183	12.35527
Stddev	.0000575	.000074	.41421	.000495	.000290	.004029	.04723
%RSD	28.04194	227.3743	.4541229	70.95526	46.96401	184.5718	.3822393

#1	.0002694	.000025	91.42093	-.000208	-.000393	.002413	12.40102
#2	.0001587	-.000116	91.47715	-.000687	-.000513	-.005108	12.35811
#3	.0001870	-.000007	90.73327	-.001198	-.000944	-.003855	12.30669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5102927	20.55979	.0010927	-.000212	7.352317	.0029970	.0052212
Stddev	.0007890	.05717	.0002186	.000411	.184961	.0023665	.0006855
%RSD	.1546144	.2780497	20.00927	194.2352	2.515685	78.96266	13.12923

#1	.5103729	20.54711	.0009671	.000248	7.274388	.0017421	.0053689
#2	.5110385	20.62224	.0009658	-.000545	7.563490	.0015222	.0044739
#3	.5094667	20.51003	.0013452	-.000338	7.219071	.0057266	.0058208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.738550	.2912936	.1104250	.0019755	7.050071	15.03768	-.005552
Stddev	.029034	.0019128	.0006114	.0003679	.008751	.06506	.000911
%RSD	.5059385	.6566468	.5536955	18.62510	.1241197	.4326570	16.40609

#1	5.754754	.2903749	.1102086	.0019164	7.060140	15.06915	-.006602
#2	5.755865	.2900135	.1111152	.0023693	7.045768	15.08102	-.004977
#3	5.705031	.2934923	.1099512	.0016406	7.044306	14.96287	-.005077

Sample Name: K2116-16 Acquired: 04/01/2019 15:26:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.006199	.0001436	.2868679
Stddev	.001726	.0013277	.0005539
%RSD	27.84455	924.3564	.1931023

#1	-.007311	.0016325	.2873616
#2	-.007075	-.000918	.2862688
#3	-.004210	-.000284	.2869733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.333	3858.424	59742.23	11737.54	4556.818
Stddev	8.622	9.739	176.83	32.84	6.581
%RSD	.3096682	.2524035	.2959886	.2797906	.1444303

#1	2789.701	3860.312	59789.30	11731.38	4556.316
#2	2774.387	3847.880	59546.63	11708.22	4550.503
#3	2788.910	3867.081	59890.77	11773.03	4563.637

Sample Name: K2116-17 Acquired: 04/01/2019 15:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0052697	.0008513	.0020519	.0017896	-.002365	-.017463	.1438300
Stddev	.0032796	.0039552	.0019565	.0018323	.001711	.010403	.0011439
%RSD	62.23559	464.6226	95.34946	102.3853	72.35119	59.57100	.7953516

#1	.0082659	.0053986	.0036607	.0002269	-.004304	-.008249	.1451407
#2	.0017659	-.001055	-.000126	.0013358	-.001726	-.028744	.1433172
#3	.0057773	-.001790	.002621	.0038062	-.001065	-.015395	.1430322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000682	-.000095	49.22559	.0000975	-.000765	-.002436	.8517298
Stddev	.0000320	.000029	.44417	.0003414	.000232	.001732	.0078020
%RSD	46.96947	31.08286	.9023224	350.1280	30.40509	71.09978	.9160169

#1	.0000898	-.000101	49.72997	-.000176	-.000497	-.003605	.8552190
#2	.0000833	-.000063	49.05395	-.000012	-.000921	-.000446	.8427922
#3	.0000314	-.000120	48.89285	.000480	-.000876	-.003256	.8571783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201865	15.69729	.0009616	-.000192	451.2664	.0031841	.0037566
Stddev	.0006480	.15358	.0002097	.000535	1.9175	.0012142	.0003575
%RSD	3.210081	.9783991	21.80326	277.8833	.4249192	38.13199	9.517296

#1	.0203914	15.87421	.0007887	-.000741	453.4703	.0024836	.0036145
#2	.0207072	15.61941	.0011948	-.000164	450.3488	.0045861	.0034920
#3	.0194608	15.59825	.0009013	.000327	449.9802	.0024826	.0041634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.769105	.2768197	.2734731	.1543263	64.76767	20.03987	-.002834
Stddev	.027686	.0030580	.0001119	.0020180	.88860	.12850	.000565
%RSD	.9998262	1.104693	.0409068	1.307635	1.371981	.6412283	19.93944

#1	2.748920	.2771064	.2734181	.1554246	65.29264	20.13790	-.002538
#2	2.800668	.2736285	.2733993	.1519973	63.74170	20.08733	-.003486
#3	2.757729	.2797244	.2736018	.1555569	65.26869	19.89439	-.002479

Sample Name: K2116-17 Acquired: 04/01/2019 15:31:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.000158	-.007613	.2197162
Stddev	.001669	.002111	.0007130
%RSD	1056.138	27.73194	.3244904

#1	-.002079	-.008812	.2205345
#2	.000672	-.005175	.2192291
#3	.000933	-.008852	.2193850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.724	3752.544	58017.73	11560.39	4257.740
Stddev	15.618	43.638	265.69	49.01	49.757
%RSD	.5793585	1.162880	.4579528	.4239540	1.168614

#1	2686.789	3729.657	58219.58	11508.00	4229.247
#2	2713.758	3802.864	58116.89	11568.04	4315.194
#3	2686.625	3725.112	57716.71	11605.12	4228.780

Sample Name: K2116-18 Acquired: 04/01/2019 15:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0034953	.0006454	.0012873	-.001467	-.002955	-.032190	.0872887
Stddev	.0019173	.0015731	.0010392	.000818	.001075	.007674	.0012216
%RSD	54.85294	243.7237	80.72647	55.71869	36.36709	23.84023	1.399501

#1	.0055084	.0024066	.0003108	-.001627	-.002640	-.038061	.0858922
#2	.0032868	-.000620	.0011716	-.002194	-.002073	-.035003	.0878148
#3	.0016909	.000150	.0023795	-.000582	-.004152	-.023506	.0881591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000796	.0000123	69.79653	.0005430	-.000772	-.003315	.2535716
Stddev	.0001293	.0000843	.91004	.0002543	.000404	.000881	.0100041
%RSD	162.3529	684.2190	1.303848	46.82693	52.31831	26.56684	3.945287

#1	.0001858	.0000118	68.74634	.0003347	-.000648	-.003510	.2439765
#2	-.000064	.0000969	70.35323	.0008264	-.000444	-.002354	.2639398
#3	.000117	-.000072	70.29002	.0004681	-.001222	-.004083	.2527984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2460419	18.33595	.0014661	.0006915	21.00194	.0010324	.0028348
Stddev	.0035344	.16131	.0003918	.0006932	.06689	.0022493	.0006668
%RSD	1.436502	.8797259	26.72367	100.2506	.3185003	217.8728	23.52015

#1	.2419684	18.15028	.0019045	.0005481	20.99812	.0000192	.0034827
#2	.2482943	18.44162	.0011502	.0000811	20.93705	.0036101	.0021507
#3	.2478631	18.41594	.0013436	.0014451	21.07066	-.000532	.0028710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97933	.0022465	.1436500	.0284593	33.50051	7.192308	-.004961
Stddev	.08183	.0012245	.0017127	.0002522	.18438	.090996	.001571
%RSD	.5120747	54.50585	1.192264	.8863574	.5503845	1.265187	31.66419

#1	15.88791	.0010248	.1420037	.0281912	33.43609	7.125902	-.003664
#2	16.04571	.0022410	.1454222	.0284948	33.70846	7.154993	-.006708
#3	16.00436	.0034738	.1435240	.0286919	33.35698	7.296031	-.004512

Sample Name: K2116-18 Acquired: 04/01/2019 15:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.004446	-.004306	.3788174
Stddev	.002247	.000780	.0009945
%RSD	50.53916	18.10612	.2625316

#1	-.004088	-.004123	.3777711
#2	-.006850	-.003634	.3797505
#3	-.002399	-.005161	.3789304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.495	3857.941	59228.39	11739.76	4558.346
Stddev	27.949	9.772	550.61	105.64	7.240
%RSD	1.011741	.2532950	.9296316	.8998818	.1588283

#1	2769.039	3848.524	59078.13	11859.02	4552.199
#2	2731.854	3857.266	58768.52	11702.36	4556.514
#3	2786.592	3868.033	59838.53	11657.90	4566.327

Sample Name: K2116-19 Acquired: 04/01/2019 15:39:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0133841	.0033195	.0033008	-.002510	-.003178	-.030874	.2141724
Stddev	.0065844	.0006592	.0011873	.002518	.001815	.004177	.0017510
%RSD	49.19561	19.85935	35.97014	100.2872	57.09765	13.52915	.8175692

#1	.0206372	.0028427	.0041027	-.001201	-.005203	-.035442	.2122732
#2	.0077833	.0030440	.0019368	-.000917	-.001698	-.027250	.2157227
#3	.0117317	.0040718	.0038628	-.005413	-.002634	-.029930	.2145213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000789	-.000170	91.34495	.0002141	.0003565	-.000648	1.362061
Stddev	.0000347	.000062	.42670	.0002445	.0001772	.001117	.019529
%RSD	43.95159	36.33522	.4671336	114.1557	49.69534	172.4820	1.433764

#1	.0001176	-.000115	90.85922	-.000034	.0001801	-.001633	1.374537
#2	.0000685	-.000158	91.51622	.000455	.0005345	-.000876	1.372091
#3	.0000506	-.000236	91.65941	.000221	.0003549	.000566	1.339555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451411	46.30575	.0079276	.0007630	577.2489	.0037324	.0021623
Stddev	.0005703	.19221	.0002484	.0007088	1.0689	.0021913	.0007110
%RSD	1.263356	.4150836	3.133350	92.89443	.1851720	58.71043	32.87940

#1	.0444834	46.11250	.0077895	.0015709	576.0664	.0023319	.0029748
#2	.0454416	46.49690	.0077790	.0004727	578.1465	.0026077	.0018578
#3	.0454984	46.30785	.0082144	.0002455	577.5338	.0062577	.0016543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.332457	.2368813	.7335884	.1580517	125.5597	23.28507	-.004901
Stddev	.027099	.0065042	.0043766	.0009080	.8944	.11931	.001111
%RSD	.4279455	2.745750	.5965957	.5745200	.7123127	.5124018	22.66429

#1	6.304067	.2443546	.7285389	.1589751	126.5458	23.24428	-.006166
#2	6.335256	.2324995	.7359374	.1571599	125.3324	23.41943	-.004453
#3	6.358049	.2337897	.7362890	.1580202	124.8009	23.19150	-.004084

Sample Name: K2116-19 Acquired: 04/01/2019 15:39:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.003185	-.001484	.7619990
Stddev	.001735	.000658	.0022988
%RSD	54.48145	44.35597	.3016847

#1	-.004621	-.002059	.7593551
#2	-.001257	-.000766	.7635258
#3	-.003679	-.001626	.7631160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.827	3717.645	57596.67	11605.54	4153.779
Stddev	11.785	9.908	178.38	60.90	11.127
%RSD	.4394395	.2665258	.3096991	.5247083	.2678710

#1	2678.935	3729.010	57634.08	11654.94	4166.131
#2	2694.788	3713.102	57753.37	11537.51	4150.663
#3	2671.757	3710.823	57402.55	11624.17	4144.542

Sample Name: K2116-20 Acquired: 04/01/2019 15:43:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0066345	.0014782	-.000202	-.003136	-.003045	-.024379	.0354407
Stddev	.0022453	.0007093	.002336	.001507	.001326	.006981	.0003477
%RSD	33.84258	47.98191	1156.837	48.06993	43.54361	28.63655	.9809458

#1	.0051095	.0017276	.001740	-.001620	-.004368	-.023211	.0356797
#2	.0092128	.0006779	.000449	-.003153	-.001717	-.018056	.0350419
#3	.0055813	.0020292	-.002795	-.004635	-.003049	-.031871	.0356006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000535	-.000102	38.77852	.0004360	-.000774	-.002649	.4583019
Stddev	.0000305	.000045	.23688	.0004169	.000473	.000621	.0035523
%RSD	56.90407	44.04520	.6108477	95.61440	61.07905	23.42895	.7750909

#1	.0000636	-.000143	38.77095	.0005282	-.001214	-.003034	.4591861
#2	.0000776	-.000108	38.54552	.0007991	-.000274	-.001933	.4543911
#3	.0000193	-.000054	39.01910	-.000019	-.000835	-.002981	.4613286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393948	4.561513	.0021328	.0004465	7.526574	.0021524	.0059409
Stddev	.0013938	.030398	.0002959	.0004224	.107682	.0023184	.0022446
%RSD	.9998670	.6664002	13.87170	94.59949	1.430696	107.7131	37.78208

#1	.1383086	4.567263	.0022001	.0005106	7.418711	.0014363	.0070735
#2	.1389095	4.588626	.0023892	.0008332	7.634075	.0047444	.0073936
#3	.1409664	4.528651	.0018091	-.000004	7.526936	.0002765	.0033557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.648181	.0065176	.1225207	.0333086	20.10670	7.685227	-.004555
Stddev	.024882	.0017409	.0016602	.0005461	.10605	.083412	.001871
%RSD	.3742618	26.71150	1.355011	1.639402	.5274269	1.085354	41.06671

#1	6.651927	.0047258	.1206163	.0336561	20.02351	7.627628	-.003629
#2	6.621639	.0066240	.1232829	.0335906	20.22611	7.647173	-.003328
#3	6.670978	.0082028	.1236629	.0326792	20.07048	7.780879	-.006708

Sample Name: K2116-20 Acquired: 04/01/2019 15:43:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.002466	-.004930	.1306093
Stddev	.001417	.000592	.0004978
%RSD	57.46128	12.01271	.3811169

#1	-.003927	-.005561	.1307167
#2	-.002373	-.004387	.1300666
#3	-.001098	-.004842	.1310447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.804	3914.871	60205.66	11900.78	4649.929
Stddev	6.809	20.200	374.06	95.07	16.986
%RSD	.2430287	.5159740	.6212968	.7988672	.3652866

#1	2801.769	3931.380	59878.72	11925.88	4663.072
#2	2808.631	3892.347	60613.57	11980.78	4630.750
#3	2795.013	3920.886	60124.68	11795.67	4655.966

Sample Name: K2116-21 Acquired: 04/01/2019 15:47:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0042190	.0015009	-.001019	-.003227	-.004118	-.012695	.0002574
Stddev	.0022193	.0006966	.001081	.005235	.001445	.003583	.0002289
%RSD	52.60290	46.41432	106.0858	162.2225	35.08243	28.22492	88.90730

#1	.0067185	.0011130	-.000265	.002814	-.005319	-.012850	.0000305
#2	.0024795	.0010845	-.002257	-.006063	-.002515	-.009037	.0002536
#3	.0034591	.0023051	-.000535	-.006431	-.004518	-.016198	.0004881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001386	-.000125	.0052971	-.000159	.0003254	-.004841	-.024420
Stddev	.0000470	.000066	.0105462	.000150	.0002230	.002764	.004707
%RSD	33.92932	52.56431	199.0942	94.13470	68.53206	57.08410	19.27580

#1	.0001149	-.000092	.0128637	-.000035	.0005438	-.008032	-.025985
#2	.0001928	-.000082	-.006750	-.000116	.0003343	-.003288	-.028144
#3	.0001082	-.000201	.009777	-.000325	.0000981	-.003204	-.019129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000296	.0195412	.0008777	.0002601	.3385290	.0009550	.2439133
Stddev	.000335	.0157425	.0004263	.0002759	.4828748	.0015863	.0016005
%RSD	113.4390	80.56060	48.56975	106.0724	142.6391	166.0959	.6561533

#1	-.000377	.0181100	.0012886	.0005702	.2781777	-.000876	.2450618
#2	-.000583	.0045632	.0009072	.0000418	.8487425	.001904	.2420852
#3	.000073	.0359504	.0004375	.0001683	-.111333	.001838	.2445928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.633965	.0010960	.0057641	-.000533	.0001517	-.003616	-.000174
Stddev	.035153	.0008185	.0013815	.000534	.0043368	.000357	.000365
%RSD	5.545025	74.68308	23.96778	100.1327	2859.819	9.871325	209.9149

#1	-.611526	.0006224	.0045642	-.000831	.0048337	-.003882	-.000501
#2	-.615890	.0020412	.0054536	.000083	-.003728	-.003210	.000219
#3	-.674478	.0006245	.0072744	-.000851	-.000651	-.003755	-.000238

Sample Name: K2116-21 Acquired: 04/01/2019 15:47:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.000864	-.012033	.0000709
Stddev	.000318	.001068	.0000503
%RSD	36.79342	8.873583	70.99407

#1	-.000512	-.011551	.0001273
#2	-.000948	-.011292	.0000551
#3	-.001131	-.013257	.0000304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.642	4015.550	60795.44	11911.34	4761.401
Stddev	19.305	9.726	440.90	136.58	15.756
%RSD	.6736683	.2422068	.7252264	1.146633	.3309040

#1	2877.270	4024.240	61020.53	11870.26	4776.786
#2	2876.298	4017.365	61078.36	12063.74	4762.118
#3	2843.358	4005.044	60287.42	11800.01	4745.299

Sample Name: K2116-22 Acquired: 04/01/2019 15:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0037273	.0019871	-.001062	-.007827	-.003639	.0064251	.0004927
Stddev	.0001269	.0019541	.001196	.002001	.000436	.0036919	.0000254
%RSD	3.404847	98.33917	112.6769	25.56635	11.97683	57.46159	5.159060

#1	.0038169	.0019841	-.002236	-.008683	-.003400	.0060984	.0005053
#2	.0035821	.0039428	-.001104	-.009257	-.004142	.0102695	.0004635
#3	.0037829	.0000345	.000155	-.005540	-.003375	.0029073	.0005094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001099	-.000103	.0304112	.0001514	.0003997	-.002953	.0091727
Stddev	.0000583	.000029	.0022843	.0000805	.0001361	.002650	.0102952
%RSD	53.03896	28.59950	7.511359	53.20210	34.04393	89.73357	112.2372

#1	.0001403	-.000084	.0309991	.0001789	.0005443	-.004235	-.002630
#2	.0000427	-.000088	.0323440	.0002146	.0002742	.000094	.013845
#3	.0001466	-.000137	.0278904	.0000607	.0003806	-.004718	.016303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002830	.0005185	.0010725	.0000562	-.106608	.0009041	.0006437
Stddev	.0001737	.0117966	.0005186	.0002630	.065593	.0025326	.0008461
%RSD	61.35953	2275.184	48.35596	467.7288	61.52782	280.1237	131.4320

#1	.0001475	.0067773	.0004737	.0000141	-.158418	-.000159	-.000333
#2	.0004788	.0078667	.0013645	.0003378	-.128549	.003795	.001109
#3	.0002228	-.013088	.0013793	-.000183	-.032856	-.000924	.001155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.632118	-.002042	.0053291	-.000524	-.000604	-.004193	-.001631
Stddev	.039161	.001163	.0001960	.000088	.001955	.001966	.000986
%RSD	6.195251	56.93207	3.677770	16.77332	323.3954	46.89493	60.45730

#1	-.642705	-.001590	.0055115	-.000554	.000506	-.002174	-.000515
#2	-.588752	-.001174	.0051218	-.000425	.000543	-.004303	-.002383
#3	-.664898	-.003363	.0053541	-.000593	-.002862	-.006102	-.001994

Sample Name: K2116-22 Acquired: 04/01/2019 15:51:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.000505	-.012175	.0003640
Stddev	.000678	.000735	.0000172
%RSD	134.1764	6.032852	4.724631

#1	-.001247	-.012921	.0003443
#2	-.000354	-.011453	.0003761
#3	.000084	-.012153	.0003716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.402	4008.994	60683.11	11956.73	4747.113
Stddev	8.048	4.019	328.56	105.30	5.534
%RSD	.2819431	.1002447	.5414330	.8806756	.1165665

#1	2850.429	4013.590	60573.34	12077.63	4752.947
#2	2849.113	4007.249	60423.49	11907.45	4746.456
#3	2863.664	4006.143	61052.50	11885.10	4741.938

Sample Name: K2021-01DLX2 Acquired: 04/01/2019 15:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0245362	.0371223	1.758523	-.082435	.0226431	65.85307	.5085712
Stddev	.0038472	.0005331	.008356	.006527	.0003584	.14856	.0042687
%RSD	15.67961	1.436142	.4751461	7.918144	1.582813	.2255980	.8393552

#1	.0213476	.0376487	1.749491	-.077733	.0229335	66.02410	.5134402
#2	.0288092	.0365827	1.765978	-.079684	.0227533	65.75612	.5054724
#3	.0234517	.0371355	1.760099	-.089887	.0222426	65.77897	.5068009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243500	.0270146	581.4200	.4452788	.1096339	2.995130	524.2197
Stddev	.0002154	.0002790	4.9904	.0029374	.0005000	.006691	2.4577
%RSD	.8844458	1.032959	.8583053	.6596878	.4560791	.2233797	.4688249

#1	.0244958	.0267541	586.5144	.4483465	.1091713	2.997622	526.9438
#2	.0241026	.0269806	576.5407	.4449981	.1095660	2.987551	522.1688
#3	.0244515	.0273091	581.2050	.4424918	.1101644	3.000216	523.5464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.604757	37.23396	.6052932	-.030193	4.173733	.6178762	8.098787
Stddev	.024211	.19611	.0019362	.000955	.116272	.0021709	.054741
%RSD	.6716503	.5266897	.3198820	3.164204	2.785809	.3513545	.6759206

#1	3.630281	37.42318	.6032185	-.031296	4.102376	.6203691	8.129815
#2	3.582116	37.03162	.6070522	-.029643	4.307902	.6164019	8.130966
#3	3.601875	37.24707	.6056088	-.029639	4.110921	.6168575	8.035581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.906279	2.001908	-.996541	.0833496	8.393863	18.23851	.2389784
Stddev	.068220	.020264	.010988	.0002186	.069273	.06028	.0016716
%RSD	1.746413	1.012220	1.102588	.2622066	.8252763	.3305165	.6994745

#1	3.981993	1.978815	-.986938	.0834683	8.314863	18.30353	.2383289
#2	3.849595	2.010188	-1.00852	.0834830	8.422498	18.18448	.2408773
#3	3.887248	2.016720	-.99416	.0830974	8.444226	18.22751	.2377291

Sample Name: K2021-01DLX2 Acquired: 04/01/2019 15:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	3.762059	.0729045	3.232402
Stddev	.011067	.0009278	.005208
%RSD	.2941640	1.272563	.1611267

#1	3.774834	.0738615	3.238412
#2	3.755413	.0728431	3.229584
#3	3.755929	.0720091	3.229210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.981	3655.417	58298.21	11724.18	3969.735
Stddev	20.823	11.543	431.07	57.02	6.589
%RSD	.7893589	.3157776	.7394218	.4863773	.1659781

#1	2623.201	3649.490	57939.20	11666.97	3971.101
#2	2628.947	3648.041	58179.13	11781.01	3962.571
#3	2661.796	3668.720	58776.30	11724.57	3975.535

Sample Name: K2021-02DLX2 Acquired: 04/01/2019 15:59:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0206958	.0368038	1.751336	-.080605	.0231862	65.73250	.5080192
Stddev	.0013093	.0023325	.002565	.005450	.0015220	.32441	.0047982
%RSD	6.326553	6.337634	.1464669	6.761662	6.564215	.4935367	.9444996

#1	.0213123	.0350415	1.748377	-.083693	.0245808	65.39666	.5031740
#2	.0215830	.0359211	1.752700	-.074312	.0215627	66.04413	.5127690
#3	.0191920	.0394488	1.752930	-.083809	.0234152	65.75671	.5081147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246291	.0269372	582.2778	.4447907	.1086154	2.995166	524.4300
Stddev	.0003994	.0002625	4.9487	.0003753	.0004597	.017336	2.5617
%RSD	1.621870	.9745977	.8498904	.0843748	.4232205	.5788098	.4884782

#1	.0242437	.0272393	576.9395	.4444241	.1082643	2.978124	521.9298
#2	.0250412	.0268086	586.7123	.4451741	.1091357	2.994592	527.0491
#3	.0246022	.0267638	583.1816	.4447740	.1084462	3.012782	524.3109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.613707	37.24764	.6045272	-.030269	3.858711	.6199238	8.117267
Stddev	.024606	.23791	.0007889	.000379	.312009	.0031760	.040039
%RSD	.6809103	.6387162	.1305069	1.251508	8.085827	.5123249	.4932582

#1	3.587756	37.09457	.6049747	-.030389	3.498451	.6183539	8.147733
#2	3.636701	37.52172	.6036163	-.030573	4.035894	.6235790	8.071918
#3	3.616664	37.12662	.6049907	-.029845	4.041789	.6178384	8.132150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.761689	1.992334	-1.02719	.0814593	8.362944	18.36916	.2360122
Stddev	.068761	.010903	.00767	.0006346	.021249	.16576	.0001769
%RSD	1.827921	.5472596	.7470611	.7790786	.2540838	.9024069	.0749629

#1	3.759726	1.991614	-1.02803	.0810073	8.354362	18.23923	.2361975
#2	3.693931	1.981808	-1.03441	.0811857	8.347328	18.55585	.2358450
#3	3.831410	2.003579	-1.01913	.0821848	8.387141	18.31241	.2359941

Sample Name: K2021-02DLX2 Acquired: 04/01/2019 15:59:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	3.762141	.0633113	3.226714
Stddev	.027294	.0024280	.004428
%RSD	.7254916	3.835068	.1372351

#1	3.730676	.0621634	3.221649
#2	3.779438	.0661004	3.229855
#3	3.776308	.0616700	3.228638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.414	3669.066	58498.89	11730.14	3980.278
Stddev	15.860	7.669	355.60	112.46	4.491
%RSD	.5983877	.2090122	.6078749	.9587678	.1128408

#1	2639.864	3672.967	58129.29	11788.49	3975.228
#2	2642.725	3660.231	58528.79	11600.49	3981.777
#3	2668.653	3674.001	58838.60	11801.44	3983.827

Sample Name: K2021-03DLX2 Acquired: 04/01/2019 16:03:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0661430	.1027869	1.855005	-.068099	.1396858	74.95095	3.114081
Stddev	.0030668	.0095960	.005461	.006411	.0019723	6.23506	.260112
%RSD	4.636565	9.335864	.2943962	9.414058	1.411934	8.318854	8.352777

#1	.0689814	.0993881	1.859501	-.075128	.1375058	71.49958	2.974788
#2	.0665575	.1136197	1.848928	-.062573	.1413463	82.14857	3.414176
#3	.0628901	.0953528	1.856587	-.066597	.1402053	71.20471	2.953279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836550	.0834025	649.2181	.6883883	.7132142	3.628251	576.2957
Stddev	.0053884	.0014445	53.1441	.0034163	.0015259	.302110	47.3671
%RSD	6.441169	1.731983	8.185856	.4962804	.2139428	8.326608	8.219229

#1	.0806442	.0842276	611.8865	.6910384	.7136226	3.463390	550.9197
#2	.0898758	.0817346	710.0627	.6845326	.7115257	3.976926	630.9442
#3	.0804448	.0842454	625.7051	.6895939	.7144943	3.444437	547.0232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.606846	41.24036	1.227219	.0285176	4.000611	1.285714	9.107786
Stddev	.371926	3.39080	.002487	.0014420	.035422	.107666	.130220
%RSD	8.073336	8.222043	.2026308	5.056403	.8854164	8.374014	1.429769

#1	4.409117	39.32546	1.226144	.0283241	4.020627	1.221965	9.008371
#2	5.035871	45.15541	1.225451	.0300465	4.021493	1.410022	9.255191
#3	4.375548	39.24021	1.230063	.0271821	3.959712	1.225154	9.059796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.131771	2.083618	-1.13083	.0843940	8.801928	20.90976	.2464362
Stddev	.417360	.009193	.05778	.0007384	.033274	1.38941	.0030578
%RSD	10.10123	.4411801	5.109150	.8749667	.3780341	6.644806	1.240817

#1	3.938885	2.081695	-1.09981	.0836243	8.816113	20.17008	.2453549
#2	4.610686	2.075539	-1.19749	.0844613	8.763912	22.51254	.2498878
#3	3.845740	2.093620	-1.09519	.0850965	8.825759	20.04667	.2440659

Sample Name: K2021-03DLX2 Acquired: 04/01/2019 16:03:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.193720	.0693637	3.542188
Stddev	.336337	.0073953	.300360
%RSD	8.020007	10.66162	8.479499

#1	4.004590	.0649578	3.385243
#2	4.582044	.0779016	3.888508
#3	3.994525	.0652317	3.352814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.782	3635.935	57871.86	11138.32	3925.817
Stddev	13.219	10.857	277.58	732.83	6.872
%RSD	.5030488	.2985987	.4796378	6.579361	.1750438

#1	2635.718	3645.577	57987.81	11521.32	3931.203
#2	2612.522	3638.052	57555.12	10293.35	3928.170
#3	2635.107	3624.175	58072.67	11600.30	3918.077

Sample Name: K2021-08DLX5 Acquired: 04/01/2019 16:07:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0220461	.0046777	.0887357	-.011412	.0003061	15.08860	.0904035
Stddev	.0059458	.0007219	.0008703	.001866	.0020106	.02144	.0006817
%RSD	26.97010	15.43298	.9807942	16.35241	656.8114	.1420817	.7540689

#1	.0282219	.0042526	.0897065	-.011819	.0013236	15.10508	.0911386
#2	.0215556	.0055113	.0884752	-.009376	-.002010	15.06436	.0897921
#3	.0163606	.0042693	.0880253	-.013041	.001605	15.09636	.0902799

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008845	.0008521	446.7238	.0584923	.0178783	.0869425	52.86577
Stddev	.0000882	.0000401	3.3371	.0006817	.0001789	.0017695	.24103
%RSD	9.972285	4.708764	.7470081	1.165432	1.000521	2.035253	.4559221

#1	.0008514	.0008247	447.7077	.0592627	.0178278	.0876779	52.97865
#2	.0009844	.0008982	443.0054	.0582469	.0177301	.0849239	52.58902
#3	.0008176	.0008336	449.4583	.0579672	.0180770	.0882258	53.02965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8941446	8.069062	.0299526	-.003198	3.002904	.1276316	.1032329
Stddev	.0038889	.039376	.0002073	.000379	.104480	.0025676	.0027569
%RSD	.4349329	.4879852	.6921570	11.84019	3.479288	2.011710	2.670576

#1	.8954983	8.077561	.0299212	-.003288	3.108034	.1295610	.1056208
#2	.8897597	8.026130	.0301738	-.003524	3.001591	.1247174	.1002158
#3	.8971758	8.103494	.0297627	-.002783	2.899087	.1286162	.1038621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8817080	.4939447	-.079031	.0040720	1.888638	8.134932	-.003378
Stddev	.0352329	.0051839	.000390	.0004930	.005988	.026456	.000915
%RSD	3.995986	1.049487	.4933653	12.10673	.3170695	.3252090	27.09089

#1	.9198999	.4962603	-.079429	.0035539	1.894686	8.152058	-.002322
#2	.8747526	.4975672	-.078650	.0045353	1.888517	8.104462	-.003920
#3	.8504714	.4880066	-.079014	.0041269	1.882711	8.148276	-.003893

Sample Name: K2021-08DLX5 Acquired: 04/01/2019 16:07:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.8487202	.0154454	3.380143
Stddev	.0013958	.0008643	.031202
%RSD	.1644601	5.595891	.9231020

#1	.8472126	.0150542	3.347751
#2	.8489803	.0164361	3.382676
#3	.8499676	.0148458	3.410001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.715	3713.680	57847.32	11612.31	4158.437
Stddev	10.720	5.340	245.18	51.49	3.333
%RSD	.4053217	.1438039	.4238425	.4434363	.0801391

#1	2635.972	3712.888	57661.28	11594.68	4154.599
#2	2656.674	3719.371	58125.15	11670.30	4160.105
#3	2641.499	3708.779	57755.52	11571.94	4160.605

Sample Name: K2021-09DLX2 Acquired: 04/01/2019 16:11:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.006911	.0556703	2.228695	-.118307	.0310124	64.93131	.6989477
Stddev	.005462	.0019714	.003131	.007461	.0008504	.19351	.0071151
%RSD	79.02809	3.541120	.1404889	6.306438	2.741955	.2980302	1.017966

#1	-.001018	.0560941	2.231028	-.123934	.0304506	64.92124	.7049053
#2	-.011804	.0535215	2.225137	-.109844	.0305959	64.74303	.6910694
#3	-.007911	.0573953	2.229921	-.121144	.0319907	65.12967	.7008682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072629	.0241263	153.6792	.7352430	.1125485	2.964670	789.6863
Stddev	.0001893	.0001701	1.4231	.0020405	.0001361	.003268	4.9475
%RSD	2.605795	.7049172	.9260514	.2775347	.1209379	.1102388	.6265137

#1	.0074813	.0239324	154.6765	.7333515	.1127041	2.965517	792.1844
#2	.0071488	.0241964	152.0494	.7374055	.1124514	2.967432	783.9878
#3	.0071584	.0242502	154.3116	.7349720	.1124901	2.961062	792.8866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.659592	42.01382	.6131396	-.043174	-.019674	.5492630	12.63966
Stddev	.048493	.34256	.0010653	.000790	.649813	.0032959	.10258
%RSD	.8568366	.8153508	.1737516	1.829397	3302.836	.6000642	.8115517

#1	5.684275	41.98149	.6141714	-.043026	.244508	.5524198	12.65267
#2	5.603723	41.68858	.6120436	-.042468	.456439	.5458436	12.73511
#3	5.690778	42.37141	.6132039	-.044027	-.759970	.5495255	12.53120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.524487	1.889493	-1.68408	.0775557	3.277731	18.85201	.5052061
Stddev	.065440	.001427	.03474	.0008362	.016227	.19634	.0020152
%RSD	4.292608	.0755255	2.062583	1.078153	.4950622	1.041463	.3988852

#1	1.479054	1.888688	-1.67873	.0771723	3.296292	18.86828	.5055442
#2	1.494914	1.888650	-1.65234	.0769800	3.270670	18.64804	.5030433
#3	1.599494	1.891140	-1.72119	.0785148	3.266230	19.03971	.5070309

Sample Name: K2021-09DLX2 Acquired: 04/01/2019 16:11:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	6.235975	.0264302	.6012317
Stddev	.029318	.0022904	.0007501
%RSD	.4701420	8.665669	.1247585

#1	6.262776	.0290707	.6020971
#2	6.204663	.0252397	.6007680
#3	6.240487	.0249803	.6008300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.538	3713.834	57732.01	11560.52	4119.932
Stddev	15.708	9.019	294.35	72.45	9.330
%RSD	.5921768	.2428393	.5098478	.6267444	.2264676

#1	2644.994	3724.123	57613.03	11512.55	4130.670
#2	2642.026	3707.297	57515.78	11643.87	4113.808
#3	2670.595	3710.082	58067.22	11525.15	4115.318

Sample Name: K2021-10DLX2 Acquired: 04/01/2019 16:15:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.008144	.0373799	1.021182	-.075341	.0193467	32.89055	.4730986
Stddev	.002873	.0009342	.003070	.002699	.0006399	.08436	.0009358
%RSD	35.27764	2.499146	.3005959	3.582859	3.307644	.2564905	.1978014

#1	-.011061	.0372034	1.018783	-.076583	.0187893	32.92871	.4720689
#2	-.005317	.0365466	1.020121	-.072244	.0192053	32.94909	.4738972
#3	-.008053	.0383898	1.024641	-.077196	.0200455	32.79385	.4733296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052321	.0109874	79.67034	.6172413	.0678261	1.705025	529.2465
Stddev	.0002405	.0003514	.16389	.0023294	.0005486	.008791	1.3184
%RSD	4.596378	3.197964	.2057044	.3773968	.8087970	.5155870	.2491129

#1	.0051441	.0106092	79.61343	.6158170	.0675467	1.701558	528.8333
#2	.0050481	.0110492	79.85509	.6159774	.0674735	1.715020	530.7220
#3	.0055042	.0113037	79.54250	.6199296	.0684582	1.698495	528.1841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.254277	15.93964	.3721351	-.029639	.2653880	.3253812	5.076428
Stddev	.011031	.09540	.0013784	.001194	.2881370	.0033087	.010157
%RSD	.3389817	.5985286	.3703906	4.027185	108.5720	1.016857	.2000869

#1	3.245958	15.82992	.3706091	-.029737	.0955230	.3258986	5.085451
#2	3.266790	16.00306	.3725064	-.028400	.5980751	.3218443	5.078405
#3	3.250083	15.98594	.3732897	-.030781	.1025658	.3284006	5.065427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9339513	1.038507	-1.07774	.0721691	1.645781	14.90577	.1970636
Stddev	.0430929	.002398	.00845	.0004545	.001919	.06625	.0004237
%RSD	4.614043	.2308764	.7837407	.6297717	.1166194	.4444644	.2150278

#1	.9836902	1.040220	-1.06831	.0718752	1.645373	14.83787	.1975408
#2	.9078461	1.039534	-1.08030	.0719396	1.644099	14.90920	.1967313
#3	.9103174	1.035767	-1.08462	.0726926	1.647872	14.97024	.1969187

Sample Name: K2021-10DLX2 Acquired: 04/01/2019 16:15:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2.906997	.0095310	.2284544
Stddev	.004174	.0007861	.0008342
%RSD	.1435856	8.247346	.3651327

#1	2.908112	.0102968	.2292579
#2	2.910501	.0087261	.2285128
#3	2.902379	.0095703	.2275926

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.318	3795.261	58707.02	11744.95	4287.016
Stddev	9.337	3.813	60.74	21.13	10.493
%RSD	.3450143	.1004791	.1034702	.1798815	.2447601

#1	2700.689	3793.099	58709.98	11761.91	4296.849
#2	2717.096	3799.664	58766.23	11751.65	4288.231
#3	2701.168	3793.019	58644.85	11721.28	4275.969

Sample Name: K2021-01LDLX10 Acquired: 04/01/2019 16:19:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0048253	.0088140	.3606647	-.017551	.0028414	13.60188	.1067100
Stddev	.0060973	.0009204	.0021202	.003351	.0004707	.07696	.0014610
%RSD	126.3613	10.44217	.5878693	19.09344	16.56495	.5658357	1.369142

#1	-.002215	.0078227	.3616787	-.017121	.0025506	13.59941	.1071475
#2	.008274	.0096414	.3620874	-.014436	.0033845	13.68005	.1079023
#3	.008417	.0089780	.3582278	-.021096	.0025893	13.52618	.1050802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053301	.0052760	123.5283	.0967716	.0206962	.6342619	113.8068
Stddev	.0002071	.0000409	1.7533	.0008179	.0003217	.0013800	1.1317
%RSD	3.885630	.7755277	1.419321	.8451885	1.554342	.2175807	.9943738

#1	.0052792	.0052379	124.1296	.0960412	.0204344	.6327632	114.1224
#2	.0055579	.0052708	124.9018	.0966183	.0205990	.6354802	114.7471
#3	.0051531	.0053193	121.5535	.0976553	.0210553	.6345422	112.5508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7868872	8.054774	.1239718	-.005605	.6666580	.1323951	1.711981
Stddev	.0089138	.060944	.0002493	.000412	.2047880	.0021833	.014770
%RSD	1.132789	.7566203	.2010725	7.353353	30.71860	1.649070	.8627588

#1	.7902366	8.041781	.1236982	-.006044	.4363875	.1336521	1.702836
#2	.7936411	8.121167	.1240310	-.005226	.8283738	.1336592	1.704087
#3	.7767839	8.001374	.1241860	-.005544	.7352128	.1298741	1.729021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7377305	.3903308	-.213390	.0163897	1.623660	3.945414	.0427276
Stddev	.0825628	.0045656	.006850	.0006326	.011955	.059288	.0003864
%RSD	11.19146	1.169680	3.210241	3.859502	.7363284	1.502708	.9043325

#1	.7970769	.3863722	-.216960	.0166739	1.620810	3.971835	.0430917
#2	.6434421	.3892947	-.217717	.0156649	1.636783	3.986897	.0427689
#3	.7726725	.3953254	-.205492	.0168303	1.613387	3.877508	.0423222

Sample Name: K2021-01LDLX10 Acquired: 04/01/2019 16:19:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.8006141	.0101596	.6728939
Stddev	.0086979	.0021705	.0028157
%RSD	1.086408	21.36350	.4184522

#1	.7994689	.0125654	.6724904
#2	.8098279	.0095651	.6758896
#3	.7925455	.0083484	.6703017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.542	3769.992	57778.46	11455.33	4332.313
Stddev	7.844	10.110	220.54	161.82	7.488
%RSD	.2935015	.2681744	.3816989	1.412612	.1728420

#1	2681.564	3758.551	57882.76	11395.72	4323.693
#2	2668.722	3773.700	57927.51	11331.78	4337.218
#3	2667.340	3777.724	57525.12	11638.50	4336.026

Sample Name: CCV062 Acquired: 04/01/2019 16:23:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.835856	4.852948	24.95183	4.725774	4.759094	392.4274
Stddev	.013548	.025081	.05770	.004232	.010224	31.7571
%RSD	.2801580	.5168236	.2312466	.0895611	.2148413	8.092474

#1	4.841843	4.828535	24.88521	4.723999	4.764928	355.7618
#2	4.845380	4.851661	24.98452	4.730605	4.747288	410.2738
#3	4.820346	4.878648	24.98576	4.722718	4.765065	411.2466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.598500	.5035711	2.441095	407.1953	14.70502	2.464663
Stddev	.869734	.0378025	.004938	37.0800	.09755	.004391
%RSD	9.061141	7.506895	.2022700	9.106205	.6634014	.1781384

#1	8.594339	.4599837	2.435405	364.3941	14.72208	2.459690
#2	10.08711	.5233313	2.443623	427.6108	14.79292	2.468001
#3	10.11406	.5273983	2.444256	429.5811	14.60006	2.466298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41132	403.0763	14.50112	391.3095	2.445105	1.238137
Stddev	1.28518	36.5243	1.33127	35.4806	.003522	.006839
%RSD	8.917882	9.061387	9.180481	9.067140	.1440445	.5523941

#1	12.92782	360.9099	12.96479	350.3621	2.441086	1.239096
#2	15.18653	423.4391	15.22402	410.6188	2.447653	1.244447
#3	15.11961	424.8800	15.31456	412.9477	2.446578	1.230869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	382.8420	2.321286	15.36668	145.9013	5.041477	F 4.040806
Stddev	33.7101	.207998	.20799	12.1667	.019182	.332034
%RSD	8.805222	8.960444	1.353526	8.338998	.3804862	8.217028

#1	343.9299	2.081124	15.17016	131.8543	5.021186	3.657675
#2	403.1704	2.443514	15.58450	153.1212	5.043931	4.219936
#3	401.4256	2.439220	15.34538	152.7286	5.059314	4.244808

Sample Name: CCV062 Acquired: 04/01/2019 16:23:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.536405	5.020337	4.764940	4.831346	4.871774	4.754939
Stddev	.009977	.008157	.356818	.011041	.445987	.430143
%RSD	.2199349	.1624836	7.488397	.2285224	9.154502	9.046236

#1	4.540658	5.029206	4.353264	4.820840	4.356813	4.258366
#2	4.525006	5.018647	4.956258	4.842854	5.133196	4.994045
#3	4.543551	5.013157	4.985298	4.830345	5.125313	5.012406

Elem	Sr4077
Units	ppm
Avg	4.905262
Stddev	.387216
%RSD	7.893899

#1	4.458334
#2	5.140043
#3	5.117409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.017	3299.010	54074.21	11472.34	3583.733
Stddev	18.056	3.834	348.48	866.37	10.299
%RSD	.7545392	.1162109	.6444442	7.551828	.2873886

#1	2373.305	3298.341	53846.38	12471.26	3593.518
#2	2396.993	3295.555	53900.88	11019.94	3572.987
#3	2408.755	3303.134	54475.36	10925.81	3584.692

Sample Name: CCB062 Acquired: 04/01/2019 16:27:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0020283	-.000653	-.000252	.0002017	-.002176	.0014257	.0003730
Stddev	.0027030	.001831	.000402	.0029433	.001238	.0097560	.0003919
%RSD	133.2654	280.3631	159.1186	1458.929	56.88179	684.3127	105.0762

#1	.0046278	.000407	-.000638	.0028426	-.000933	-.009189	.0001150
#2	-.000767	.000401	-.000283	.0007339	-.003409	.010001	.0008240
#3	.002224	-.002768	.000164	-.002971	-.002187	.003465	.0001800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	-.000105	.0098845	.0004872	.0000386	.0063591	.0165654
Stddev	.000121	.000061	.0038338	.0004144	.0000786	.0024349	.0069451
%RSD	230.5652	58.00371	38.78633	85.04847	203.6397	38.29028	41.92570

#1	.000084	-.000127	.0089189	.0007595	.0001117	.0090404	.0222045
#2	-.000098	-.000152	.0141088	.0000103	.0000487	.0057510	.0088077
#3	-.000143	-.000036	.0066258	.0006918	-.000045	.0042858	.0186839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005571	.0365596	.0007295	.0004001	.2921509	-.001048	.0022735
Stddev	.0003315	.0171229	.0005573	.0004649	.2512238	.001075	.0016865
%RSD	59.51276	46.83551	76.40173	116.1929	85.99110	102.5730	74.18183

#1	.0004334	.0549471	.0011841	.0008436	.5422057	-.002176	.0041403
#2	.0003052	.0210716	.0008967	-.000084	.2944728	-.000035	.0008600
#3	.0009327	.0336602	.0001077	.000440	.0397742	-.000933	.0018200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597776	-.000680	.0053278	-.000032	-.005116	-.001835	-.000152
Stddev	.0373617	.000973	.0012383	.000395	.001845	.001177	.001228
%RSD	62.50118	143.2016	23.24312	1215.648	36.06157	64.12708	810.4399

#1	.0253784	-.000293	.0067528	-.000468	-.003064	-.003060	.000740
#2	.0995253	.000040	.0045127	.000301	-.005648	-.001731	.000358
#3	.0544291	-.001787	.0047179	.000070	-.006637	-.000713	-.001552

Sample Name: CCB062 Acquired: 04/01/2019 16:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0013432	.0033893	.0000555
Stddev	.0034057	.0014709	.0000810
%RSD	253.5472	43.39947	146.0407

#1	.0051986	.0049066	.0001161
#2	.0000868	.0032915	.0000869
#3	-.001256	.0019696	-.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.475	3822.267	57906.62	11381.10	4459.540
Stddev	5.079	22.487	99.93	17.42	16.745
%RSD	.1880884	.5883175	.1725729	.1530170	.3754915

#1	2696.642	3829.245	57927.46	11366.02	4467.932
#2	2706.236	3840.438	57994.48	11377.13	4470.431
#3	2698.547	3797.118	57797.91	11400.16	4440.258

Sample Name: K2021-11DLX2 Acquired: 04/01/2019 16:31:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.001257	.0340976	1.298458	-.061174	.0173757	40.71887	.5057933
Stddev	.001150	.0012361	.002649	.005263	.0021612	.13493	.0039110
%RSD	91.50269	3.625117	.2040325	8.603642	12.43808	.3313692	.7732492

#1	.000041	.0338719	1.296142	-.065170	.0157156	40.86532	.5093877
#2	-.002150	.0354310	1.297885	-.055211	.0198194	40.69171	.5063640
#3	-.001662	.0329900	1.301347	-.063141	.0165922	40.59959	.5016283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047504	.0126508	81.42365	.8049157	.0689924	2.130243	444.4394
Stddev	.0001095	.0002261	.60062	.0004964	.0002049	.010929	2.4598
%RSD	2.304582	1.787079	.7376440	.0616777	.2970628	.5130484	.5534618

#1	.0047743	.0124160	82.03409	.8053936	.0688714	2.142858	447.0182
#2	.0048459	.0126693	81.40350	.8049510	.0688767	2.124243	444.1809
#3	.0046309	.0128670	80.83337	.8044026	.0692290	2.123629	442.1190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.137156	19.54229	.3938543	-.022786	.5092504	.3337001	6.447600
Stddev	.027733	.15164	.0009297	.000736	.2501827	.0010017	.015120
%RSD	.8840180	.7759558	.2360506	3.232104	49.12763	.3001735	.2345054

#1	3.165201	19.71062	.3948698	-.023636	.6391259	.3335230	6.431379
#2	3.136519	19.41637	.3936479	-.022363	.2208386	.3347785	6.450117
#3	3.109746	19.49987	.3930450	-.022357	.6677866	.3327988	6.461303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411018	1.417595	-.911938	.0736097	2.048257	19.46766	.3540153
Stddev	.041115	.013658	.013048	.0005011	.005165	.13415	.0040415
%RSD	2.913829	.9634950	1.430841	.6807418	.2521878	.6890880	1.141620

#1	1.457646	1.403381	-.912018	.0730342	2.047830	19.57187	.3551643
#2	1.379971	1.418784	-.924947	.0739497	2.043319	19.51480	.3495237
#3	1.395436	1.430620	-.898850	.0738450	2.053623	19.31630	.3573579

Sample Name: K2021-11DLX2 Acquired: 04/01/2019 16:31:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.166504	.0149013	.3024710
Stddev	.024736	.0006895	.0013233
%RSD	.5936967	4.627056	.4375096

#1	4.193700	.0147234	.3039263
#2	4.160468	.0156623	.3021466
#3	4.145344	.0143182	.3013400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.769	3762.287	57921.18	11483.44	4242.058
Stddev	1.025	6.194	274.44	120.09	1.910
%RSD	.0381929	.1646239	.4738240	1.045765	.0450257

#1	2684.952	3763.476	57661.32	11356.89	4240.005
#2	2683.152	3755.584	57894.03	11497.62	4243.783
#3	2683.202	3767.799	58208.19	11595.81	4242.386

Sample Name: K2021-12DLX2 Acquired: 04/01/2019 16:35:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0610316	.0090305	.0508418	-.017832	.0059507	58.63694	.1235731
Stddev	.0019975	.0022541	.0003660	.003977	.0021438	.63857	.0006065
%RSD	3.272851	24.96049	.7198219	22.30103	36.02552	1.089018	.4908367

#1	.0587407	.0108959	.0506518	-.015123	.0067761	58.04908	.1234006
#2	.0619453	.0065259	.0506099	-.015976	.0075590	58.54540	.1230714
#3	.0624088	.0096697	.0512637	-.022398	.0035169	59.31634	.1242471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027502	.0008605	622.3279	.1829101	.0480038	.1821727	153.5394
Stddev	.0000626	.0000296	5.0394	.0006820	.0004469	.0008616	1.1778
%RSD	2.274482	3.440727	.8097665	.3728743	.9309183	.4729513	.7671137

#1	.0027005	.0008329	623.6576	.1831425	.0484542	.1818899	152.4987
#2	.0027298	.0008568	626.5692	.1834456	.0479967	.1831402	153.3016
#3	.0028205	.0008917	616.7570	.1821423	.0475605	.1814881	154.8180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.129872	35.23306	.0665034	-.008864	13.93881	.3364358	.2126468
Stddev	.010744	.24734	.0012745	.000319	.11696	.0057314	.0034461
%RSD	.5044450	.7020241	1.916418	3.593971	.8391046	1.703565	1.620557

#1	2.120915	35.08797	.0667220	-.008594	13.95882	.3337657	.2165617
#2	2.126917	35.09256	.0651337	-.008784	13.81314	.3325267	.2113060
#3	2.141785	35.51866	.0676544	-.009215	14.04448	.3430151	.2100726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.983129	1.539177	-.198270	.0036239	20.74261	17.04711	.0007646
Stddev	.048005	.007353	.004036	.0008860	.08443	.08603	.0003279
%RSD	.9633602	.4777499	2.035515	24.44802	.4070351	.5046884	42.88855

#1	4.936858	1.543644	-.193692	.0026013	20.82901	16.96081	.0006900
#2	4.979832	1.530690	-.201314	.0041077	20.66030	17.04763	.0011234
#3	5.032699	1.543198	-.199803	.0041625	20.73852	17.13288	.0004804

Sample Name: K2021-12DLX2 Acquired: 04/01/2019 16:35:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	1.327447	.0748979	4.584682
Stddev	.010197	.0005056	.073249
%RSD	.7682015	.6750043	1.597697

#1	1.319249	.0745021	4.532619
#2	1.324226	.0747241	4.552984
#3	1.338866	.0754674	4.668441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.846	3722.202	58009.56	11625.29	3962.549
Stddev	13.821	6.499	46.27	47.59	5.117
%RSD	.5231380	.1745884	.0797555	.4093616	.1291453

#1	2629.917	3729.283	57981.46	11666.72	3968.308
#2	2656.991	3716.510	58062.96	11635.85	3960.817
#3	2638.631	3720.814	57984.27	11573.31	3958.522

Sample Name: K2021-14DLX2 Acquired: 04/01/2019 16:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0661387	.0091557	.0867750	-.009745	.0029104	53.00832	.0847965
Stddev	.0016442	.0005511	.0013421	.002707	.0016303	.13875	.0007600
%RSD	2.485979	6.019569	1.546591	27.78248	56.01568	.2617480	.8962321

#1	.0653979	.0096426	.0882014	-.006619	.0011026	52.94429	.0842307
#2	.0649953	.0092672	.0855372	-.011316	.0042688	53.16752	.0856603
#3	.0680230	.0085574	.0865864	-.011301	.0033598	52.91315	.0844986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021403	.0006816	513.2813	.1256591	.0386156	.1649789	118.9603
Stddev	.0000813	.0000378	4.0908	.0052166	.0003693	.0041577	.8086
%RSD	3.799857	5.545379	.7969875	4.151390	.9563809	2.520116	.6797618

#1	.0022068	.0006406	510.1886	.1291277	.0390407	.1604106	118.3537
#2	.0020496	.0007150	517.9197	.1281896	.0384313	.1685414	119.8784
#3	.0021644	.0006891	511.7355	.1196599	.0383747	.1659847	118.6490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.372932	37.79634	.0651799	-.006319	21.61651	.2731423	.2573603
Stddev	.011199	.24834	.0003343	.000122	.33256	.0013943	.0066601
%RSD	.8157243	.6570593	.5128410	1.929192	1.538454	.5104644	2.587856

#1	1.364358	37.59838	.0652404	-.006424	21.95573	.2715596	.2641589
#2	1.385603	38.07500	.0648195	-.006348	21.60276	.2736781	.2570740
#3	1.368835	37.71564	.0654798	-.006185	21.29104	.2741892	.2508479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.483487	1.137979	-.021749	.0755486	85.95155	25.79668	.0058251
Stddev	.033599	.013477	.003586	.0006550	.64806	.34484	.0006356
%RSD	.5182316	1.184328	16.48581	.8669994	.7539829	1.336776	10.91223

#1	6.509527	1.148929	-.020419	.0755248	86.33704	25.77423	.0056252
#2	6.445560	1.122927	-.025810	.0749058	85.20335	26.15219	.0053135
#3	6.495373	1.142080	-.019019	.0762152	86.31427	25.46360	.0065367

Sample Name: K2021-14DLX2 Acquired: 04/01/2019 16:39:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	1.369801	.0811483	6.054790
Stddev	.004695	.0006586	.061884
%RSD	.3427496	.8116472	1.022066

#1	1.371550	.0810550	6.083145
#2	1.373370	.0805413	6.097415
#3	1.364482	.0818487	5.983809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.098	3768.841	59297.72	11746.04	4082.425
Stddev	73.500	18.079	1774.25	103.51	19.722
%RSD	2.702103	.4796900	2.992110	.8812178	.4830952

#1	2676.744	3749.920	58361.33	11793.87	4066.031
#2	2678.589	3785.940	58187.82	11627.27	4104.311
#3	2804.962	3770.662	61344.00	11816.99	4076.933

Sample Name: K2021-15DLX5 Acquired: 04/01/2019 16:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	-.004867	.0469742	2.188537	-.091011	.0249070	26.27765	.6820204
Stddev	.004673	.0024890	.008416	.004120	.0011975	.21527	.0088340
%RSD	96.01414	5.298648	.3845539	4.526997	4.807916	.8192241	1.295272

#1	-.003262	.0452768	2.195697	-.093167	.0236747	26.40776	.6828845
#2	-.001208	.0458145	2.179266	-.093605	.0260664	26.39603	.6903906
#3	-.010131	.0498315	2.190649	-.086260	.0249799	26.02917	.6727861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059966	.0183131	103.7714	.8196467	.0688923	4.234013	656.2431
Stddev	.0000480	.0003256	1.3700	.0062849	.0007347	.038829	6.9744
%RSD	.7997800	1.778129	1.320222	.7667797	1.066451	.9170687	1.062784

#1	.0059760	.0182246	104.4063	.8134493	.0695839	4.257985	658.6934
#2	.0060514	.0180409	104.7088	.8260156	.0681210	4.254841	661.6617
#3	.0059624	.0186739	102.1991	.8194752	.0689720	4.189214	648.3741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.216200	12.94752	.5462590	-.034880	-.977807	.2601987	10.15097
Stddev	.067881	.13944	.0006601	.000646	.252644	.0050945	.08150
%RSD	1.301351	1.076945	.1208405	1.853018	25.83782	1.957932	.8028565

#1	5.240754	13.03628	.5467677	-.034152	-1.25897	.2609804	10.05709
#2	5.268388	13.01948	.5464964	-.035388	-.76984	.2648573	10.20353
#3	5.139459	12.78680	.5455131	-.035100	-.90461	.2547586	10.19231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7128080	.8809691	-1.31331	.0853349	2.960785	8.166967	.1644699
Stddev	.0846489	.0067947	.01088	.0010823	.018579	.058732	.0022124
%RSD	11.87541	.7712747	.8281713	1.268356	.6274902	.7191386	1.345162

#1	.7762546	.8859538	-1.31757	.0865750	2.961558	8.200562	.1639121
#2	.7454767	.8732296	-1.32140	.0845801	2.941833	8.201188	.1625898
#3	.6166927	.8837238	-1.30094	.0848496	2.978966	8.099150	.1669078

Sample Name: K2021-15DLX5 Acquired: 04/01/2019 16:44:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2.433945	.0111394	.3705909
Stddev	.023125	.0001731	.0032235
%RSD	.9501122	1.553463	.8698408

#1	2.447904	.0112300	.3732276
#2	2.446679	.0112484	.3715479
#3	2.407252	.0109399	.3669972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.965	3697.647	57088.79	11455.13	4184.974
Stddev	17.828	2.507	364.54	99.46	7.788
%RSD	.6776195	.0678092	.6385578	.8682199	.1861020

#1	2651.551	3697.374	57484.44	11363.12	4188.313
#2	2620.814	3700.280	56766.52	11441.61	4190.537
#3	2620.531	3695.287	57015.40	11560.65	4176.073

Sample Name: K2021-17DLX5 Acquired: 04/01/2019 16:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0245846	.0054760	.1298673	-.008617	.0015857	30.61419	.1150279
Stddev	.0017334	.0021806	.0012886	.001990	.0008772	.02818	.0006698
%RSD	7.050903	39.82059	.9922659	23.09637	55.32376	.0920358	.5822901

#1	.0265329	.0030089	.1305855	-.010478	.0025406	30.64160	.1144486
#2	.0232132	.0062737	.1283796	-.006519	.0008155	30.61565	.1148737
#3	.0240078	.0071455	.1306368	-.008854	.0014010	30.58531	.1157613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011058	.0006327	362.5489	.0385141	.0202971	.1239038	78.37877
Stddev	.0000997	.0000603	1.4893	.0002199	.0003142	.0037976	.23865
%RSD	9.018884	9.535121	.4107855	.5708725	1.548183	3.064990	.3044791

#1	.0010146	.0005696	363.6162	.0387639	.0206598	.1213742	78.62210
#2	.0010906	.0006898	360.8475	.0383500	.0201047	.1220664	78.14510
#3	.0012123	.0006386	363.1830	.0384282	.0201269	.1282707	78.36909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.089063	23.18781	.0344946	-.003894	3.450659	.1618331	.2557798
Stddev	.005174	.13584	.0005968	.000583	.259305	.0008634	.0025884
%RSD	.4751142	.5858405	1.730073	14.97248	7.514663	.5335239	1.011944

#1	1.092518	23.15365	.0349060	-.003501	3.157206	.1626220	.2582336
#2	1.083114	23.07230	.0347678	-.004564	3.545874	.1619665	.2560307
#3	1.091557	23.33747	.0338102	-.003618	3.648896	.1609107	.2530752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7506620	.9433860	-.130403	.0032942	2.883233	6.288908	.0023372
Stddev	.0512214	.0088380	.003879	.0005944	.023559	.030270	.0013483
%RSD	6.823493	.9368405	2.974330	18.04284	.8170908	.4813289	57.69023

#1	.7107299	.9412316	-.125979	.0037387	2.886512	6.285108	.0013940
#2	.7328430	.9358245	-.132011	.0026191	2.858206	6.260716	.0017360
#3	.8084129	.9531021	-.133219	.0035247	2.904980	6.320898	.0038815

Sample Name: K2021-17DLX5 Acquired: 04/01/2019 16:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	3.022909	.0200315	4.485307
Stddev	.005321	.0018920	.019594
%RSD	.1760342	9.444924	.4368544

#1	3.028186	.0203625	4.499181
#2	3.022999	.0179958	4.462892
#3	3.017544	.0217361	4.493847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.204	3671.913	56448.78	11284.48	4117.072
Stddev	11.354	20.412	151.59	77.83	21.476
%RSD	.4386717	.5558898	.2685372	.6897157	.5216308

#1	2599.985	3650.497	56605.60	11265.21	4100.280
#2	2587.296	3691.144	56303.03	11370.14	4141.271
#3	2577.332	3674.097	56437.73	11218.10	4109.665

Sample Name: K2046-02DLX5 Acquired: 04/01/2019 16:52:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0198869	.0022738	.0183479	-.005390	-.001287	9.596709	.0544705
Stddev	.0039216	.0012027	.0011652	.003973	.001428	.018363	.0003134
%RSD	19.71971	52.89203	6.350697	73.70385	110.8995	.1913511	.5754284

#1	.0156235	.0010262	.0192611	-.000847	-.000282	9.611364	.0544110
#2	.0206969	.0034258	.0187471	-.007115	-.000659	9.576110	.0548094
#3	.0233402	.0023695	.0170356	-.008209	-.002922	9.602654	.0541911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003630	.0001007	384.3921	.0286731	.0047463	.0444000	27.54267
Stddev	.0000563	.0000515	2.3927	.0003347	.0001029	.0010148	.09991
%RSD	15.50426	51.19026	.6224608	1.167263	2.167480	2.285660	.3627560

#1	.0004279	.0001289	386.9393	.0286729	.0047342	.0433472	27.65737
#2	.0003341	.0000412	382.1918	.0283386	.0048548	.0453720	27.47458
#3	.0003270	.0001319	384.0451	.0290080	.0046501	.0444807	27.49606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3046445	4.882044	.0101175	-.000698	3.306282	.0740857	.0545083
Stddev	.0023597	.058621	.0004749	.000187	.072908	.0006717	.0023812
%RSD	.7745674	1.200752	4.693794	26.73539	2.205149	.9067054	4.368454

#1	.3073196	4.916467	.0096210	-.000555	3.248859	.0733136	.0545865
#2	.3028588	4.814357	.0101641	-.000909	3.281677	.0745362	.0568494
#3	.3037550	4.915306	.0105674	-.000631	3.388310	.0744073	.0520890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6991098	.3211970	-.022327	.0013353	2.303260	6.643341	-.006479
Stddev	.1066353	.0023242	.000801	.0002514	.012071	.069501	.000665
%RSD	15.25301	.7236191	3.588169	18.82438	.5240800	1.046180	10.26424

#1	.6903660	.3206743	-.023251	.0010481	2.296220	6.716762	-.006568
#2	.8098477	.3237381	-.021911	.0015155	2.296361	6.578570	-.005774
#3	.5971156	.3191786	-.021820	.0014422	2.317198	6.634690	-.007095

Sample Name: K2046-02DLX5 Acquired: 04/01/2019 16:52:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.1403659	.0111154	4.345533
Stddev	.0003352	.0004086	.111211
%RSD	.2387829	3.676270	2.559198

#1	.1404831	.0110067	4.401864
#2	.1399879	.0115674	4.217428
#3	.1406268	.0107721	4.417308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.119	3691.272	56793.97	11264.61	4195.168
Stddev	4.244	6.215	179.11	85.49	7.967
%RSD	.1621169	.1683751	.3153629	.7589492	.1899090

#1	2620.152	3684.109	56915.46	11186.33	4188.998
#2	2620.964	3695.231	56878.16	11355.84	4204.163
#3	2613.240	3694.477	56588.28	11251.64	4192.344

Sample Name: K2046-03DLX2 Acquired: 04/01/2019 16:56:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0214976	.0375724	2.318337	-.077484	.0220207	62.04400	.7463585
Stddev	.0025338	.0013443	.017152	.003168	.0007924	.04372	.0029374
%RSD	11.78633	3.577913	.7398593	4.088383	3.598596	.0704738	.3935577

#1	.0188964	.0374042	2.298537	-.074314	.0215452	62.08657	.7488645
#2	.0216383	.0389929	2.327833	-.080650	.0229355	61.99921	.7431261
#3	.0239581	.0363201	2.328642	-.077487	.0215815	62.04622	.7470850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055053	.0193263	787.1639	.7868156	.0790292	2.179672	523.5533
Stddev	.0001038	.0002427	13.6602	.0024590	.0005989	.007454	1.2125
%RSD	1.885311	1.255900	1.735373	.3125194	.7578363	.3419701	.2315883

#1	.0054956	.0190568	801.7242	.7839925	.0783376	2.171715	524.1045
#2	.0054067	.0195276	785.1372	.7884896	.0793772	2.180807	522.1631
#3	.0056136	.0193945	774.6302	.7879648	.0793728	2.186493	524.3922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015324	34.54910	.6217278	-.027517	1.957589	.4036616	9.293802
Stddev	.014784	.07170	.0046225	.000437	.401799	.0005985	.031657
%RSD	.2947721	.2075295	.7435003	1.587029	20.52522	.1482784	.3406237

#1	5.021975	34.63186	.6164296	-.027022	1.557536	.4033106	9.297436
#2	4.998383	34.50992	.6238161	-.027848	1.954119	.4033216	9.323485
#3	5.025614	34.50553	.6249378	-.027681	2.361112	.4043527	9.260485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.071734	2.172796	-1.04058	.0727573	7.731006	14.83131	.1362168
Stddev	.105639	.009454	.00986	.0004471	.037597	.07179	.0011822
%RSD	3.439076	.4351293	.9470917	.6144906	.4863156	.4840593	.8678984

#1	3.012664	2.180215	-1.03859	.0732574	7.702574	14.86996	.1359875
#2	3.008842	2.162151	-1.03188	.0723963	7.716809	14.74847	.1374969
#3	3.193696	2.176023	-1.05129	.0726182	7.773634	14.87550	.1351660

Sample Name: K2046-03DLX2 Acquired: 04/01/2019 16:56:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	5.842433	.0386259	2.246401
Stddev	.011094	.0022435	.004249
%RSD	.1898938	5.808199	.1891606

#1	5.844726	.0360999	2.241584
#2	5.830372	.0403865	2.247998
#3	5.852203	.0393913	2.249620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2602.444	3666.809	57463.60	11629.82	3953.162
Stddev	12.774	6.298	381.70	34.20	14.248
%RSD	.4908632	.1717700	.6642478	.2940685	.3604106

#1	2593.750	3670.558	57538.42	11596.63	3967.248
#2	2596.472	3670.331	57050.03	11627.88	3953.479
#3	2617.111	3659.537	57802.35	11664.95	3938.758

Sample Name: K2046-04DLX5 Acquired: 04/01/2019 17:00:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0132441	.0042855	.1991190	-.005648	.0003332	13.89612	.0897467
Stddev	.0007200	.0017469	.0028197	.004666	.0019609	.03651	.0006103
%RSD	5.436092	40.76354	1.416099	82.61676	588.5582	.2627259	.6799934

#1	.0127065	.0056091	.1960293	-.000861	.0023376	13.86526	.0894693
#2	.0129638	.0023054	.2015533	-.005899	-.001581	13.88669	.0893244
#3	.0140621	.0049419	.1997745	-.010183	.000243	13.93642	.0904464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007163	.0013377	364.2837	.0624720	.0126337	.1371267	52.30028
Stddev	.0000212	.0000166	1.5574	.0004320	.0003246	.0021419	.14601
%RSD	2.965417	1.240153	.4275257	.6914653	2.569490	1.562001	.2791774

#1	.0007196	.0013193	362.7133	.0621996	.0123359	.1353327	52.15378
#2	.0007358	.0013515	364.3101	.0622463	.0125855	.1394981	52.30128
#3	.0006936	.0013423	365.8277	.0629701	.0129798	.1365492	52.44579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5877033	8.210661	.0324220	-.002632	2.741346	.1034086	.4623831
Stddev	.0015090	.018597	.0002857	.000361	.087310	.0029737	.0032555
%RSD	.2567691	.2264977	.8812873	13.69829	3.184932	2.875637	.7040621

#1	.5859626	8.189218	.0324277	-.002295	2.842031	.1016343	.4618132
#2	.5885041	8.222384	.0327049	-.003013	2.686540	.1068416	.4594502
#3	.5886431	8.220381	.0321335	-.002589	2.695467	.1017498	.4658858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8629972	.4673657	-.062871	.0076461	3.557315	8.442277	.0038274
Stddev	.0833364	.0022643	.001612	.0006351	.008962	.043757	.0006620
%RSD	9.656624	.4844906	2.563753	8.305841	.2519252	.5183086	17.29693

#1	.9335276	.4647559	-.061220	.0070797	3.549960	8.417138	.0044420
#2	.7710394	.4685322	-.062954	.0083327	3.554689	8.416889	.0031264
#3	.8844246	.4688089	-.064440	.0075259	3.567297	8.492803	.0039139

Sample Name: K2046-04DLX5 Acquired: 04/01/2019 17:00:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.8856842	.0071201	3.783038
Stddev	.0051326	.0006474	.043327
%RSD	.5795020	9.092351	1.145296

#1	.8797745	.0065762	3.733008
#2	.8890257	.0069479	3.807988
#3	.8882525	.0078361	3.808117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.607	3717.193	57029.45	11386.22	4189.340
Stddev	13.890	16.468	212.61	78.79	15.281
%RSD	.5274025	.4430317	.3728139	.6920015	.3647695

#1	2648.761	3732.522	57083.25	11470.08	4204.426
#2	2621.481	3719.274	56795.10	11374.86	4189.725
#3	2630.580	3699.783	57209.99	11313.73	4173.871

Sample Name: K2046-05DLX5 Acquired: 04/01/2019 17:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0186335	.0002575	.0231377	-.004883	-.001264	11.32101	.0434027
Stddev	.0036815	.0000605	.0030491	.001024	.001938	.03644	.0000781
%RSD	19.75722	23.49854	13.17817	20.96150	153.3020	.3219051	.1799264

#1	.0175196	.0002771	.0258618	-.003760	.000970	11.34722	.0434636
#2	.0156376	.0001896	.0198439	-.005765	-.002485	11.27940	.0433146
#3	.0227432	.0003057	.0237073	-.005123	-.002278	11.33642	.0434298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004582	.0000465	310.3895	.0284818	.0075046	.0353767	28.30045
Stddev	.0000937	.0000201	1.0669	.0003456	.0004609	.0020589	.11015
%RSD	20.45322	43.12085	.3437249	1.213416	6.141835	5.820062	.3892079

#1	.0004543	.0000695	310.6973	.0282774	.0071926	.0339807	28.39085
#2	.0005537	.0000375	309.2026	.0288809	.0072872	.0377414	28.17777
#3	.0003665	.0000325	311.2686	.0282872	.0080340	.0344082	28.33273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4796944	6.280800	.0138086	-.000956	2.484480	.0554537	.0530021
Stddev	.0015276	.028836	.0000466	.000064	.168234	.0034792	.0003123
%RSD	.3184604	.4591198	.3373898	6.701274	6.771407	6.274048	.5892951

#1	.4803745	6.313452	.0138534	-.000951	2.599767	.0584308	.0528625
#2	.4779448	6.258823	.0138119	-.000895	2.291431	.0516290	.0527839
#3	.4807638	6.270126	.0137604	-.001022	2.562240	.0563012	.0533599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031052	.4216239	-.022612	.0051721	4.820362	6.926713	-.005590
Stddev	.039644	.0028031	.002490	.0003275	.055025	.037916	.002109
%RSD	3.845045	.6648294	11.01000	6.331189	1.141515	.5473926	37.72112

#1	.987358	.4184299	-.022755	.0051805	4.789834	6.967338	-.004363
#2	1.064723	.4227669	-.025027	.0048405	4.787369	6.920538	-.008025
#3	1.041074	.4236748	-.020054	.0054953	4.883884	6.892263	-.004383

Sample Name: K2046-05DLX5 Acquired: 04/01/2019 17:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.2914553	.0143085	4.009121
Stddev	.0023277	.0019756	.042847
%RSD	.7986500	13.80711	1.068728

#1	.2941007	.0160069	4.058596
#2	.2905444	.0147781	3.984463
#3	.2897208	.0121404	3.984305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.834	3712.802	57179.19	11377.09	4228.689
Stddev	10.008	25.601	265.33	55.15	30.443
%RSD	.3792726	.6895422	.4640365	.4847144	.7199219

#1	2632.922	3731.249	56873.15	11313.92	4252.080
#2	2650.389	3723.584	57344.77	11415.61	4239.718
#3	2633.190	3683.573	57319.64	11401.74	4194.268

Sample Name: K2046-08DLX5 Acquired: 04/01/2019 17:08:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0094720	.0045592	.1772445	-.007591	.0004637	11.85322	.0943678
Stddev	.0018083	.0010628	.0022052	.005558	.0015249	.02267	.0001710
%RSD	19.09066	23.31055	1.244182	73.21473	328.8173	.1912638	.1811688

#1	.0078053	.0035582	.1748700	-.001626	-.000411	11.82714	.0942203
#2	.0113946	.0056746	.1776353	-.012623	.002224	11.86824	.0943279
#3	.0092160	.0044450	.1792282	-.008523	-.000422	11.86427	.0945552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007288	.0013665	294.4304	.0715259	.0100685	.1958196	70.38568
Stddev	.0001034	.0000941	.6318	.0008387	.0000443	.0016070	.01232
%RSD	14.18501	6.886602	.2145692	1.172601	.4395815	.8206427	.0175072

#1	.0008452	.0013330	293.7427	.0715346	.0101071	.1976538	70.38060
#2	.0006474	.0012937	294.5636	.0706829	.0100784	.1951457	70.39973
#3	.0006940	.0014728	294.9849	.0723603	.0100202	.1946592	70.37671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6187658	5.182910	.0536465	-.003269	1.155652	.0839857	.7481215
Stddev	.0017943	.012800	.0003972	.000820	.263863	.0009144	.0052098
%RSD	.2899821	.2469713	.7403355	25.07622	22.83241	1.088775	.6963778

#1	.6172932	5.169536	.0532142	-.002575	1.439313	.0829841	.7515309
#2	.6182398	5.195046	.0537301	-.004174	1.110135	.0847758	.7507090
#3	.6207643	5.184149	.0539953	-.003058	.917509	.0841971	.7421245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8288699	.2896213	-.127008	.0120431	4.084550	7.330141	.0051363
Stddev	.0583311	.0032884	.003486	.0000739	.009390	.042744	.0017070
%RSD	7.037431	1.135412	2.744926	.6138130	.2298983	.5831305	33.23442

#1	.7654727	.2910851	-.127642	.0120689	4.083454	7.329740	.0040157
#2	.8408676	.2919237	-.123249	.0121008	4.094440	7.287598	.0071009
#3	.8802693	.2858552	-.130134	.0119598	4.075755	7.373084	.0042922

Sample Name: K2046-08DLX5 Acquired: 04/01/2019 17:08:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.4045995	.0066023	2.886088
Stddev	.0015417	.0011964	.004426
%RSD	.3810302	18.12053	.1533730

#1	.4028910	.0057515	2.888129
#2	.4050205	.0079703	2.889126
#3	.4058868	.0060852	2.881009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.358	3697.038	56626.47	11294.70	4218.318
Stddev	20.921	5.357	221.41	37.16	3.531
%RSD	.8011401	.1449130	.3910096	.3290058	.0837157

#1	2632.845	3691.078	56879.60	11330.86	4218.674
#2	2591.054	3701.453	56531.07	11296.61	4221.657
#3	2610.174	3698.584	56468.75	11256.62	4214.621

Sample Name: K2046-10DLX5 Acquired: 04/01/2019 17:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0158033	.0048319	.0509305	-.009994	.0011444	24.41941	.0792612
Stddev	.0002343	.0013259	.0013035	.005099	.0013723	.07492	.0001928
%RSD	1.482578	27.44085	2.559370	51.02317	119.9071	.3067881	.2432563

#1	.0156073	.0061639	.0522837	-.009693	.0025760	24.36208	.0792585
#2	.0157397	.0048198	.0508245	-.015237	.0010169	24.50418	.0790697
#3	.0160628	.0035121	.0496832	-.005052	-.000160	24.39198	.0794553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009241	.0005536	505.6396	.0692648	.0209124	.1380730	51.40177
Stddev	.0000722	.0001679	2.4748	.0008909	.0003716	.0020327	.13298
%RSD	7.817302	30.33255	.4894400	1.286149	1.776811	1.472200	.2587096

#1	.0008408	.0003875	508.0773	.0698558	.0212313	.1403439	51.54978
#2	.0009671	.0005501	503.1293	.0682401	.0210017	.1374517	51.29234
#3	.0009646	.0007233	505.7123	.0696983	.0205044	.1364235	51.36320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8599328	20.72126	.0647109	-.002189	2.748383	.1412265	.0914700
Stddev	.0057487	.04095	.0003021	.000011	.475558	.0011202	.0005408
%RSD	.6685064	.1976194	.4668129	.5177358	17.30318	.7932328	.5912222

#1	.8662657	20.76502	.0649761	-.002200	3.296068	.1402346	.0914838
#2	.8550433	20.71488	.0643821	-.002187	2.440113	.1424415	.0909225
#3	.8584895	20.68387	.0647745	-.002178	2.508966	.1410033	.0920038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7433301	1.286831	-.074214	.0022719	2.154205	9.757707	-.001747
Stddev	.0591245	.004918	.002527	.0004188	.009449	.030829	.000305
%RSD	7.954001	.3821596	3.405579	18.43340	.4386237	.3159486	17.46747

#1	.7129766	1.292155	-.076839	.0027160	2.144807	9.784011	-.001660
#2	.8114663	1.282458	-.071797	.0022153	2.163704	9.765327	-.001494
#3	.7055474	1.285882	-.074007	.0018842	2.154105	9.723782	-.002086

Sample Name: K2046-10DLX5 Acquired: 04/01/2019 17:12:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	2.416398	.0119893	4.134954
Stddev	.012382	.0017418	.008606
%RSD	.5124334	14.52817	.2081366

#1	2.429500	.0125259	4.138600
#2	2.414805	.0100423	4.125125
#3	2.404889	.0133997	4.141137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.675	3639.675	56343.54	11213.04	4046.838
Stddev	24.758	6.043	517.77	23.88	5.690
%RSD	.9538180	.1660223	.9189544	.2129365	.1406084

#1	2594.468	3634.635	56089.42	11185.93	4041.781
#2	2621.014	3638.015	56939.27	11222.25	4045.734
#3	2571.542	3646.374	56001.92	11230.94	4053.000

Sample Name: K2046-11DLX5 Acquired: 04/01/2019 17:17:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0206061	.0015976	.1753808	-.002670	-.001385	13.00005	.0534968
Stddev	.0028633	.0021165	.0010747	.002275	.003560	.08948	.0002650
%RSD	13.89559	132.4767	.6127616	85.22189	257.0550	.6883364	.4953493

#1	.0176402	-.000520	.1746541	-.001009	-.001690	13.05275	.0534611
#2	.0208238	.001600	.1766152	-.001737	.002318	12.89673	.0532515
#3	.0233544	.003713	.1748729	-.005263	-.004784	13.05068	.0537778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005893	.0007317	520.1966	.0392612	.0105181	.0899883	33.51734
Stddev	.0001265	.0000725	3.1291	.0008587	.0001677	.0026569	.22498
%RSD	21.46058	9.907682	.6015134	2.187044	1.594264	2.952477	.6712269

#1	.0007313	.0006496	521.5298	.0385423	.0103545	.0920078	33.51321
#2	.0004888	.0007870	516.6217	.0390295	.0105101	.0869785	33.29446
#3	.0005480	.0007585	522.4382	.0402120	.0106896	.0909787	33.74436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7027494	10.19705	.0222858	-.001472	2.408017	.0933317	.1006176
Stddev	.0019883	.04024	.0003150	.000410	.357284	.0029473	.0026839
%RSD	.2829245	.3946362	1.413336	27.85941	14.83729	3.157902	2.667413

#1	.7028155	10.15346	.0221485	-.001004	2.584090	.0962608	.0975261
#2	.7007288	10.20491	.0226461	-.001768	2.643093	.0903665	.1019760
#3	.7047037	10.23278	.0220627	-.001644	1.996870	.0933678	.1023508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4523642	.4969005	-.034627	.0074075	5.706693	7.105495	-.005444
Stddev	.0517221	.0056058	.001771	.0003232	.012366	.052787	.000320
%RSD	11.43374	1.128158	5.113627	4.363447	.2166942	.7428989	5.873435

#1	.4631302	.4969802	-.035225	.0072282	5.720475	7.048873	-.005754
#2	.3961063	.5024660	-.036020	.0072138	5.696567	7.153348	-.005462
#3	.4978560	.4912552	-.032634	.0077807	5.703037	7.114262	-.005115

Sample Name: K2046-11DLX5 Acquired: 04/01/2019 17:17:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.7749960	.0069119	3.909840
Stddev	.0070441	.0017488	.037987
%RSD	.9089249	25.30099	.9715783

#1	.7819202	.0073582	3.886307
#2	.7678378	.0049832	3.953664
#3	.7752300	.0083943	3.889549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.511	3672.857	56731.69	11371.49	4118.483
Stddev	14.609	10.331	213.38	44.65	12.245
%RSD	.5591989	.2812879	.3761128	.3926687	.2973191

#1	2629.347	3666.124	56974.79	11422.77	4113.225
#2	2603.179	3667.694	56575.43	11350.53	4109.745
#3	2605.008	3684.752	56644.84	11341.18	4132.479

Sample Name: K2046-12DLX5 Acquired: 04/01/2019 17:21:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0122417	.0000394	.0245533	-.002520	-.001542	9.072813	.0603334
Stddev	.0017733	.0014947	.0011140	.006464	.001034	.020606	.0010037
%RSD	14.48587	3796.026	4.536863	256.5060	67.04852	.2271181	1.663550

#1	.0142294	.0013607	.0232919	.003478	-.002009	9.078297	.0605838
#2	.0108222	.0003403	.0254020	-.009365	-.000357	9.050020	.0592282
#3	.0116734	-.001583	.0249660	-.001672	-.002260	9.090122	.0611881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001228	.0000576	296.7065	.0208701	.0041472	.0254496	17.71906
Stddev	.0001201	.0000738	1.6451	.0002187	.0002610	.0006386	.03788
%RSD	97.80097	128.0620	.5544552	1.047985	6.292967	2.509211	.2137721

#1	.0002279	.0000818	297.8614	.0211189	.0042478	.0249787	17.76273
#2	.0001487	.0001163	294.8229	.0207080	.0043429	.0261765	17.69942
#3	-.000008	-.000025	297.4352	.0207835	.0038509	.0251937	17.69504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3577429	4.294687	.0091271	-.000523	1.814793	.0460750	.0326556
Stddev	.0032883	.033245	.0003677	.000288	.249475	.0028461	.0004686
%RSD	.9191679	.7740916	4.028994	55.05365	13.74675	6.177171	1.435050

#1	.3578747	4.329836	.0088798	-.000593	1.838583	.0463951	.0329699
#2	.3543907	4.263747	.0095497	-.000207	1.554275	.0430824	.0321170
#3	.3609633	4.290478	.0089519	-.000770	2.051520	.0487476	.0328800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5381927	.1886180	-.009758	.0015238	1.077127	8.161130	-.007048
Stddev	.0320971	.0042616	.001371	.0005488	.015105	.053010	.001675
%RSD	5.963868	2.259386	14.04787	36.01381	1.402334	.6495448	23.76263

#1	.5371197	.1857047	-.010622	.0021566	1.074788	8.105710	-.006913
#2	.5708129	.1935092	-.010476	.0012355	1.093265	8.166333	-.008786
#3	.5066456	.1866401	-.008178	.0011792	1.063328	8.211347	-.005445

Sample Name: K2046-12DLX5 Acquired: 04/01/2019 17:21:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.1129927	.0055807	3.361812
Stddev	.0014253	.0003038	.008327
%RSD	1.261447	5.443981	.2476872

#1	.1114615	.0059185	3.368426
#2	.1132355	.0054935	3.352461
#3	.1142810	.0053300	3.364549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.905	3684.975	56902.26	11231.86	4218.297
Stddev	16.298	26.340	275.60	69.56	39.867
%RSD	.6211300	.7147874	.4843463	.6192820	.9450869

#1	2614.231	3698.328	56742.48	11258.27	4235.073
#2	2642.722	3654.633	57220.50	11284.35	4172.784
#3	2614.762	3701.963	56743.80	11152.97	4247.034

Sample Name: K2046-16DLX2 Acquired: 04/01/2019 17:25:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0168963	.0011129	.0251906	.0006714	.0004746	11.61182	.0547943
Stddev	.0053408	.0014080	.0014387	.0057313	.0006131	.02889	.0006024
%RSD	31.60907	126.5184	5.711373	853.6803	129.1834	.2487948	1.099453

#1	.0134489	.0026502	.0247370	.0071708	.0011663	11.58713	.0544833
#2	.0230483	.0008029	.0240333	-.003658	-.000002	11.64359	.0554886
#3	.0141916	-.000114	.0268014	-.001499	.000259	11.60474	.0544108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003710	.0001529	557.4731	.0357918	.0075219	.0482408	28.61828
Stddev	.0000522	.0000636	2.5834	.0002980	.0002400	.0020007	.16186
%RSD	14.06500	41.62123	.4634123	.8326239	3.190789	4.147219	.5655803

#1	.0003543	.0000885	555.7362	.0360552	.0076711	.0460391	28.46050
#2	.0003292	.0001545	560.4419	.0358518	.0076495	.0499474	28.78393
#3	.0004294	.0002157	556.2412	.0354683	.0072450	.0487360	28.61041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3779175	6.948602	.0237239	-.001750	3.947265	.0803743	.0408683
Stddev	.0024535	.039521	.0008392	.000391	.287139	.0013897	.0014259
%RSD	.6492107	.5687636	3.537343	22.32214	7.274375	1.729013	3.488967

#1	.3751542	6.988330	.0246388	-.001333	3.778429	.0793964	.0424842
#2	.3798400	6.948183	.0235428	-.002107	3.784560	.0797615	.0403340
#3	.3787585	6.909291	.0229900	-.001809	4.278805	.0819651	.0397868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6364559	.4826801	-.003525	.0063866	4.264593	11.42694	-.007258
Stddev	.0751056	.0047450	.003998	.0008139	.009596	.11940	.003230
%RSD	11.80059	.9830504	113.4319	12.74336	.2250174	1.044898	44.50427

#1	.6075875	.4850646	-.000278	.0067966	4.258082	11.32183	-.003838
#2	.7217126	.4772158	-.002306	.0069140	4.275613	11.55676	-.010256
#3	.5800678	.4857600	-.007990	.0054493	4.260083	11.40225	-.007679

Sample Name: K2046-16DLX2 Acquired: 04/01/2019 17:25:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.7026223	.0096528	6.590944
Stddev	.0030292	.0007806	.068594
%RSD	.4311270	8.086883	1.040736

#1	.6995817	.0105462	6.519139
#2	.7056400	.0091025	6.597892
#3	.7026452	.0093097	6.655799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.074	3668.692	57143.51	11351.51	4065.953
Stddev	15.250	4.669	46.69	111.89	1.134
%RSD	.5818343	.1272532	.0816998	.9856421	.0278925

#1	2636.743	3666.275	57180.49	11451.35	4065.361
#2	2606.280	3674.074	57091.05	11230.58	4067.261
#3	2620.200	3665.728	57159.00	11372.61	4065.238

Sample Name: K2021-04DLX2 Acquired: 04/01/2019 17:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0690679	.0082513	.0542666	-.019053	.0035492	52.83725	.1616646
Stddev	.0010255	.0006812	.0011739	.000934	.0014870	.16861	.0007372
%RSD	1.484801	8.255219	2.163160	4.903098	41.89668	.3191051	.4559979

#1	.0702406	.0075238	.0529117	-.019951	.0024676	52.66127	.1612939
#2	.0686243	.0088740	.0549795	-.019121	.0029352	52.85310	.1611864
#3	.0683389	.0083561	.0549085	-.018086	.0052449	52.99736	.1625136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025592	.0008945	534.9260	.1684954	.0459532	.1741569	138.0621
Stddev	.0000586	.0001034	2.7131	.0002125	.0001386	.0026648	.8029
%RSD	2.289596	11.56398	.5071920	.1261221	.3016276	1.530132	.5815313

#1	.0024957	.0008751	533.9272	.1686541	.0459498	.1716614	137.3735
#2	.0026112	.0008021	532.8539	.1682540	.0458163	.1738456	137.8689
#3	.0025707	.0010062	537.9970	.1685780	.0460935	.1769637	138.9440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.433613	37.91467	.0681447	-.007699	13.85392	.2871319	.2413529
Stddev	.013465	.05918	.0005859	.001014	.21873	.0013600	.0012109
%RSD	.5533054	.1560990	.8598127	13.17474	1.578833	.4736446	.5017055

#1	2.425876	37.85560	.0685917	-.008804	13.63836	.2880333	.2405044
#2	2.425802	37.91445	.0674814	-.006810	14.07569	.2877949	.2427396
#3	2.449161	37.97397	.0683610	-.007484	13.84772	.2855676	.2408147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868676	1.369617	-.190477	.0026427	29.61569	24.35672	.0024150
Stddev	.044270	.009968	.000963	.0001173	.19098	.06006	.0026672
%RSD	.9092812	.7278266	.5056812	4.437846	.6448741	.2465863	110.4391

#1	4.826226	1.371039	-.189366	.0026260	29.74551	24.31990	.0052177
#2	4.865236	1.359015	-.191086	.0027674	29.39640	24.32423	.0021193
#3	4.914565	1.378799	-.190977	.0025347	29.70518	24.42603	-.000092

Sample Name: K2021-04DLX2 Acquired: 04/01/2019 17:29:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	1.388745	.0670296	3.588519
Stddev	.006867	.0013363	.018370
%RSD	.4944760	1.993636	.5119211

#1	1.387640	.0669716	3.595721
#2	1.382497	.0657232	3.567639
#3	1.396097	.0683940	3.602198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.277	3722.141	57828.28	11521.54	3993.780
Stddev	9.634	.878	85.55	49.42	6.366
%RSD	.3632253	.0235853	.1479299	.4289162	.1593956

#1	2641.183	3721.668	57730.95	11486.96	3988.477
#2	2658.530	3723.154	57891.54	11578.14	4000.840
#3	2657.119	3721.601	57862.35	11499.51	3992.024

Sample Name: K2021-03DLX2 Acquired: 04/01/2019 17:41:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0636545	.0926684	1.690205	-.059369	.1257846	65.26753	2.729853
Stddev	.0010043	.0038017	.004740	.005706	.0045325	.27787	.022354
%RSD	1.577699	4.102461	.2804118	9.610574	3.603391	.4257447	.8188806

#1	.0633041	.0909481	1.684953	-.052891	.1206804	65.13388	2.720138
#2	.0647870	.0900309	1.694164	-.061566	.1293389	65.08175	2.714001
#3	.0628723	.0970261	1.691499	-.063649	.1273344	65.58698	2.755421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741171	.0762825	576.2202	.6305946	.6442932	3.177552	509.0856
Stddev	.0002988	.0003709	5.2868	.0003128	.0006497	.008528	3.5478
%RSD	.4031377	.4861924	.9175035	.0496092	.1008384	.2683688	.6969030

#1	.0738044	.0759130	573.7193	.6302336	.6435587	3.182122	506.6472
#2	.0743997	.0766547	572.6478	.6307845	.6445281	3.167713	507.4538
#3	.0741472	.0762797	582.2935	.6307658	.6447928	3.182820	513.1557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.091228	36.35246	1.106380	.0272774	2.959527	1.119660	8.417949
Stddev	.034272	.30801	.002389	.0005753	.391499	.008294	.035166
%RSD	.8376890	.8472744	.2159442	2.109160	13.22844	.7407377	.4177457

#1	4.073057	36.12376	1.103637	.0272329	2.739207	1.116102	8.389341
#2	4.069868	36.23092	1.107493	.0267256	3.411544	1.113739	8.407296
#3	4.130759	36.70269	1.108009	.0278737	2.727830	1.129139	8.457209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.451840	1.881415	-1.05008	.0754743	7.893407	18.66262	.2187638
Stddev	.011248	.005904	.02274	.0007309	.029084	.11239	.0017284
%RSD	.3258432	.3138070	2.165218	.9684517	.3684599	.6022459	.7900860

#1	3.440516	1.882849	-1.02590	.0751369	7.911469	18.53985	.2195951
#2	3.463010	1.874927	-1.05332	.0749731	7.859856	18.68755	.2199195
#3	3.451994	1.886471	-1.07102	.0763130	7.908895	18.76045	.2167768

Sample Name: K2021-03DLX2 Acquired: 04/01/2019 17:41:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	3.693712	.0484639	3.107842
Stddev	.013437	.0004738	.005096
%RSD	.3637785	.9777151	.1639661

#1	3.691967	.0485994	3.103325
#2	3.681233	.0479370	3.106834
#3	3.707936	.0488551	3.113366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.921	3636.652	56610.00	11248.65	3939.240
Stddev	9.675	21.475	142.29	42.56	16.151
%RSD	.3763255	.5905267	.2513492	.3783391	.4099944

#1	2582.079	3661.256	56701.02	11297.16	3956.561
#2	2565.831	3621.673	56682.95	11231.18	3924.594
#3	2564.854	3627.026	56446.03	11217.61	3936.565

Sample Name: K2021-01A Acquired: 04/01/2019 17:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0470853	.0642894	3.572100	-.043781	.0480029	136.0898
Stddev	.0046521	.0013871	.007582	.004765	.0013122	.2691
%RSD	9.880234	2.157631	.2122611	10.88468	2.733487	.1977680

#1	.0523815	.0658503	3.574263	-.039422	.0483206	136.2658
#2	.0452149	.0638205	3.563672	-.048869	.0465610	136.2237
#3	.0436595	.0631976	3.578366	-.043053	.0491270	135.7800

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033615	.0483616	.0588408	F 1151.227	.8791363	.2266367
Stddev	.002782	.0005985	.0001594	16.807	.0016109	.0002953
%RSD	.2691416	1.237516	.2708181	1.459958	.1832332	.1303085

#1	1.036593	.0490515	.0589686	1153.714	.8772859	.2264563
#2	1.033170	.0479818	.0586623	1133.314	.8798974	.2269775
#3	1.031083	.0480514	.0588916	1166.652	.8802257	.2264764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.015997	F 1024.939	7.193038	75.23205	1.236492	-.059775
Stddev	.005165	5.965	.037078	.15891	.001513	.000702
%RSD	.0858493	.5820147	.5154728	.2112236	.1223327	1.174068

#1	6.021853	1023.744	7.235594	75.41400	1.236562	-.060306
#2	6.012090	1019.662	7.167698	75.12055	1.234945	-.060039
#3	6.014049	1031.412	7.175822	75.16159	1.237968	-.058979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.375928	1.237678	16.30399	7.451151	4.181138	^ *****
Stddev	.241585	.001182	.09392	.008429	.010904	-----
%RSD	3.275317	.0955362	.5760613	.1131213	.2607792	-----

#1	7.265150	1.236338	16.19554	7.458868	4.190260	^ -----
#2	7.653037	1.238121	16.35793	7.442157	4.169062	^ -----
#3	7.209599	1.238575	16.35849	7.452429	4.184093	^ -----

Sample Name: K2021-01A Acquired: 04/01/2019 17:50:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.1598219	17.50025	40.66308	.4945598	7.741929	.1151061
Stddev	.0009326	.06745	.32396	.0054358	.015931	.0010997
%RSD	.5835079	.3854429	.7967022	1.099118	.2057758	.9553364

#1	.1597504	17.51741	41.03464	.4894620	7.759240	.1152710
#2	.1607881	17.42587	40.43971	.4939374	7.738663	.1161139
#3	.1589271	17.55746	40.51490	.5002800	7.727885	.1139333

Elem	Sr4077
Units	ppm
Avg	6.420946
Stddev	.088330
%RSD	1.375651

#1	6.339228
#2	6.514662
#3	6.408949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.964	3653.528	58400.99	11731.76	3717.252
Stddev	16.185	5.005	191.84	47.39	2.688
%RSD	.6158623	.1369920	.3284811	.4039821	.0723024

#1	2646.643	3651.663	58598.53	11679.58	3714.757
#2	2619.148	3649.724	58215.41	11772.15	3720.098
#3	2618.101	3659.198	58389.02	11743.54	3716.901

Sample Name: CCV063 Acquired: 04/01/2019 17:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.864624	4.892962	24.98185	4.726666	4.797421	412.0799
Stddev	.033184	.032318	.18727	.036644	.037571	1.7572
%RSD	.6821455	.6604968	.7496433	.7752534	.7831454	.4264139

#1	4.889986	4.917602	25.10760	4.750868	4.818518	411.3486
#2	4.876818	4.904914	25.07133	4.744622	4.819701	414.0847
#3	4.827069	4.856371	24.76662	4.684507	4.754043	410.8066

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29222	.5390460	2.455014	438.7755	14.96996	2.479980
Stddev	.05118	.0030717	.016988	3.2937	.03159	.018423
%RSD	.4972748	.5698348	.6919862	.7506574	.2110411	.7428651

#1	10.24725	.5395251	2.466956	435.6042	14.93354	2.491355
#2	10.34791	.5418499	2.462520	442.1793	14.98996	2.489861
#3	10.28149	.5357629	2.435565	438.5431	14.98638	2.458725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33343	433.3165	15.65760	422.5417	2.456858	1.269767
Stddev	.04311	1.9816	.11478	2.4335	.017793	.007279
%RSD	.2811293	.4573004	.7330565	.5759215	.7242337	.5732918

#1	15.30425	431.2443	15.54090	419.9321	2.470301	1.264784
#2	15.38294	435.1929	15.77036	424.7491	2.463593	1.266396
#3	15.31309	433.5124	15.66156	422.9439	2.436680	1.278121

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.4802	2.485155	15.64776	154.8524	5.078850	F 4.326276
Stddev	1.6230	.010690	.04982	.5085	.037790	.027310
%RSD	.3973382	.4301462	.3183994	.3283793	.7440660	.6312595

#1	406.7389	2.476063	15.59675	154.3542	5.115901	4.328512
#2	409.9510	2.496931	15.65023	155.3706	5.080288	4.352399
#3	408.7507	2.482471	15.69630	154.8324	5.040362	4.297916

Sample Name: CCV063 Acquired: 04/01/2019 17:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	4.603135	5.030568	5.090781	4.856687	5.198111	5.120992
Stddev	.025649	.033109	.028393	.036390	.031590	.025740
%RSD	.5572114	.6581573	.5577429	.7492682	.6077128	.5026332

#1	4.618496	5.067076	5.087162	4.888354	5.178036	5.091674
#2	4.617383	5.022138	5.120810	4.864772	5.234524	5.139879
#3	4.573525	5.002488	5.064371	4.816935	5.181774	5.131424

Elem	Sr4077
Units	ppm
Avg	5.071566
Stddev	.062480
%RSD	1.231970

#1	5.002578
#2	5.124343
#3	5.087779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.274	3273.207	53045.06	10697.45	3572.037
Stddev	16.672	23.668	540.84	81.80	29.751
%RSD	.7054635	.7230813	1.019586	.7646588	.8328959

#1	2380.820	3262.264	53595.77	10789.36	3553.610
#2	2361.360	3256.991	53024.74	10632.64	3556.142
#3	2347.641	3300.366	52514.67	10670.36	3606.360

Sample Name: CCB063 Acquired: 04/01/2019 17:59:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0000259	-.000772	.0001345	.0002721	-.002398	.0026399	.0011726
Stddev	.0017994	.000817	.0013181	.0028750	.001068	.0150871	.0003563
%RSD	6953.471	105.8392	979.8153	1056.774	44.51714	571.5030	30.38293

#1	-.002032	.000171	.0002934	-.001205	-.001371	.0119846	.0008006
#2	.001305	-.001278	.0013660	-.001564	-.002323	.0107004	.0012064
#3	.000805	-.001209	-.001256	.003585	-.003502	-.014765	.0015107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	.0000926	.0272168	.0002877	.0000702	.0061758	.0388698
Stddev	.000056	.0000391	.0043160	.0000543	.0003715	.0022612	.0151908
%RSD	107.0493	42.19663	15.85773	18.85685	528.9724	36.61346	39.08128

#1	.000012	.0001375	.0308514	.0002815	.0004577	.0087797	.0517158
#2	-.000079	.0000660	.0283524	.0002369	.0000358	.0047072	.0427908
#3	-.000090	.0000743	.0224466	.0003449	-.000283	.0050406	.0221029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010413	.0092400	.0002458	.0002417	-.163165	.0003801	.0058826
Stddev	.0003781	.0176730	.0006208	.0003014	.171184	.0009810	.0017507
%RSD	36.31537	191.2669	252.5867	124.6632	104.9149	258.1226	29.76113

#1	.0014578	.0052053	.0009546	-.000075	-.091700	-.000607	.0077282
#2	.0007196	-.006067	-.000016	.000525	-.039292	.000392	.0056743
#3	.0009463	.028582	-.000201	.000274	-.358501	.001355	.0042454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005262	-.000325	.0041813	-.000038	-.000783	-.000032	-.000731
Stddev	.064964	.001646	.0013992	.000341	.002193	.000781	.000790
%RSD	1234.566	506.2499	33.46341	898.3916	280.1728	2457.964	107.9460

#1	-.035536	.001512	.0057913	-.000408	.001748	-.000260	-.001316
#2	.069313	-.001665	.0032590	.000264	-.001962	-.000674	-.001045
#3	-.049563	-.000822	.0034936	.000030	-.002134	.000838	.000167

Sample Name: CCB063 Acquired: 04/01/2019 17:59:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v823) 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	.0010904	.0009262	.0003078
Stddev	.0014110	.0016115	.0000670
%RSD	129.4016	173.9972	21.75004

#1	.0005365	-.000204	.0003320
#2	.0026943	.002771	.0002321
#3	.0000404	.000211	.0003593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.909	3778.348	57169.78	10849.98	4446.354
Stddev	18.299	5.762	497.08	207.00	4.970
%RSD	.6802715	.1524994	.8694777	1.907820	.1117748

#1	2687.713	3784.695	57078.76	10620.37	4451.265
#2	2709.207	3773.447	57706.09	10907.27	4446.470
#3	2672.808	3776.901	56724.51	11022.30	4441.327