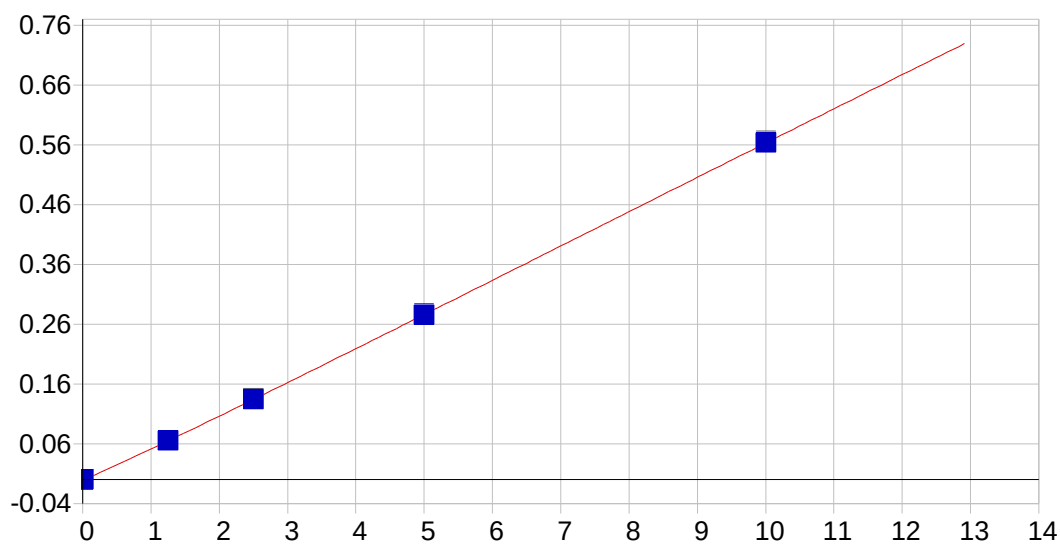


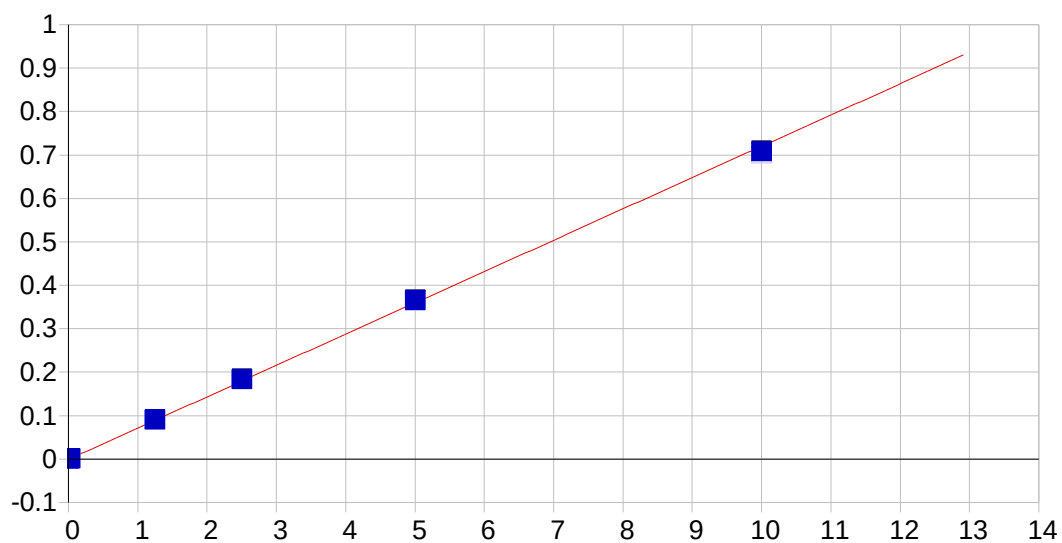


As 189.042 {479}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.051777 Y-int: 0.000000
 A2 (Curvature): -0.000140
 n (Exponent): 1.050000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.003273
 Predicted MQL: 0.010908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.00874	-.001	-12.6	.00008	.000	1
S2	1.2500	1.2533	.003	.263	.06538	.000	1
S3	2.5000	2.5050	.005	.201	.13505	.001	1
S4	5.0000	4.9892	-.011	-.215	.27657	.000	1
S5	10.000	10.004	.004	.036	.56522	.001	1



Date of Fit: 11/12/2018 12:56:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000695

Re-Slope: 1.000000

A1 (Gain): 0.072073

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999828

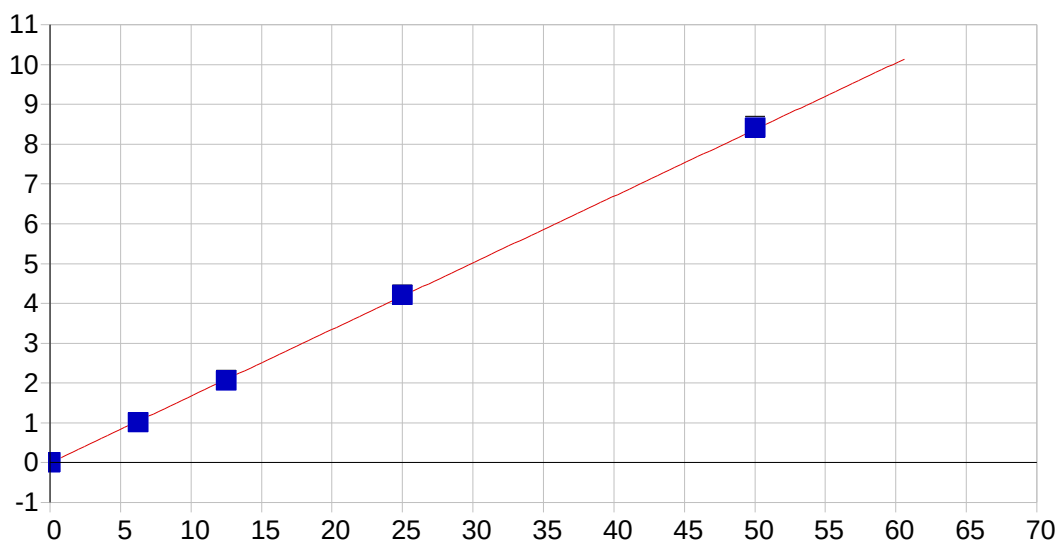
Status: OK.

Std Error of Est: 0.000035

Predicted MDL: 0.001870

Predicted MQL: 0.006232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.02500	.02505	.000	.197	.00108	.000	1
S2	1.2500	1.2677	.018	1.42	.09013	.000	1
S3	2.5000	2.5628	.063	2.51	.18292	.000	1
S4	5.0000	5.0906	.091	1.81	.36402	.000	1
S5	10.000	9.8289	-.171	-1.71	.70335	.002	1

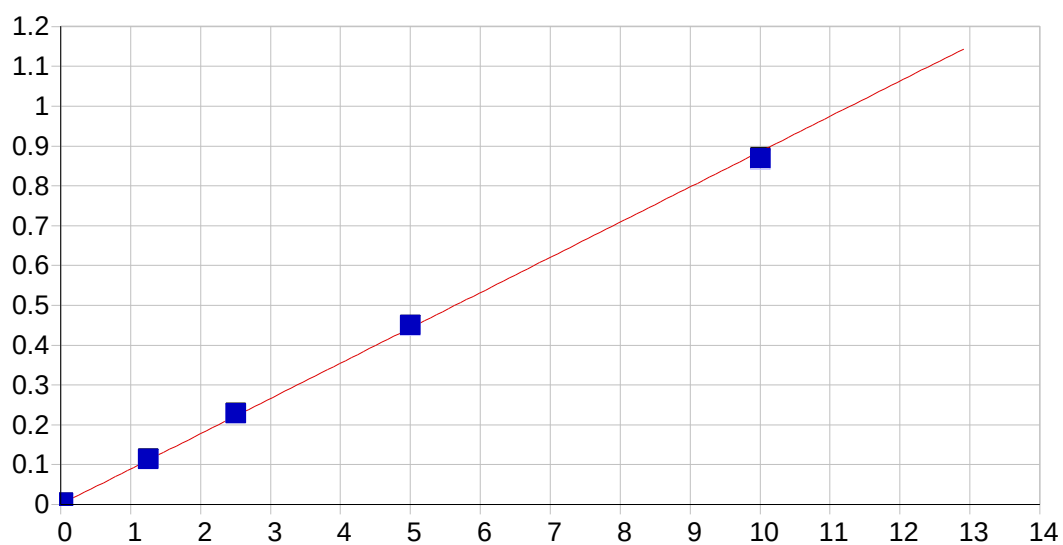


Pb 220.353 {453}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000289 Re-Slope: 1.000000
 A1 (Gain): 0.167297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001675
 Predicted MQL: 0.005584

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.00820	-.002	-18.0	.00109	.000	1
S2	6.2500	6.0379	-.212	-3.39	1.0113	.001	1
S3	12.500	12.309	-.191	-1.53	2.0619	.005	1
S4	25.000	25.126	.126	.504	4.2090	.004	1
S5	50.000	50.279	.279	.558	8.4228	.022	1

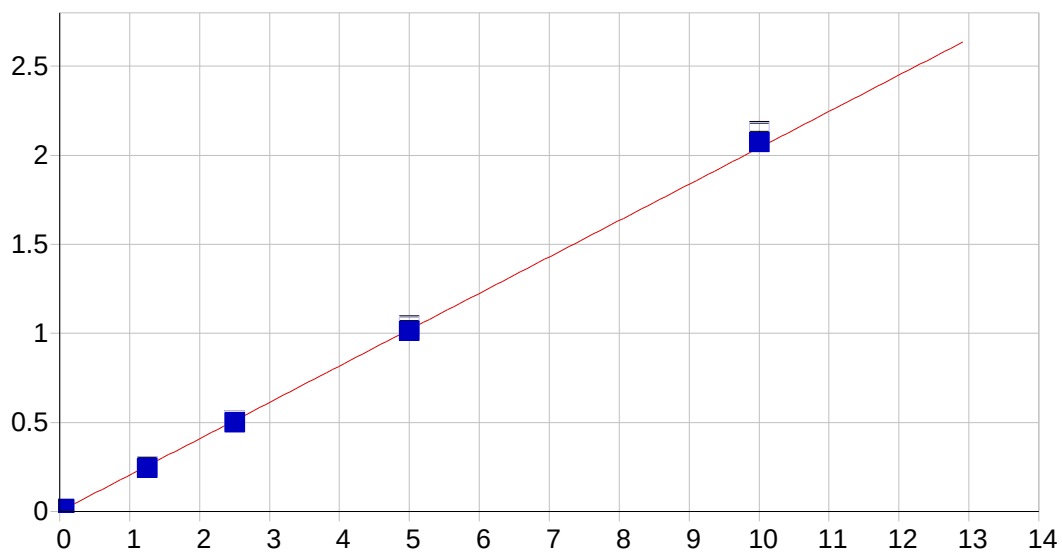


Se 196.090 {472}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000665 Re-Slope: 1.000000
 A1 (Gain): 0.088524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002582
 Predicted MQL: 0.008605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.03500	.03235	-.003	-7.56	.00353	.000	1
S2	1.2500	1.2816	.032	2.53	.11360	.001	1
S3	2.5000	2.5791	.079	3.16	.22794	.001	1
S4	5.0000	5.0748	.075	1.50	.44784	.001	1
S5	10.000	9.8171	-.183	-1.83	.86556	.002	1

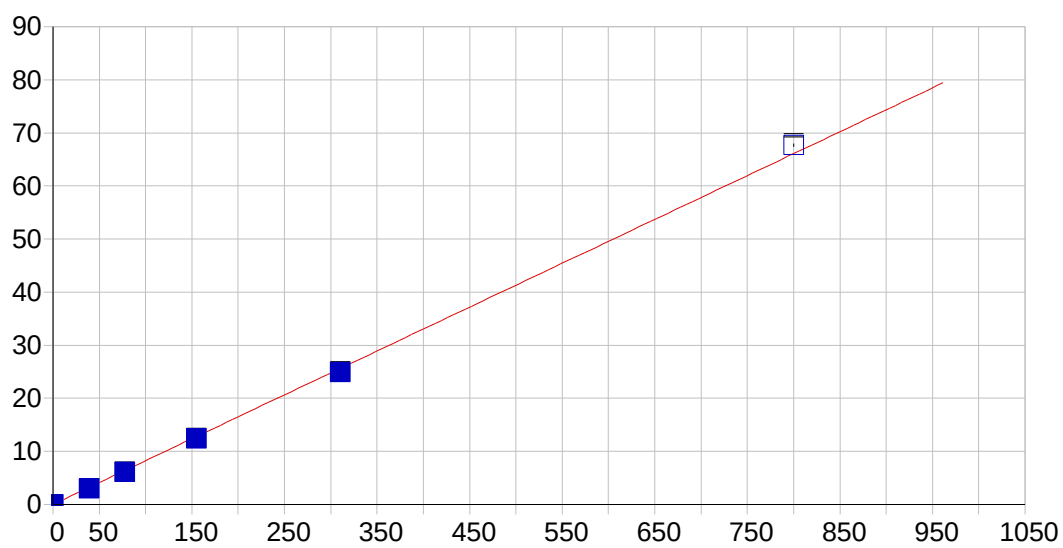


Sb 206.833 {463}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000359 Re-Slope: 1.000000
 A1 (Gain): 0.204147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.001419
 Predicted MQL: 0.004731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00036	.000	1
S1	.06000	.05789	-.002	-3.52	.01217	.000	1
S2	1.2500	1.1952	-.055	-4.39	.25130	.001	1
S3	2.5000	2.4362	-.064	-2.55	.51161	.000	1
S4	5.0000	4.9650	-.035	-.701	1.0417	.004	1
S5	10.000	10.156	.156	1.56	2.1292	.004	1

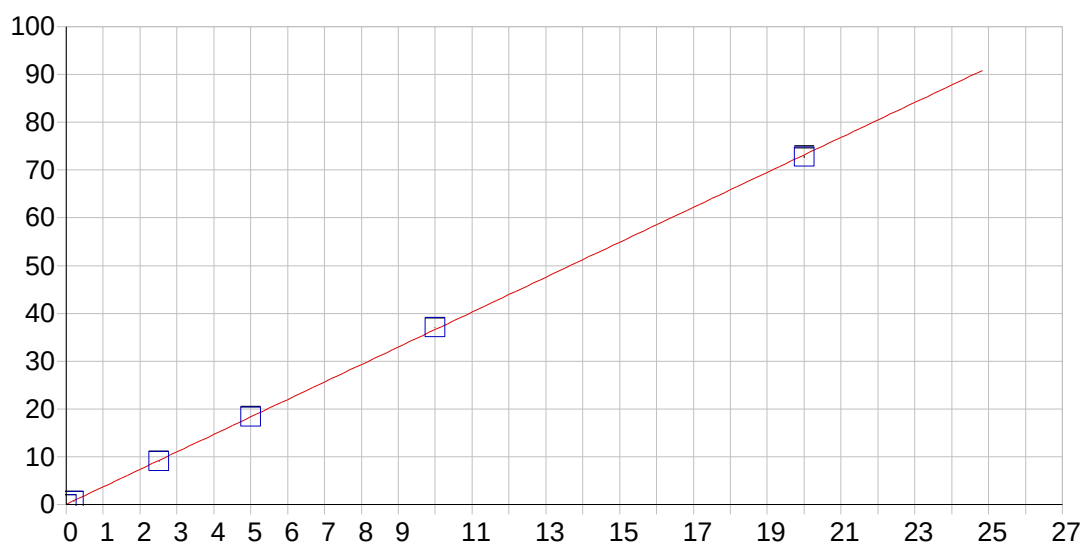


AI 396.152 { 85}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003873	Re-Slope: 1.000000
A1 (Gain):	0.082598	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999558	Status: OK.
Std Error of Est:	0.001528	
Predicted MDL:	0.013894	
Predicted MQL:	0.046314	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00388	.001	1
S1	.20000	.18235	-.018	-8.83	.01896	.001	1
S2	38.750	36.480	-2.27	-5.86	3.0200	.017	1
S3	77.500	73.942	-3.56	-4.59	6.1172	.025	1
S4	155.00	150.01	-4.99	-3.22	12.407	.049	1
S5	310.00	300.90	-9.10	-2.93	24.882	.117	1
S6	800.00	819.95	20.0	2.49	67.730	.309	1

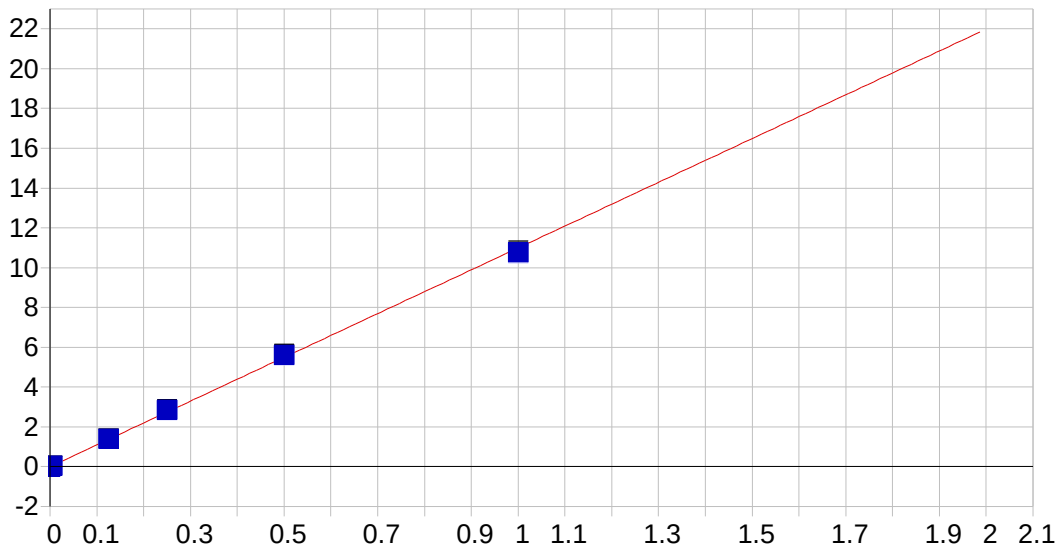


Ba 493.409 { 68}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039009 Re-Slope: 1.000000
 A1 (Gain): 3.656595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.003683
 Predicted MDL: 0.000960
 Predicted MQL: 0.003201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03905	.005	1
S1	.20000	.18862	-.011	-5.69	.72872	.002	1
S2	2.5000	2.4630	-.037	-1.48	9.0451	.008	1
S3	5.0000	5.0246	.025	.492	18.412	.021	1
S4	10.000	10.125	.125	1.25	37.061	.059	1
S5	20.000	19.899	-.101	-.505	72.802	.266	1

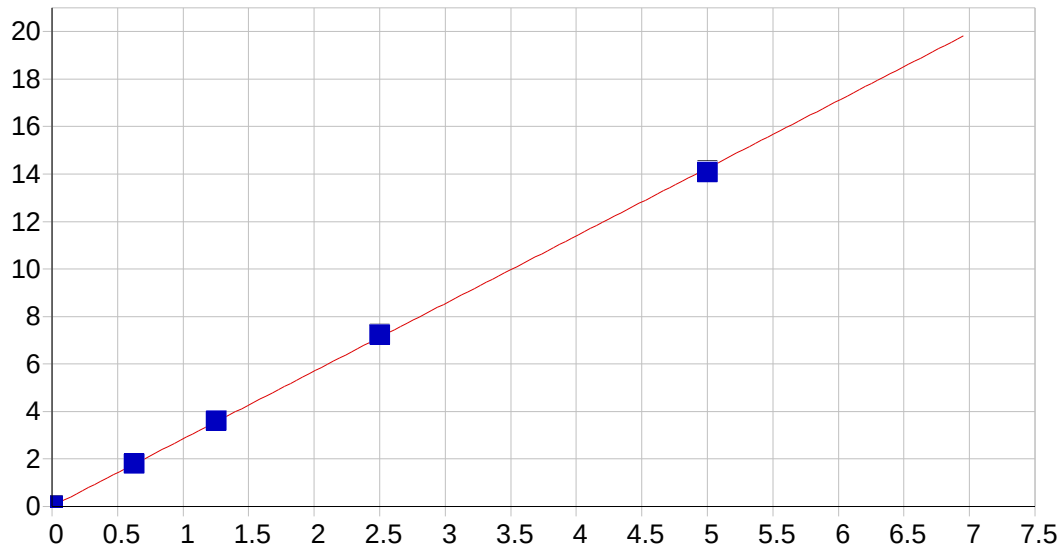


Be 234.861 {144}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003696	Re-Slope: 1.000000
A1 (Gain):	10.993981	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999712	Status: OK.
Std Error of Est:	0.000986	
Predicted MDL:	0.000059	
Predicted MQL:	0.000197	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00370	.000	1
S1	.00500	.00477	.000	-4.52	.04874	.001	1
S2	.12500	.12691	.002	1.53	1.3856	.013	1
S3	.25000	.25875	.009	3.50	2.8290	.026	1
S4	.50000	.51129	.011	2.26	5.5933	.032	1
S5	1.0000	.97827	-.022	-2.17	10.703	.091	1

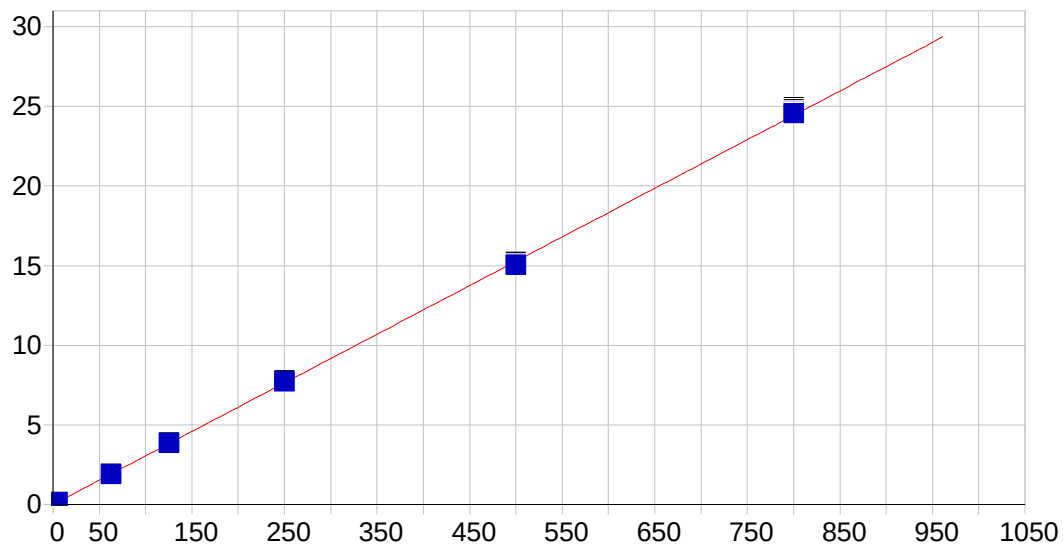


Cd 214.438 {457}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000418 Re-Slope: 1.000000
 A1 (Gain): 2.849330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.00500	.00480	.000	-3.93	.01411	.000	1
S2	.62500	.62967	.005	.747	1.7982	.002	1
S3	1.2500	1.2681	.018	1.45	3.6209	.006	1
S4	2.5000	2.5378	.038	1.51	7.2462	.012	1
S5	5.0000	4.9396	-.060	-1.21	14.104	.036	1

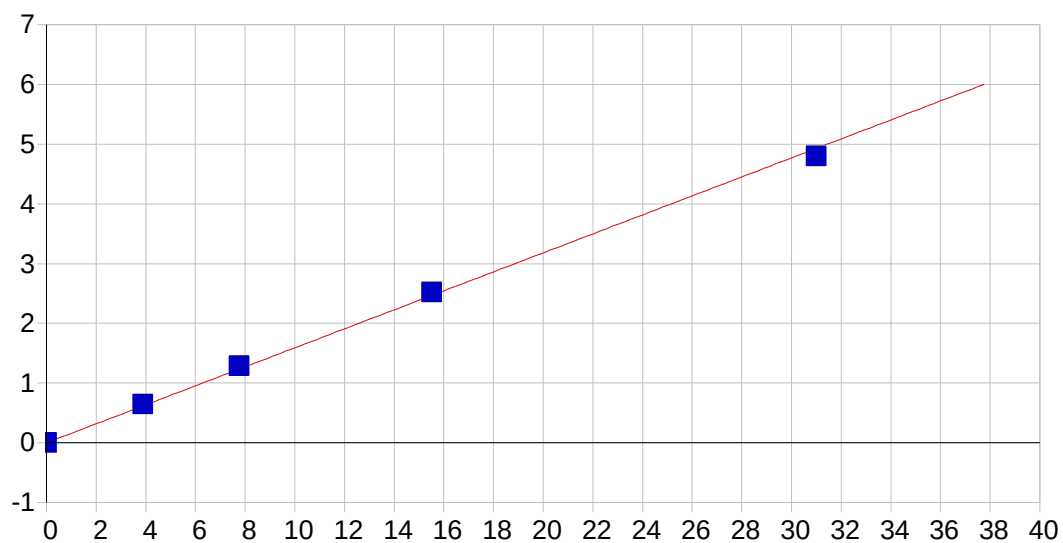


Ca 373.690 { 90}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001942 Re-Slope: 1.000000
 A1 (Gain): 0.030540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000955
 Predicted MDL: 0.026957
 Predicted MQL: 0.089856

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00195	.001	1
S1	5.0000	4.8256	-.174	-3.49	.14934	.001	1
S2	62.500	62.382	-.118	-.188	1.9139	.023	1
S3	125.00	125.81	.809	.647	3.8578	.036	1
S4	250.00	252.22	2.22	.887	7.7320	.050	1
S5	500.00	493.32	-6.68	-1.34	15.122	.113	1
S6	800.00	803.94	3.94	.492	24.700	.254	1

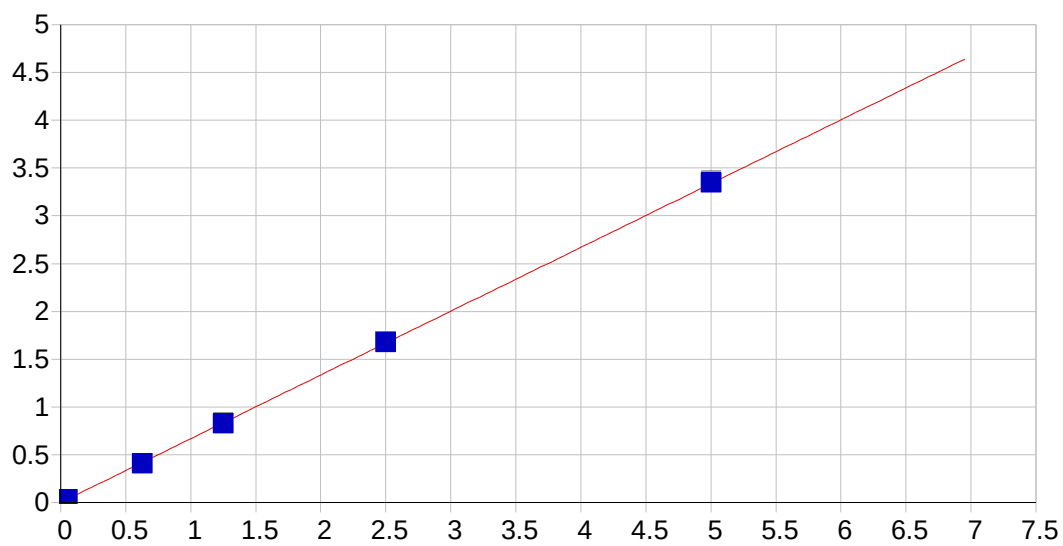


Cr 267.716 {126}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.158984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999532 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000527
 Predicted MQL: 0.001755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01083	.001	8.29	.00172	.000	1
S2	3.8750	4.0646	.190	4.89	.64729	.001	1
S3	7.7500	8.0768	.327	4.22	1.2863	.003	1
S4	15.500	15.843	.343	2.22	2.5232	.002	1
S5	31.000	30.139	-.861	-2.78	4.8004	.017	1

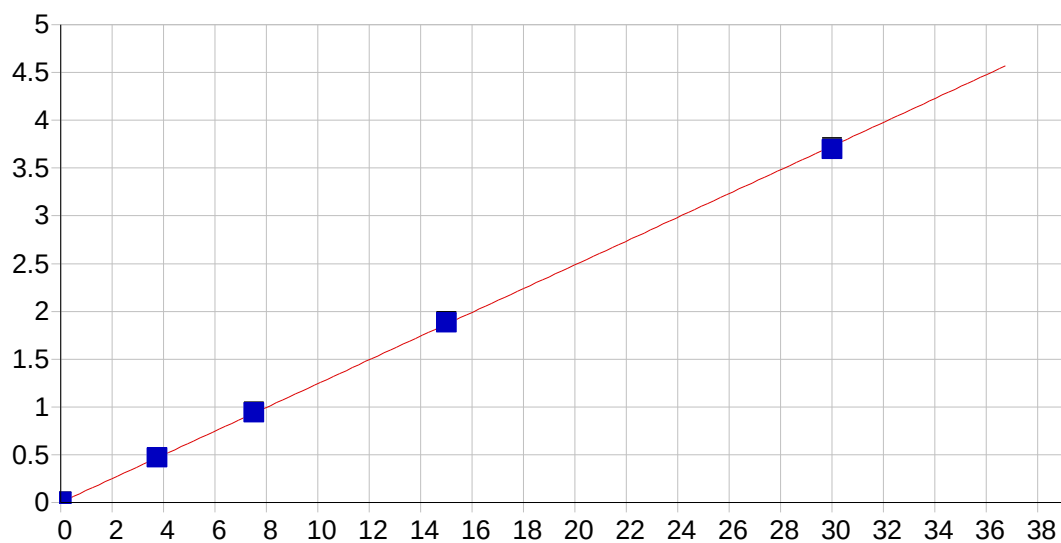


Co 228.616 {448}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.667385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.000282
 Predicted MQL: 0.000939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00010	.000	1
S1	.05000	.04502	-.005	-9.95	.03027	.000	1
S2	.62500	.60694	-.018	-2.89	.40599	.001	1
S3	1.2500	1.2395	-.010	-.839	.82899	.001	1
S4	2.5000	2.5153	.015	.613	1.6821	.003	1
S5	5.0000	5.0182	.018	.364	3.3558	.007	1

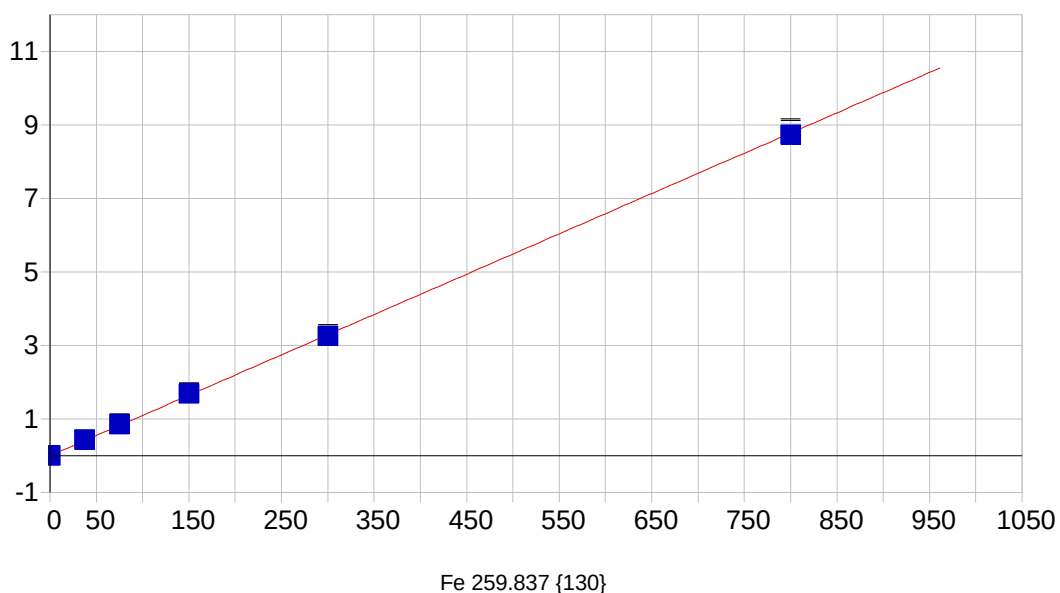


Cu 324.754 {104}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000890 Re-Slope: 1.000000
 A1 (Gain): 0.124290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.004669
 Predicted MQL: 0.015564

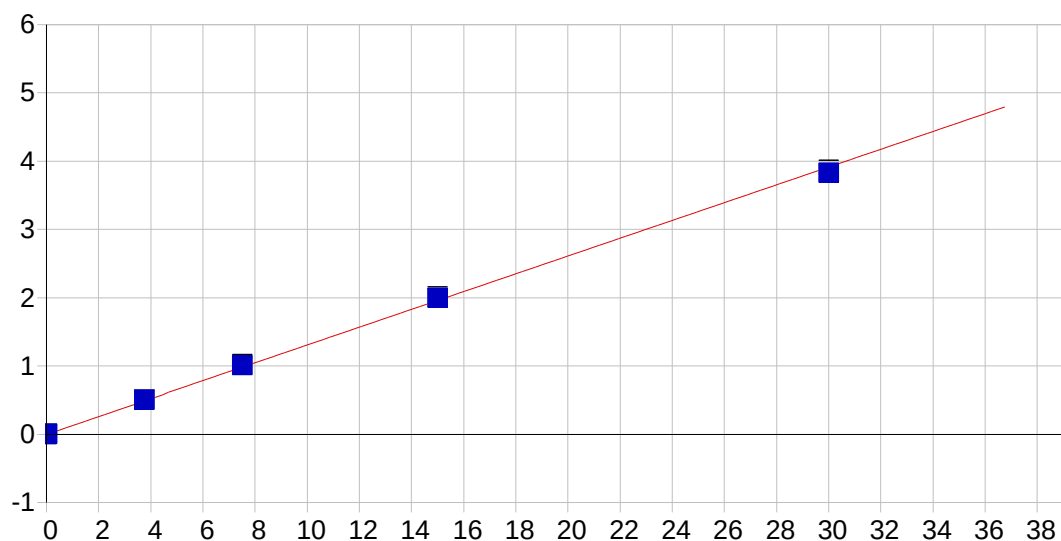
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.02500	.02586	.001	3.45	.00410	.000	1
S2	3.7500	3.7768	.027	.715	.47002	.001	1
S3	7.5000	7.5825	.082	1.10	.94274	.005	1
S4	15.000	15.149	.149	.995	1.8826	.008	1
S5	30.000	29.741	-.259	-.865	3.6950	.016	1



Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.010976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.024148
 Predicted MQL: 0.080495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00018	.000	1
S1	.10000	.11790	.018	17.9	.00149	.000	1
S2	37.500	38.952	1.45	3.87	.42990	.005	1
S3	75.000	77.748	2.75	3.66	.85791	.007	1
S4	150.00	154.00	4.00	2.67	1.6992	.012	1
S5	300.00	296.78	-3.22	-1.07	3.2751	.029	1
S6	800.00	794.99	-5.01	-.626	8.7655	.128	1

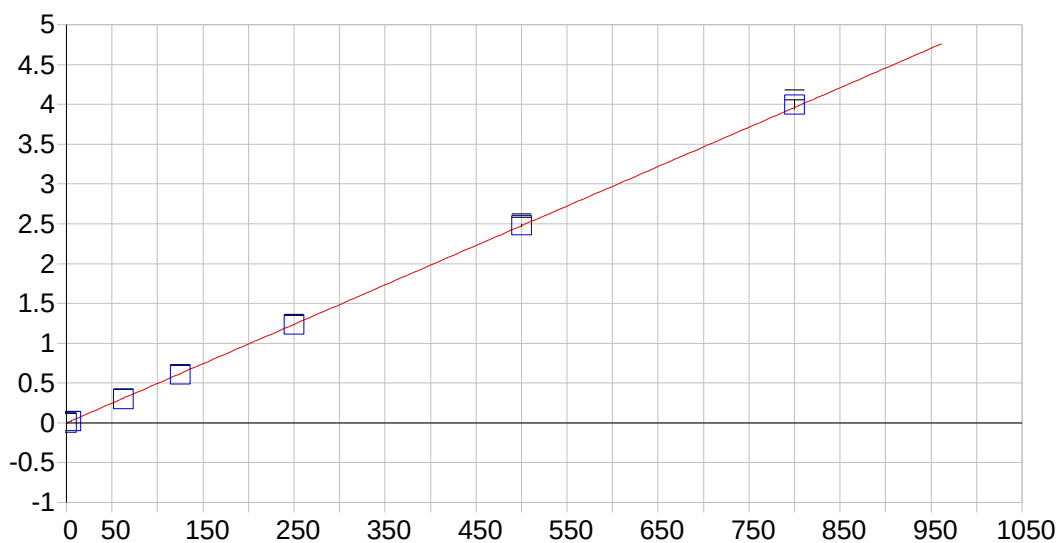


Mn 257.610 {131}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.130452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.001762
 Predicted MQL: 0.005874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01500	.01556	.001	3.72	.00202	.000	1
S2	3.7500	3.8691	.119	3.18	.50484	.007	1
S3	7.5000	7.7359	.236	3.15	1.0094	.014	1
S4	15.000	15.286	.286	1.91	1.9946	.016	1
S5	30.000	29.358	-.642	-2.14	3.8307	.043	1

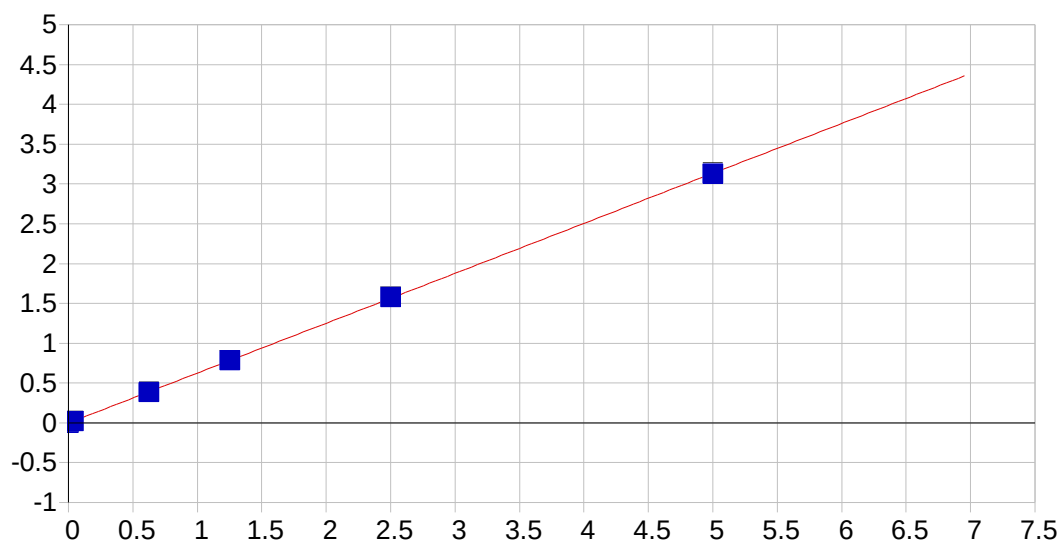


Mg 279.079 {121}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.004951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.064917
 Predicted MQL: 0.216390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00072	.001	.000	-.00020	.000	1
S1	5.0000	4.5672	-.433	-8.66	.02241	.000	1
S2	62.500	60.260	-2.24	-3.58	.29814	.004	1
S3	125.00	121.82	-3.18	-2.55	.60292	.005	1
S4	250.00	248.88	-1.12	-.449	1.2320	.008	1
S5	500.00	500.23	.235	.047	2.4764	.021	1
S6	800.00	806.74	6.74	.843	3.9939	.060	1

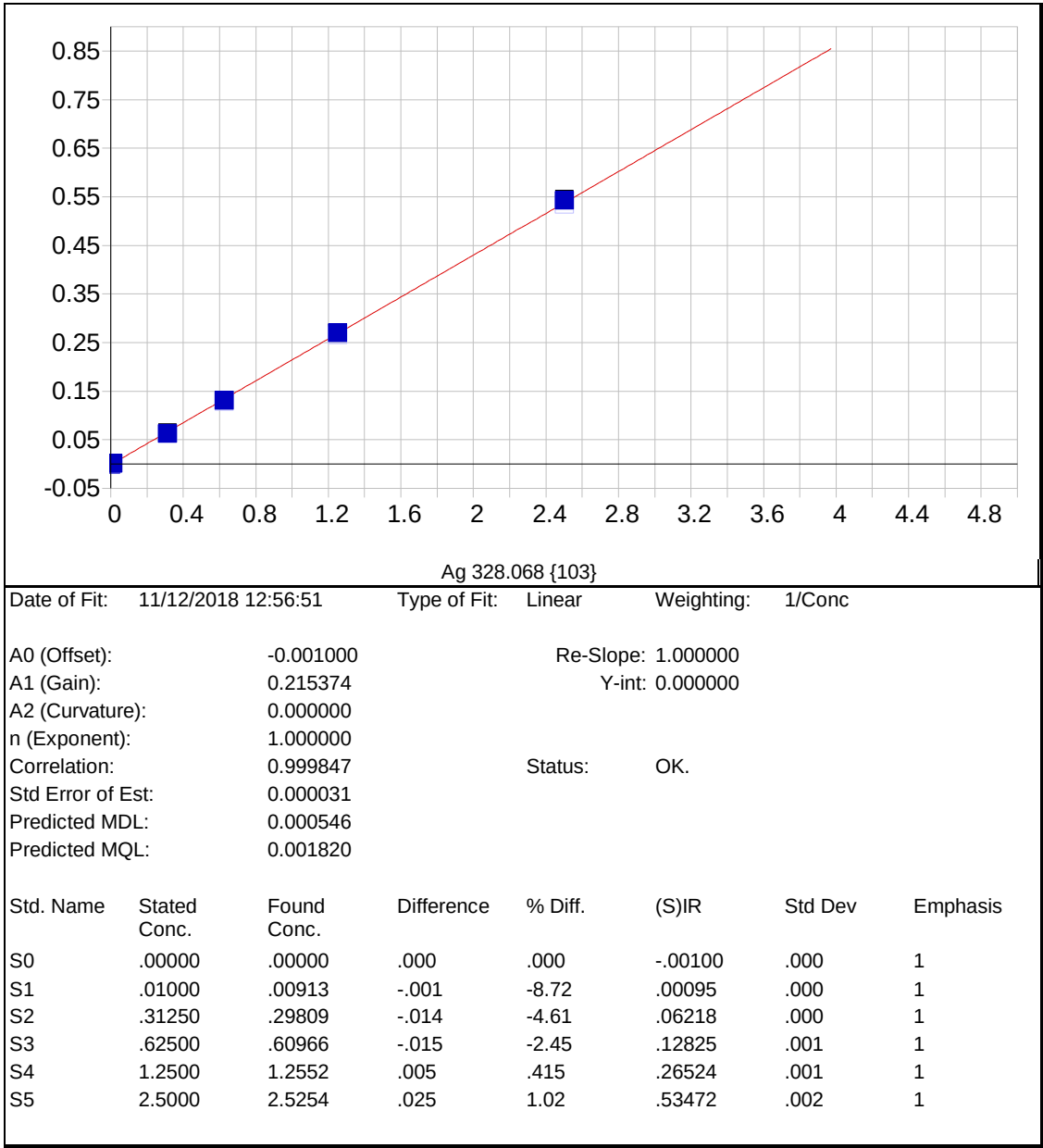


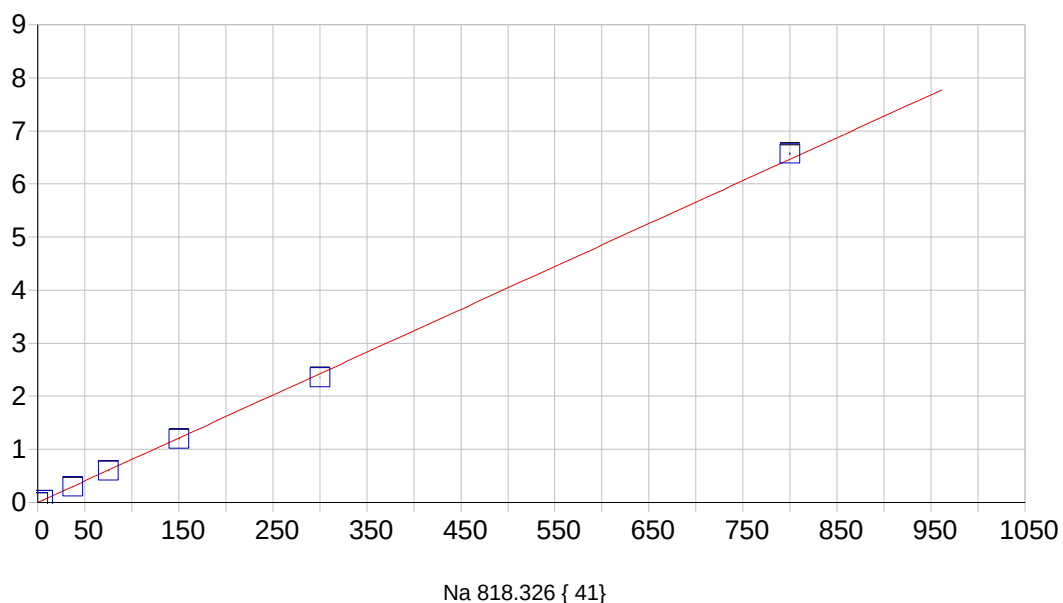
Ni 231.604 {446}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001903 Re-Slope: 1.000000
 A1 (Gain): 0.626856 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000393
 Predicted MQL: 0.001308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00190	.000	1
S1	.04000	.03838	-.002	-4.06	.02217	.000	1
S2	.62500	.61675	-.008	-1.32	.38552	.001	1
S3	1.2500	1.2517	.002	.139	.78436	.001	1
S4	2.5000	2.5212	.021	.847	1.5817	.004	1
S5	5.0000	4.9870	-.013	-.261	3.1306	.011	1

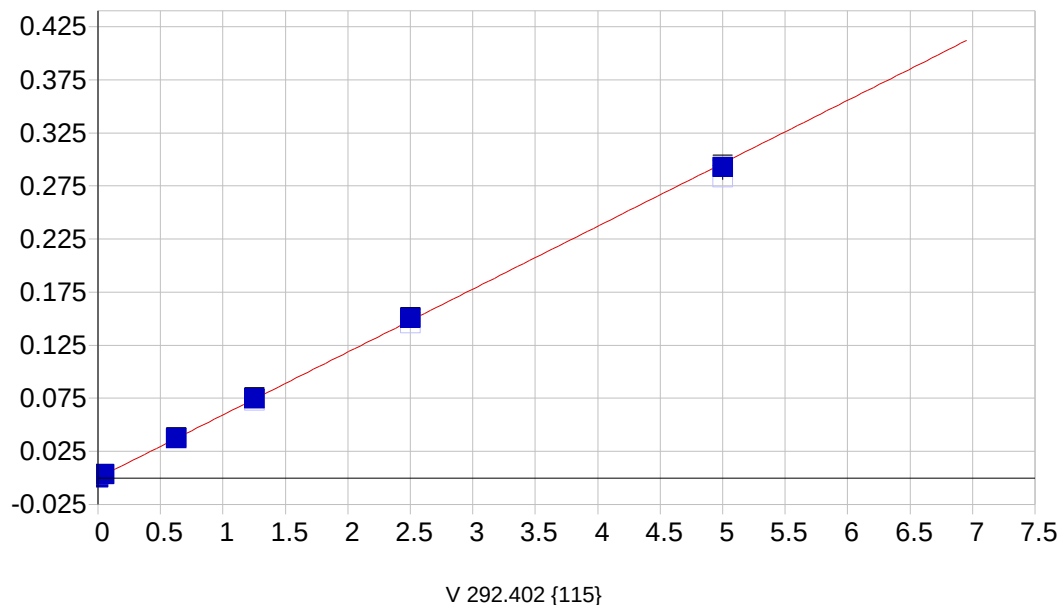




Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001507 Re-Slope: 1.000000
 A1 (Gain): 0.008081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000493
 Predicted MDL: 0.309727
 Predicted MQL: 1.032422

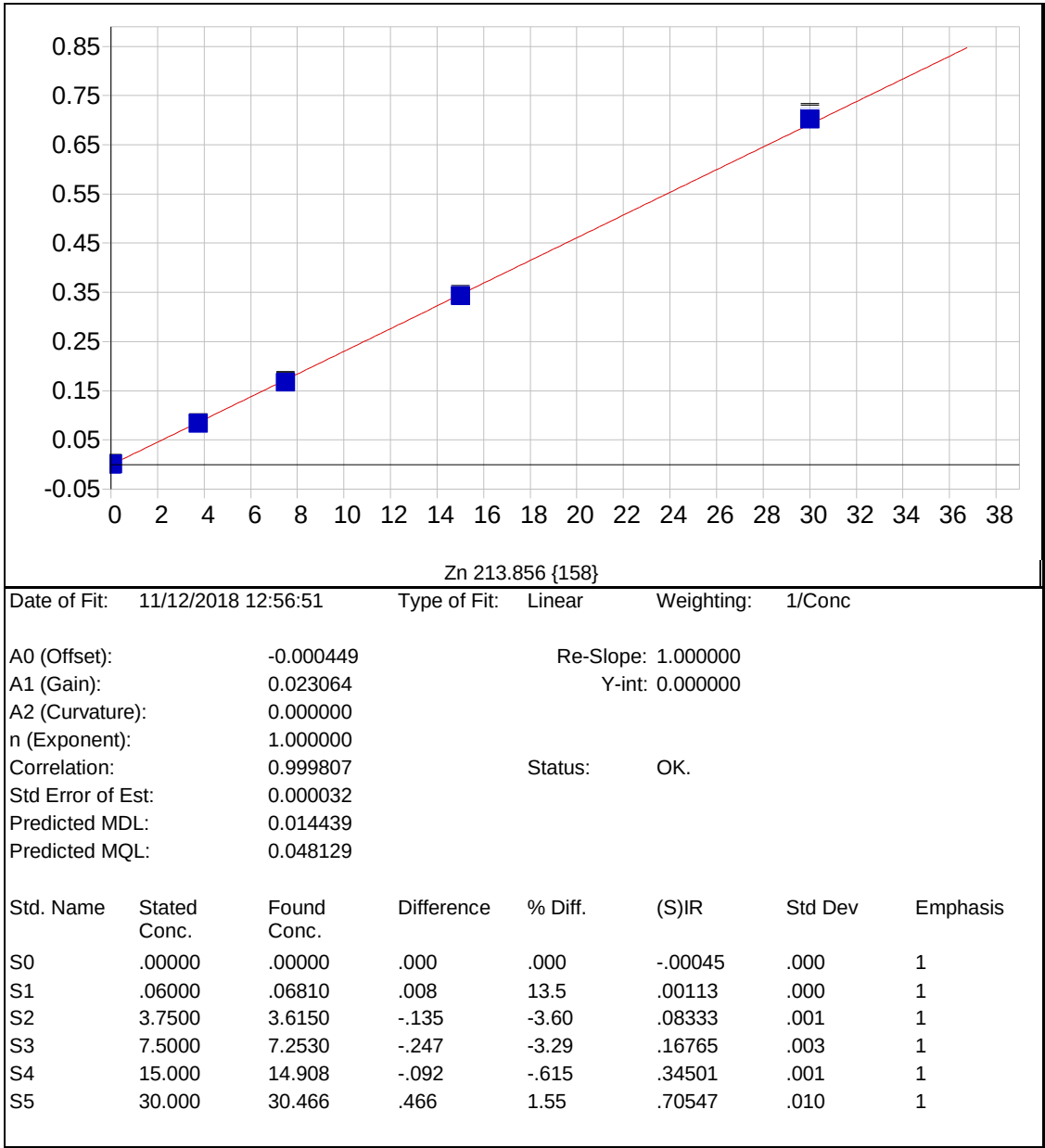
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	.00151	.001	1
S1	5.0000	4.7650	-.235	-4.70	.04001	.003	1
S2	37.500	36.330	-1.17	-3.12	.29510	.002	1
S3	75.000	73.906	-1.09	-1.46	.59877	.001	1
S4	150.00	148.10	-1.90	-1.27	1.1983	.005	1
S5	300.00	291.56	-8.44	-2.81	2.3577	.007	1
S6	800.00	812.84	12.8	1.61	6.5703	.018	1

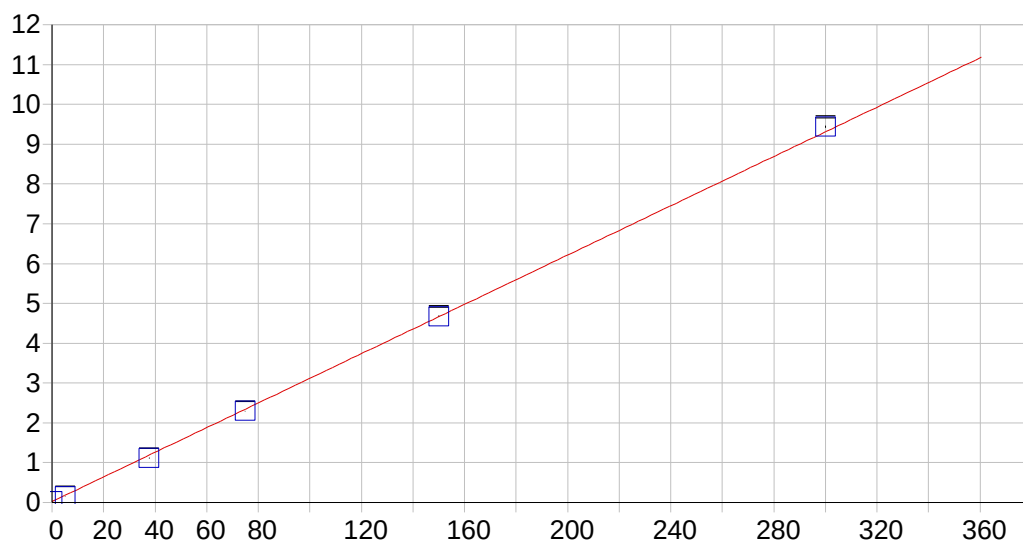


Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.059249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.006629
 Predicted MQL: 0.022098

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00009	.000	1
S1	.05000	.05446	.004	8.92	.00331	.000	1
S2	.62500	.63272	.008	1.24	.03636	.001	1
S3	1.2500	1.2622	.012	.976	.07243	.001	1
S4	2.5000	2.5382	.038	1.53	.14559	.001	1
S5	5.0000	4.9373	-.063	-1.25	.28285	.002	1



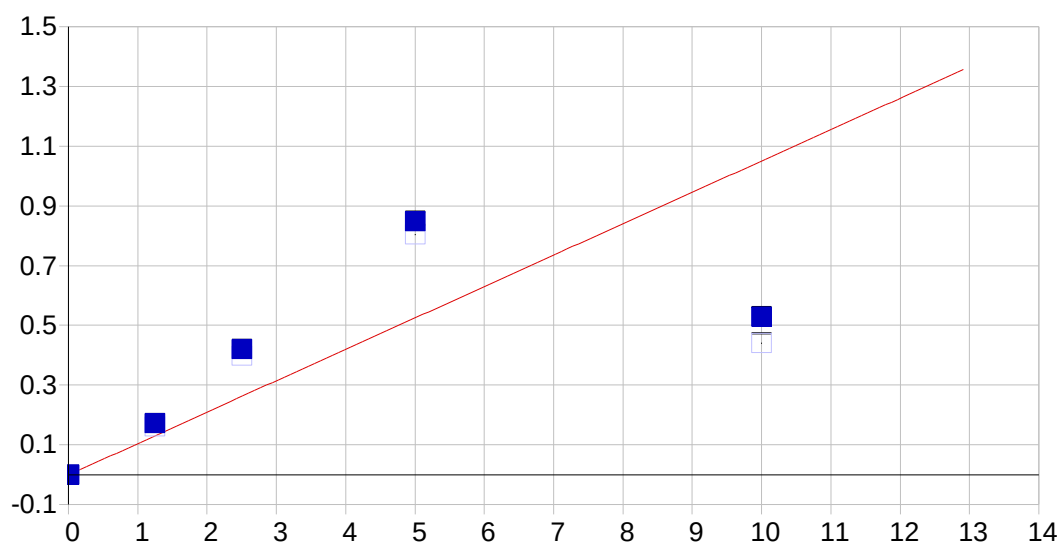


K 769.896 { 44}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022981 Re-Slope: 1.000000
 A1 (Gain): 0.030955 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.001460
 Predicted MDL: 0.072706
 Predicted MQL: 0.242354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00098	.001	.000	.02301	.001	1
S1	5.0000	4.3286	-.671	-13.4	.15697	.001	1
S2	37.500	35.415	-2.09	-5.56	1.1192	.002	1
S3	75.000	73.370	-1.63	-2.17	2.2942	.003	1
S4	150.00	150.35	.346	.231	4.6770	.026	1
S5	300.00	304.04	4.04	1.35	9.4346	.025	1

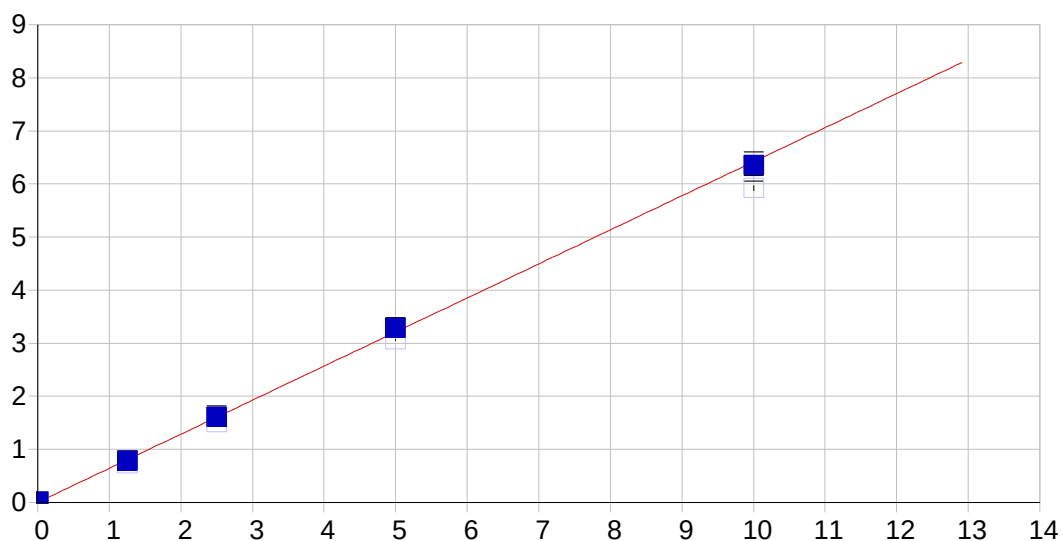


P 177.495 {490}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001167 Re-Slope: 1.000000
 A1 (Gain): 0.105155 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.863274 Status: OK.
 Std Error of Est: 0.000944
 Predicted MDL: 0.001006
 Predicted MQL: 0.003354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00117	.000	1
S1	.01000	.00417	-.006	-58.3	-.00080	.000	1
S2	1.2500	1.6373	.387	31.0	.15997	.001	1
S3	2.5000	4.0042	1.50	60.2	.39781	.001	1
S4	5.0000	8.0755	3.08	61.5	.80386	.002	1
S5	10.000	5.0390	-4.96	-49.6	.44041	.001	1

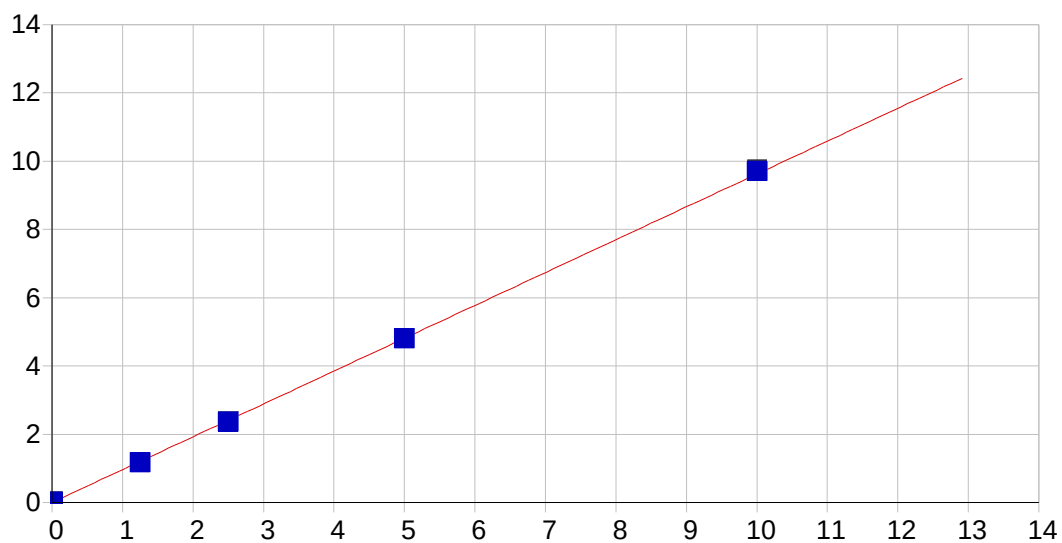


B 249.678 {135}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002601 Re-Slope: 1.000000
 A1 (Gain): 0.641623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.001026
 Predicted MQL: 0.003422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00260	.001	1
S1	.01000	.00782	-.002	-21.8	.00751	.001	1
S2	1.2500	1.2171	-.033	-2.63	.72864	.006	1
S3	2.5000	2.5121	.012	.482	1.5047	.018	1
S4	5.0000	5.1165	.117	2.33	3.0660	.014	1
S5	10.000	9.9066	-.093	-.934	5.9200	.053	1

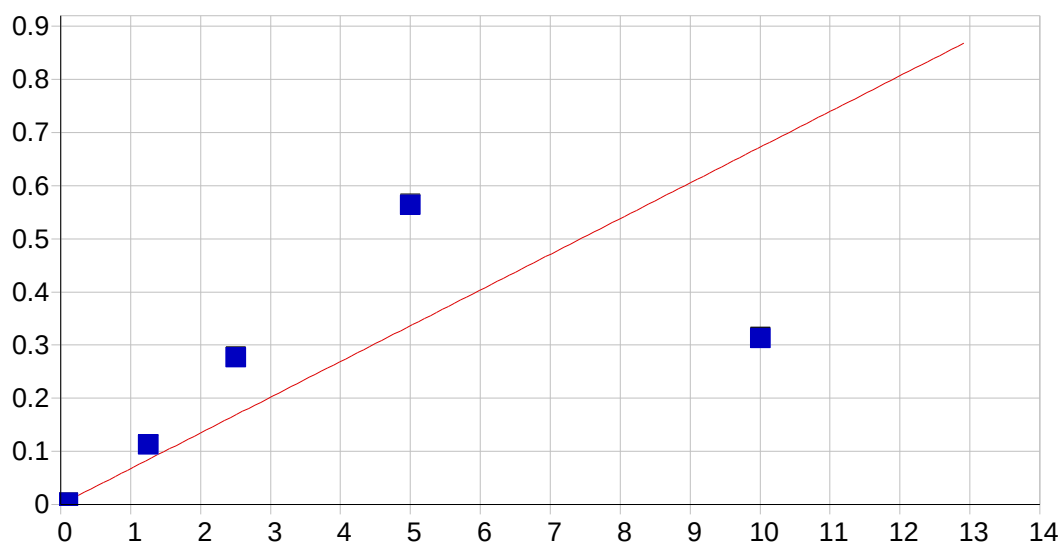


Mo 202.030 {467}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000780 Re-Slope: 1.000000
 A1 (Gain): 0.962413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.000264
 Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.01000	.00909	-.001	-9.08	.00953	.000	1
S2	1.2500	1.2118	-.038	-3.06	1.1670	.001	1
S3	2.5000	2.4579	-.042	-1.68	2.3662	.003	1
S4	5.0000	4.9895	-.010	-.209	4.8026	.001	1
S5	10.000	10.092	.092	.917	9.7128	.020	1

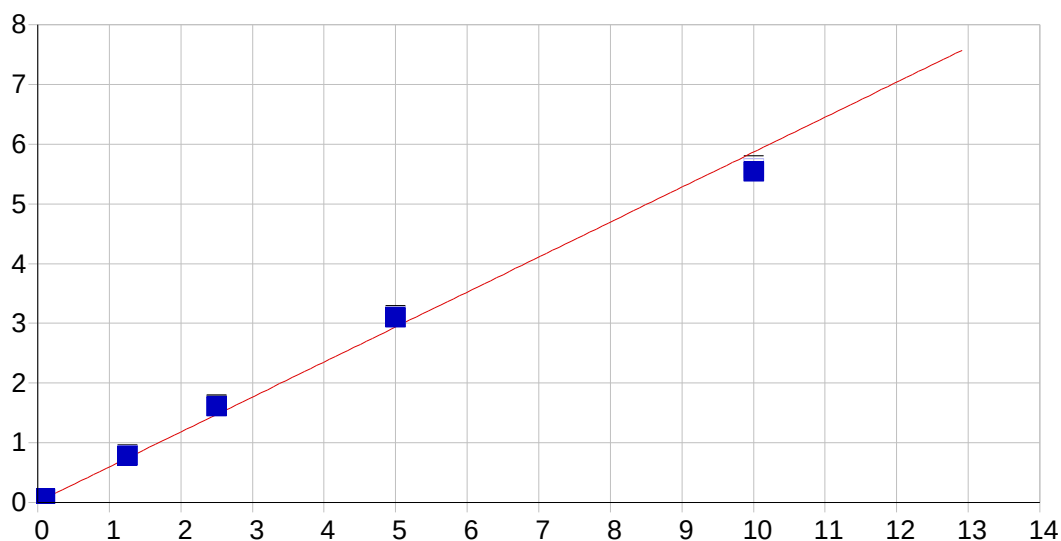


S 182.034 {485}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.067225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.864604 Status: OK.
 Std Error of Est: 0.002077
 Predicted MDL: 0.001722
 Predicted MQL: 0.005740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.00026	.000	1
S1	.10000	.03753	-.062	-62.5	.00279	.000	1
S2	1.2500	1.6631	.413	33.0	.11210	.000	1
S3	2.5000	4.1140	1.61	64.6	.27689	.000	1
S4	5.0000	8.3844	3.38	67.7	.56402	.001	1
S5	10.000	4.6509	-5.35	-53.5	.31316	.002	1

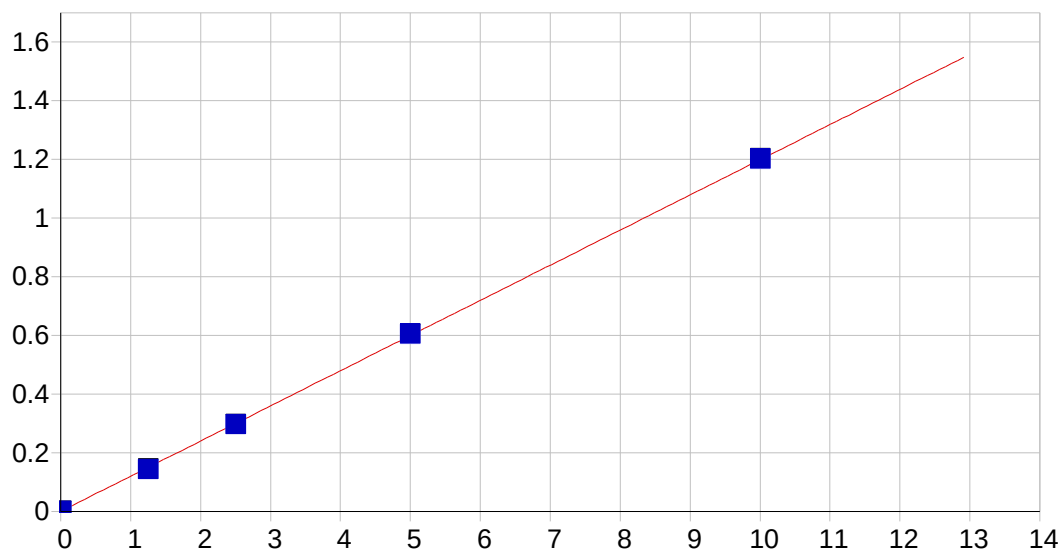


Si 251.611 {134}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009512 Re-Slope: 1.000000
 A1 (Gain): 0.585623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998184 Status: OK.
 Std Error of Est: 0.001893
 Predicted MDL: 0.001152
 Predicted MQL: 0.003841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00951	.000	1
S1	.10000	.09070	-.009	-9.30	.06283	.000	1
S2	1.2500	1.3239	.074	5.91	.79079	.006	1
S3	2.5000	2.7238	.224	8.95	1.6166	.018	1
S4	5.0000	5.2642	.264	5.28	3.1163	.019	1
S5	10.000	9.4474	-.553	-5.53	5.5901	.051	1

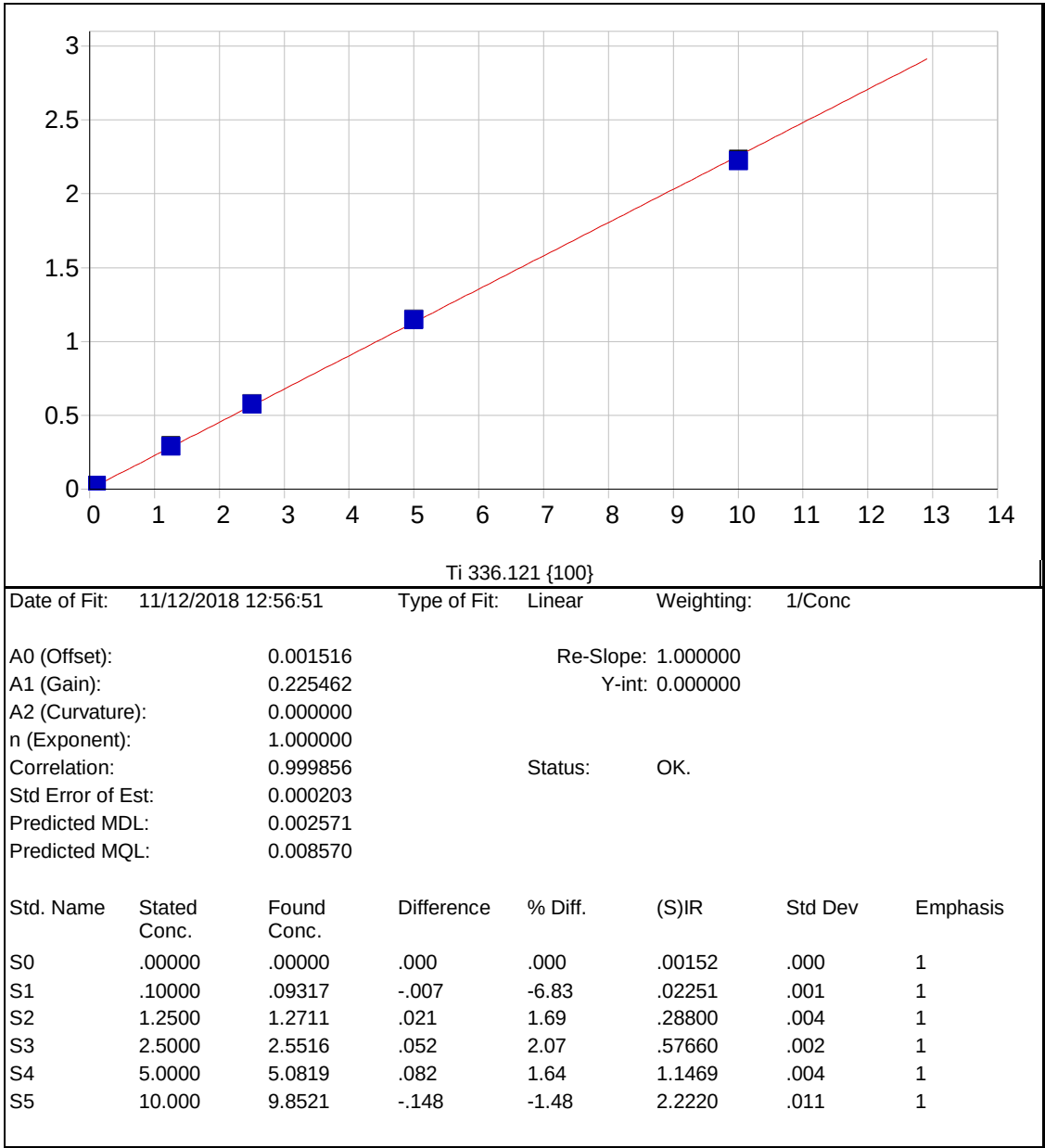


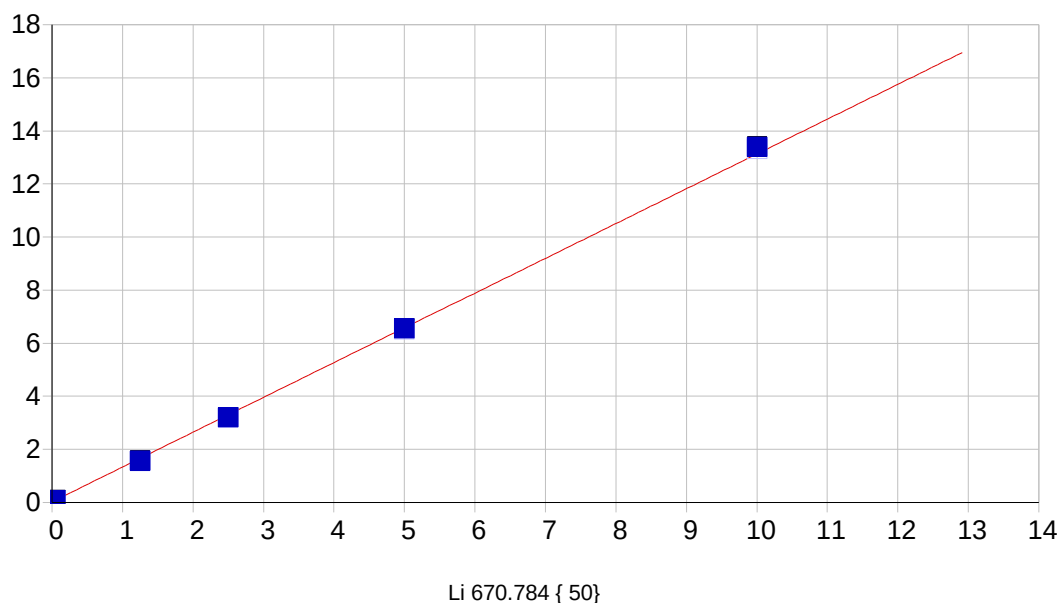
Sn 189.989 {478}

Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000420 Re-Slope: 1.000000
 A1 (Gain): 0.119875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000955
 Predicted MQL: 0.003185

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.00700	.00485	-.002	-30.8	.00097	.000	1
S2	1.2500	1.2047	-.045	-3.62	.14451	.001	1
S3	2.5000	2.4767	-.023	-.934	.29665	.000	1
S4	5.0000	5.0436	.044	.873	.60370	.001	1
S5	10.000	10.027	.027	.270	1.1998	.003	1

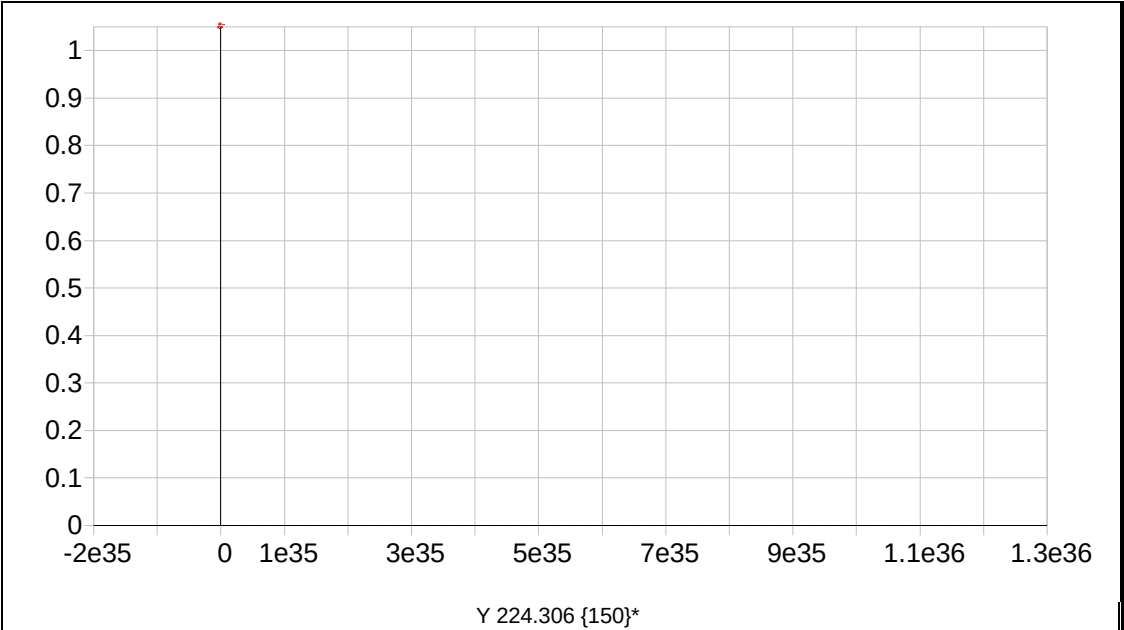




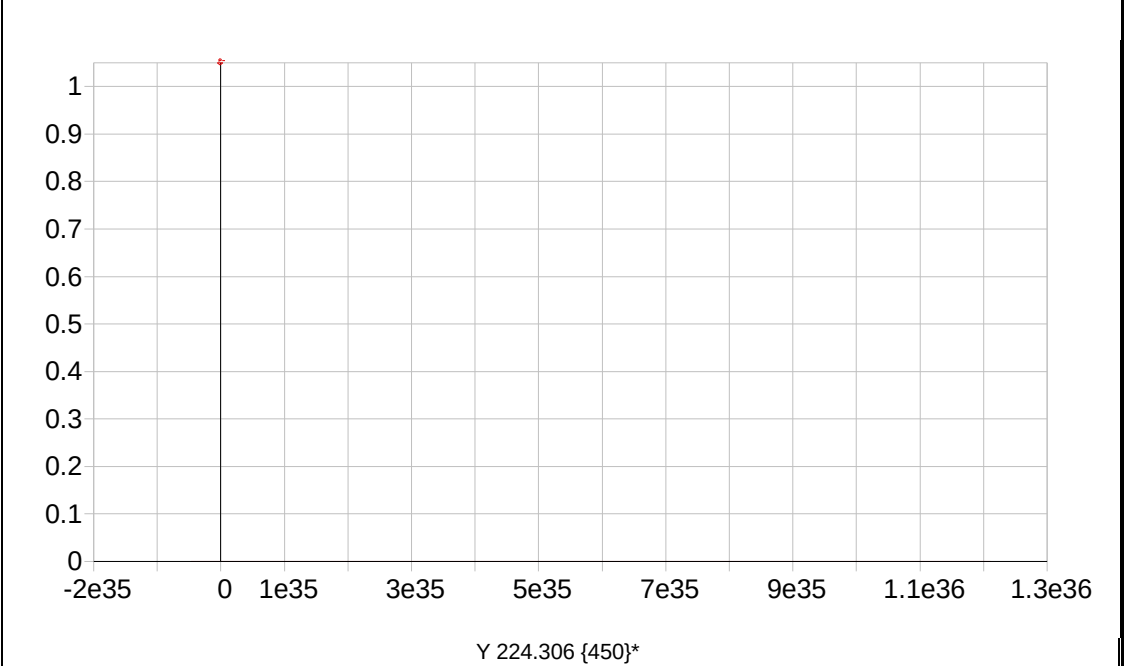
Date of Fit: 11/12/2018 12:56:51 Type of Fit: Linear Weighting: 1/Conc

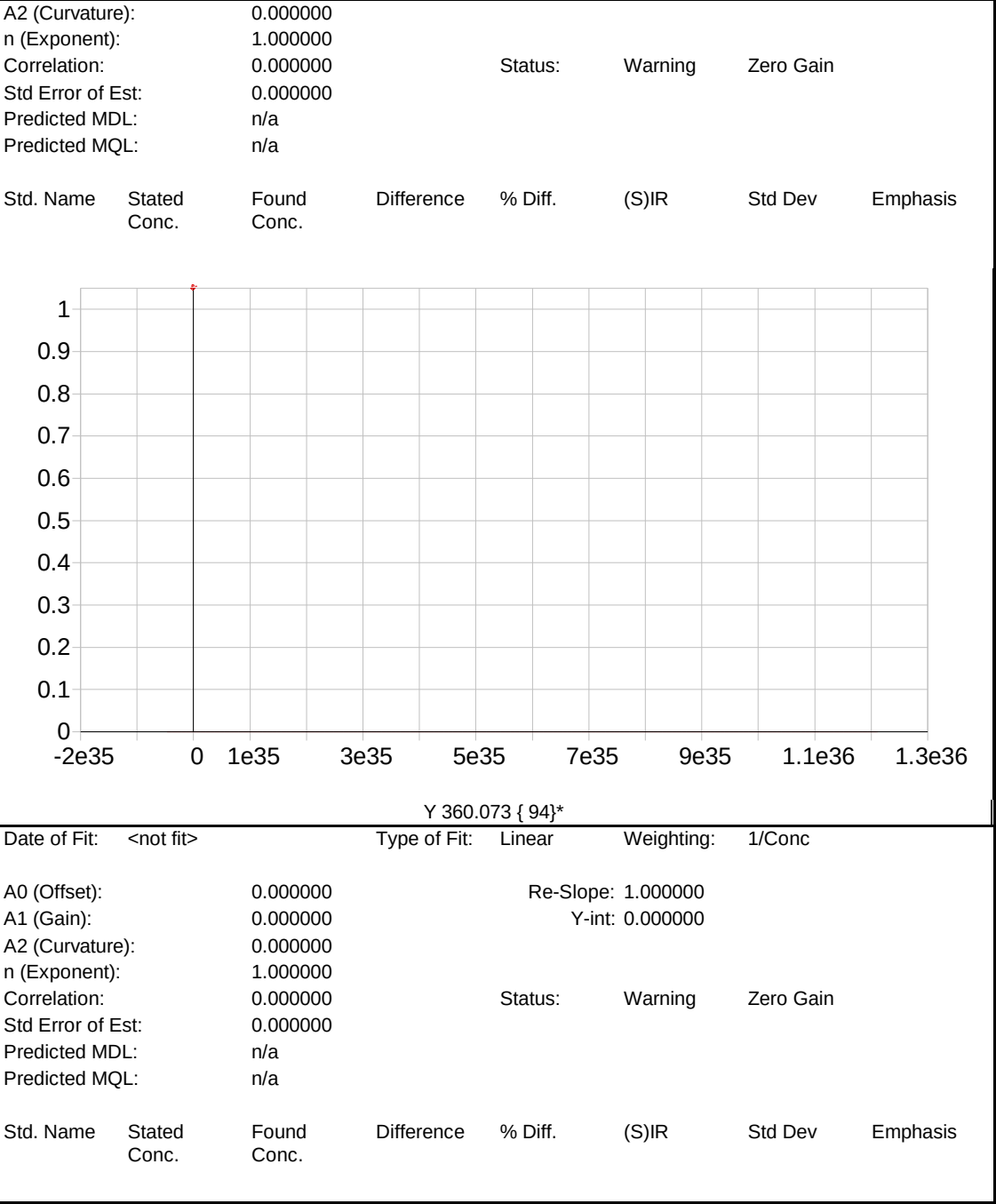
A0 (Offset): 0.023362 Re-Slope: 1.000000
 A1 (Gain): 1.311012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999670 Status: OK.
 Std Error of Est: 0.001258
 Predicted MDL: 0.001957
 Predicted MQL: 0.006523

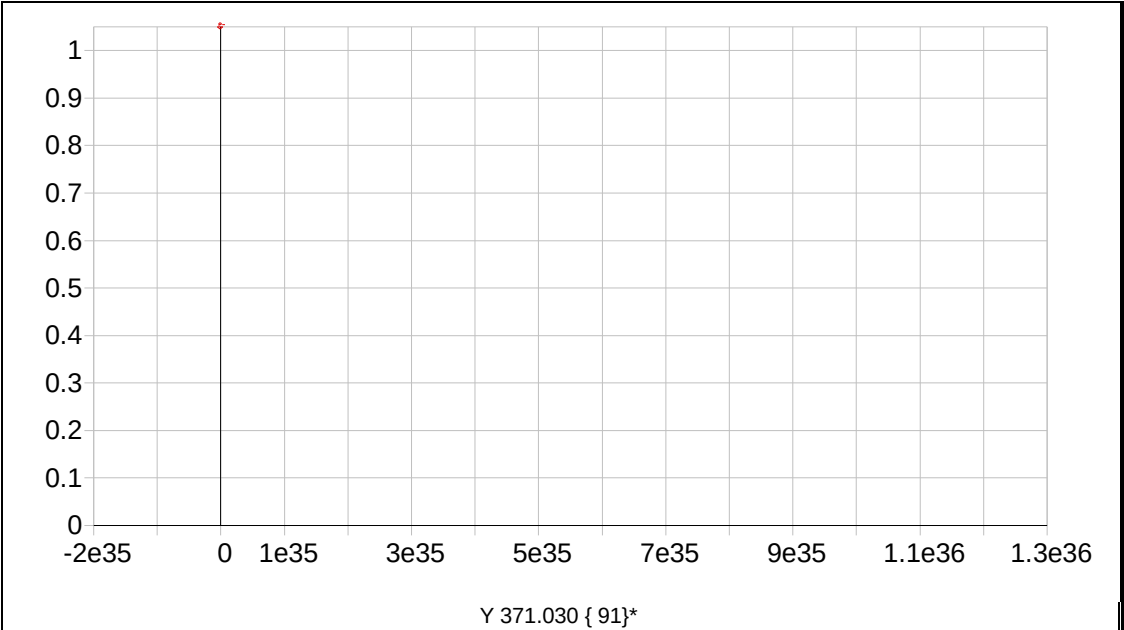
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02338	.001	1
S5	10.000	10.191	.191	1.91	13.310	.031	1
S4	5.0000	4.9721	-.028	-.559	6.5049	.018	1
S3	2.5000	2.4199	-.080	-3.21	3.1774	.005	1
S2	1.2500	1.1764	-.074	-5.89	1.5564	.014	1
S1	.05000	.04109	-.009	-17.8	.07710	.003	1



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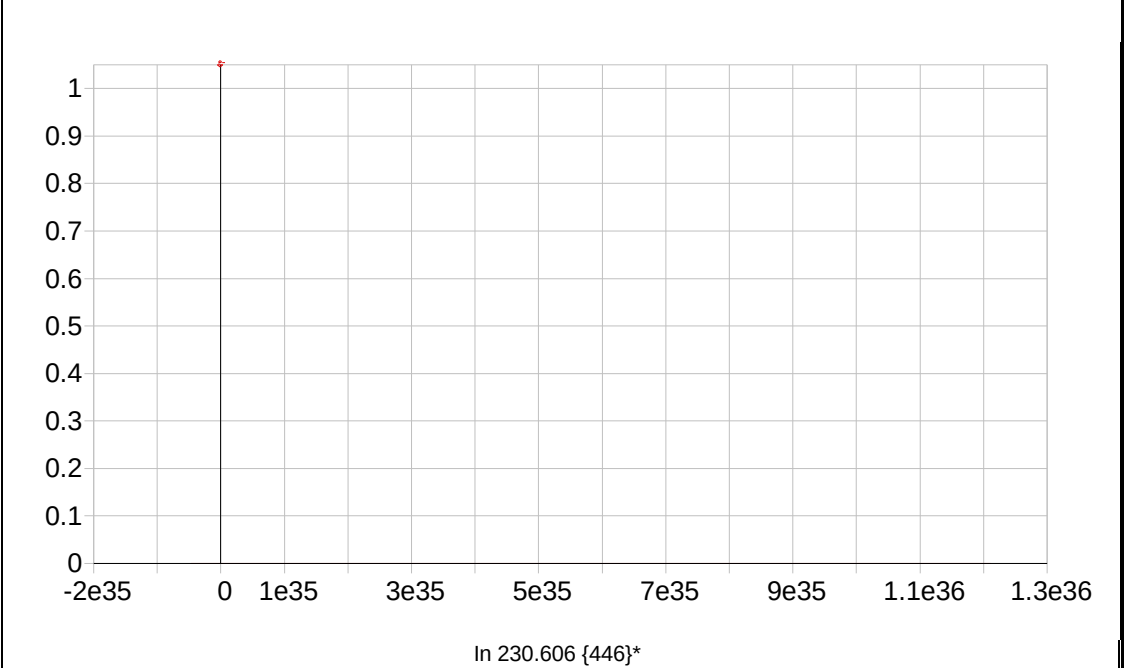




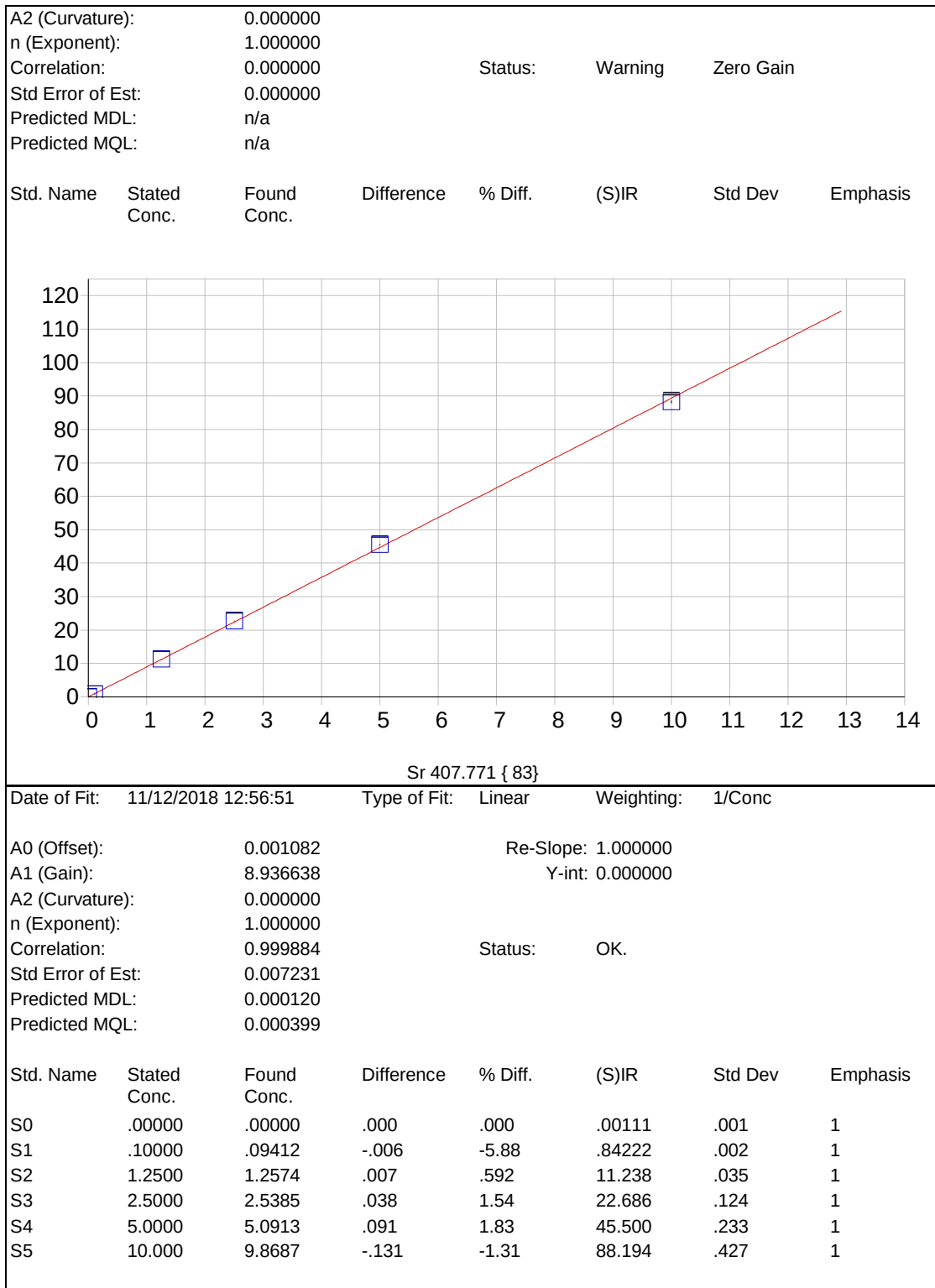


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/12/2018 12:21:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00028	-.00069	-.00029	.00067	.00036	.00388	.03905	-.00370
Stddev	.00013	.00020	.00019	.00015	.00016	.00109	.00492	.00016
%RSD	48.518	28.426	64.634	23.051	44.336	28.039	12.592	4.2516

#1	-.00014	-.00072	-.00014	.00064	.00053	.00309	.03344	-.00353
#2	-.00027	-.00088	-.00050	.00083	.00034	.00342	.04115	-.00384
#3	-.00041	-.00049	-.00023	.00053	.00021	.00512	.04258	-.00373

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00042	.00195	.00000	.00010	.00089	.00018	-.00001	-.00020
Stddev	.00020	.00146	.0001	.00007	.00048	.00023	.00015	.00016
%RSD	48.466	74.840	4909.2	63.247	53.561	130.66	2085.2	78.073

#1	.00020	.00186	.00011	.00018	.00070	.00044	-.00016	-.00038
#2	.00047	.00344	-.00009	.00008	.00143	.00002	.00013	-.00010
#3	.00059	.00053	-.00003	.00005	.00054	.00007	.00002	-.00012

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	-.00190	-.00100	.00151	.00009	-.00045	.02301	-.00117	.00260
Stddev	.00003	.00001	.00094	.00049	.00013	.00095	.00003	.00064
%RSD	1.6153	.91518	62.009	547.03	28.321	4.1192	2.6782	24.524

#1	-.00188	-.00099	.00073	.00064	-.00058	.02333	-.00114	.00212
#2	-.00188	-.00100	.00125	-.00029	-.00032	.02375	-.00115	.00333
#3	-.00194	-.00101	.00255	-.00009	-.00045	.02194	-.00120	.00237

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	.00078	.00026	.00951	.00042	.00152	.02338	.00111	
Stddev	.00002	.00014	.00022	.00006	.00043	.00073	.00081	
%RSD	2.7227	51.586	2.2747	13.575	28.123	3.1295	72.694	

#1	.00080	.00039	.00940	.00039	.00179	.02361	.00024	
#2	.00079	.00012	.00976	.00049	.00174	.02397	.00183	
#3	.00076	.00028	.00937	.00039	.00102	.02256	.00126	

Sample Name: S0 Acquired: 11/12/2018 12:21:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.7	2554.6	49610.	4539.3	3995.2
Stddev	7.9	1.3	82.	17.2	4.0
%RSD	.34683	.05280	.16581	.37801	.10114
#1	2273.8	2553.1	49688.	4555.4	3993.8
#2	2263.0	2555.1	49524.	4521.2	3999.7
#3	2278.3	2555.7	49619.	4541.2	3992.0

Sample Name: S1 Acquired: 11/12/2018 12:25:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00008	.00108	.00109	.00353	.01217	.01896	.72872	.04874
Stddev	.00005	.00005	.00018	.00009	.00024	.00089	.00223	.00098
%RSD	63.438	4.3739	16.874	2.4800	1.9814	4.6846	.30626	2.0015

#1	.00003	.00105	.00098	.00359	.01210	.01846	.72874	.04785
#2	.00014	.00106	.00099	.00356	.01198	.01998	.73094	.04860
#3	.00008	.00114	.00130	.00343	.01244	.01843	.72648	.04978

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	.01411	.14934	.00172	.03027	.00410	.00149	.00202	.02241
Stddev	.00010	.00085	.00006	.00012	.00035	.00021	.00010	.00009
%RSD	.68222	.57233	3.3860	.38455	8.6061	13.977	4.9499	.38897

#1	.01422	.14914	.00172	.03015	.00444	.00152	.00214	.02234
#2	.01404	.14859	.00167	.03038	.00412	.00169	.00196	.02251
#3	.01409	.15027	.00178	.03029	.00373	.00127	.00198	.02238

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	.02217	.00095	.04001	.00331	.00113	.15697	-.00080	.00751
Stddev	.00020	.00004	.00294	.00011	.00010	.00148	.00010	.00057
%RSD	.89547	4.3038	7.3383	3.2628	9.2148	.94475	12.054	7.6227

#1	.02219	.00091	.04335	.00343	.00101	.15589	-.00089	.00712
#2	.02196	.00094	.03781	.00330	.00118	.15866	-.00081	.00724
#3	.02235	.00099	.03889	.00321	.00119	.15636	-.00069	.00817

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	.00953	.00279	.06283	.00097	.02251	.07710	.84222	
Stddev	.00026	.00020	.00041	.00004	.00098	.00287	.00245	
%RSD	2.6945	7.0697	.64563	3.8438	4.3588	3.7215	.29060	

#1	.00926	.00268	.06243	.00101	.02238	.07987	.84504	
#2	.00977	.00267	.06283	.00095	.02161	.07414	.84069	
#3	.00955	.00302	.06324	.00095	.02356	.07727	.84093	

Sample Name: S1 Acquired: 11/12/2018 12:25:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.1	2549.3	49958.	4577.1	4009.0
Stddev	18.5	4.9	234.	42.5	3.1
%RSD	.80691	.19177	.46913	.92854	.07815
#1	2276.4	2546.1	49696.	4540.7	4011.3
#2	2312.2	2554.9	50146.	4623.8	4010.2
#3	2302.6	2546.8	50034.	4566.7	4005.4

Sample Name: S2 Acquired: 11/12/2018 12:29:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06538	.09013	1.0113	.11360	.25130	3.0200	9.0451	1.3856
Stddev	.00038	.00032	.0010	.00067	.00073	.0165	.0083	.0129
%RSD	.57600	.35493	.10137	.59061	.29183	.54789	.09128	.92858

#1	.06527	.08992	1.0102	.11304	.25053	3.0023	9.0355	1.3995
#2	.06507	.08997	1.0115	.11342	.25200	3.0351	9.0502	1.3741
#3	.06580	.09050	1.0122	.11435	.25136	3.0226	9.0494	1.3830

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	1.7982	1.9139	.64729	.40599	.47002	.42990	.50484	.29814
Stddev	.0021	.0230	.00111	.00092	.00120	.00465	.00706	.00387
%RSD	.11841	1.2021	.17121	.22554	.25556	1.0811	1.3981	1.2976

#1	1.7991	1.8896	.64601	.40496	.47117	.42462	.49725	.29416
#2	1.7958	1.9353	.64790	.40632	.47011	.43339	.51121	.30189
#3	1.7997	1.9168	.64795	.40669	.46878	.43167	.50607	.29838

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	.38552	.06218	.29510	.03636	.08333	1.1192	.15997	.72864
Stddev	.00080	.00019	.00162	.00065	.00107	.0015	.00073	.00608
%RSD	.20832	.31174	.54997	1.7935	1.2825	.13755	.45843	.83412

#1	.38460	.06200	.29324	.03572	.08259	1.1175	.15957	.73424
#2	.38585	.06214	.29586	.03702	.08456	1.1204	.15952	.72218
#3	.38610	.06239	.29620	.03633	.08285	1.1199	.16081	.72950

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	1.1670	.11210	.79079	.14451	.28800	1.5564	11.238	
Stddev	.0011	.00024	.00629	.00056	.00432	.0139	.035	
%RSD	.09259	.21475	.79582	.38884	1.5014	.89439	.31385	

#1	1.1672	.11235	.79697	.14403	.28405	1.5404	11.198	
#2	1.1658	.11187	.78439	.14437	.29262	1.5657	11.252	
#3	1.1679	.11208	.79102	.14513	.28732	1.5631	11.264	

Sample Name: S2 Acquired: 11/12/2018 12:29:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.7	2487.2	50091.	4639.0	3845.0
Stddev	6.8	.6	330.	25.3	2.8
%RSD	.29925	.02561	.65799	.54463	.07168
#1	2261.7	2488.0	50460.	4620.4	3843.5
#2	2248.4	2487.0	49826.	4667.8	3843.3
#3	2257.1	2486.8	49987.	4628.8	3848.2

Sample Name: S3 Acquired: 11/12/2018 12:33:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13505	.18292	2.0619	.22794	.51161	6.1172	18.412	2.8290
Stddev	.00078	.00046	.0047	.00064	.00045	.0247	.021	.0260
%RSD	.57387	.25305	.22737	.28130	.08882	.40305	.11367	.91879

#1	.13484	.18241	2.0569	.22799	.51120	6.0923	18.399	2.8446
#2	.13441	.18305	2.0623	.22728	.51153	6.1178	18.436	2.7990
#3	.13592	.18331	2.0663	.22856	.51210	6.1416	18.400	2.8435

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	3.6209	3.8578	1.2863	.82899	.94274	.85791	1.0094	.60292
Stddev	.0062	.0359	.0031	.00147	.00465	.00665	.0136	.00490
%RSD	.17197	.93129	.24038	.17753	.49329	.77501	1.3510	.81221

#1	3.6144	3.8235	1.2873	.82937	.93738	.85240	.99739	.59928
#2	3.6216	3.8548	1.2828	.82737	.94507	.85602	1.0065	.60098
#3	3.6268	3.8951	1.2887	.83024	.94576	.86529	1.0242	.60848

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	.78436	.12825	.59877	.07243	.16765	2.2942	.39781	1.5047
Stddev	.00103	.00072	.00079	.00064	.00255	.0032	.00060	.0180
%RSD	.13150	.55823	.13238	.88668	1.5222	.13718	.15093	1.1942

#1	.78359	.12904	.59866	.07169	.16560	2.2920	.39714	1.5179
#2	.78396	.12763	.59803	.07280	.17050	2.2927	.39829	1.4842
#3	.78553	.12809	.59961	.07280	.16684	2.2978	.39802	1.5119

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3662	.27689	1.6166	.29665	.57660	3.1774	22.686	
Stddev	.0033	.00041	.0182	.00033	.00236	.0047	.124	
%RSD	.13766	.14978	1.1283	.11155	.40899	.14730	.54726	

#1	2.3634	.27667	1.6284	.29627	.57393	3.1726	22.809	
#2	2.3653	.27663	1.5956	.29677	.57749	3.1778	22.689	
#3	2.3698	.27737	1.6259	.29690	.57839	3.1819	22.561	

Sample Name: S3 Acquired: 11/12/2018 12:33:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.6	2359.2	49314.	4487.0	3613.1
Stddev	18.3	3.2	122.	21.8	3.9
%RSD	.83687	.13710	.24686	.48522	.10741
#1	2194.7	2362.6	49323.	4474.5	3616.8
#2	2163.5	2359.0	49188.	4512.2	3609.1
#3	2195.6	2356.1	49431.	4474.4	3613.6

Sample Name: S4 Acquired: 11/12/2018 12:37:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27657	.36402	4.2090	.44784	1.0417	12.407	37.061	5.5933
Stddev	.00043	.00018	.0041	.00072	.0035	.049	.059	.0315
%RSD	.15407	.05012	.09677	.16079	.33720	.39331	.15994	.56361

#1	.27653	.36381	4.2056	.44847	1.0431	12.353	36.994	5.5572
#2	.27616	.36411	4.2079	.44705	1.0378	12.449	37.104	5.6151
#3	.27701	.36414	4.2136	.44799	1.0444	12.418	37.086	5.6077

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	7.2462	7.7320	2.5232	1.6821	1.8826	1.6992	1.9946	1.2320
Stddev	.0116	.0496	.0017	.0027	.0079	.0119	.0158	.0079
%RSD	.16022	.64157	.06670	.15836	.41780	.70134	.79033	.63850

#1	7.2333	7.6844	2.5220	1.6797	1.8737	1.6867	1.9767	1.2229
#2	7.2557	7.7834	2.5224	1.6815	1.8884	1.7104	2.0064	1.2370
#3	7.2497	7.7281	2.5251	1.6850	1.8859	1.7006	2.0006	1.2360

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	1.5817	.26524	1.1983	.14559	.34501	4.6770	.80386	3.0660
Stddev	.0041	.00058	.0048	.00082	.00087	.0262	.00228	.0144
%RSD	.25987	.21932	.40364	.56212	.25196	.56068	.28372	.46915

#1	1.5786	.26537	1.1928	.14475	.34464	4.6599	.80507	3.0500
#2	1.5802	.26574	1.2016	.14564	.34439	4.7072	.80123	3.0779
#3	1.5864	.26460	1.2007	.14639	.34600	4.6638	.80528	3.0702

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	4.8026	.56402	3.1163	.60370	1.1469	6.5049	45.500	
Stddev	.0008	.00134	.0185	.00078	.0043	.0183	.233	
%RSD	.01741	.23819	.59404	.12842	.37554	.28172	.51120	

#1	4.8035	.56553	3.0954	.60291	1.1421	6.4857	45.505	
#2	4.8018	.56360	3.1306	.60374	1.1506	6.5222	45.730	
#3	4.8024	.56294	3.1231	.60446	1.1479	6.5070	45.265	

Sample Name: S4 Acquired: 11/12/2018 12:37:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.5	2201.5	48188.	4409.5	3339.4
Stddev	16.6	.9	317.	29.6	3.0
%RSD	.80142	.03868	.65692	.67132	.08959
#1	2056.5	2200.7	47987.	4410.0	3342.9
#2	2059.5	2202.4	48024.	4379.7	3337.6
#3	2086.6	2201.6	48553.	4438.9	3337.8

Sample Name: S5 Acquired: 11/12/2018 12:40:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.56522	.70335	8.4228	.86556	2.1292	24.882	72.802	10.703
Stddev	.00075	.00213	.0225	.00234	.0043	.117	.266	.091
%RSD	.13302	.30214	.26707	.27024	.20309	.47030	.36567	.85235

#1	.56436	.70094	8.4002	.86482	2.1264	24.972	73.100	10.599
#2	.56557	.70411	8.4231	.86369	2.1271	24.749	72.715	10.743
#3	.56573	.70499	8.4452	.86818	2.1342	24.924	72.590	10.768

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	14.104	15.122	4.8004	3.3558	3.6950	3.2751	3.8307	2.4764
Stddev	.036	.113	.0170	.0070	.0156	.0290	.0428	.0213
%RSD	.25337	.74526	.35513	.20751	.42214	.88468	1.1172	.85923

#1	14.073	15.192	4.7810	3.3492	3.7113	3.2931	3.8533	2.4922
#2	14.096	14.992	4.8132	3.3550	3.6802	3.2417	3.7813	2.4522
#3	14.143	15.183	4.8069	3.3631	3.6936	3.2906	3.8574	2.4849

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1306	.53472	2.3577	.28285	.70547	9.4346	.44041	5.9200
Stddev	.0105	.00171	.0066	.00221	.00970	.0254	.00141	.0530
%RSD	.33641	.31955	.27985	.78295	1.3747	.26921	.32080	.89504

#1	3.1225	.53342	2.3647	.28398	.71494	9.4634	.43890	5.8590
#2	3.1269	.53665	2.3516	.28030	.69556	9.4251	.44062	5.9461
#3	3.1425	.53408	2.3567	.28427	.70592	9.4153	.44171	5.9548

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	9.7128	.31316	5.5901	1.1998	2.2220	13.310	88.194	
Stddev	.0200	.00180	.0511	.0026	.0106	.031	.427	
%RSD	.20632	.57596	.91372	.21320	.47521	.23457	.48385	

#1	9.6976	.31168	5.5313	1.1972	2.2304	13.341	88.686	
#2	9.7053	.31263	5.6159	1.1998	2.2101	13.278	87.980	
#3	9.7355	.31517	5.6231	1.2023	2.2253	13.310	87.917	

Sample Name: S5 Acquired: 11/12/2018 12:40:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.3	1987.5	46785.	4332.0	3036.0
Stddev	17.8	1.8	342.	6.5	.9
%RSD	.92721	.09193	.73011	.14971	.03066
#1	1894.0	1985.5	46436.	4324.5	3036.4
#2	1926.8	1989.1	46800.	4335.6	3036.6
#3	1922.2	1987.9	47118.	4336.0	3034.9

Sample Name: S6 Acquired: 11/12/2018 12:44:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.730	24.700	8.7655	3.9939	6.5703
Stddev	.309	.254	.1278	.0598	.0180
%RSD	.45611	1.0282	1.4579	1.4974	.27369

#1	67.395	24.501	8.6432	3.9393	6.5574
#2	67.792	24.612	8.7553	3.9846	6.5627
#3	68.003	24.986	8.8982	4.0579	6.5909

Int. Std.	Y_3710
Units	Cts/S
Avg	4222.4
Stddev	28.3
%RSD	.67008

#1	4189.7
#2	4238.7
#3	4238.7

Sample Name: ICV Acquired: 11/12/2018 12:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015985	1.073090	.9655535	1.005203	.9453578	2.310850
Stddev	.005583	.001056	.0063778	.006480	.0011368	.012909
%RSD	.5495297	.0984274	.6605345	.6446696	.1202541	.5586329

#1	1.015144	1.071882	.9603096	.997814	.9440562	2.305344
#2	1.010870	1.073838	.9636976	1.007872	.9461561	2.325599
#3	1.021941	1.073551	.9726535	1.009922	.9458611	2.301607

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5056315	.4881552	.5115281	10.13443	.5370178	.5050101
Stddev	.0012077	.0041131	.0021428	.11678	.0018139	.0017967
%RSD	.2388393	.8425860	.4189054	1.152334	.3377784	.3557687

#1	.5046306	.4874464	.5092542	10.09237	.5381226	.5036583
#2	.5069728	.4925766	.5118202	10.26642	.5349243	.5043231
#3	.5052909	.4844425	.5135098	10.04451	.5380064	.5070489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5251736	5.323721	.5062855	5.607913	.5229396	.4671182
Stddev	.0030412	.009095	.0052272	.057284	.0013353	.0033995
%RSD	.5790798	.1708403	1.032460	1.021491	.2553399	.7277686

#1	.5226727	5.314499	.5002507	5.583478	.5220769	.4675370
#2	.5285589	5.323981	.5094007	5.566899	.5244777	.4635287
#3	.5242891	5.332683	.5092051	5.673363	.5222644	.4702889

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.887390	.5268825	.9851269	9.441979	F 1.081592	F 2.406277
Stddev	.205881	.0009890	.0359650	.051982	.006639	.011943
%RSD	2.082259	.1877052	3.650799	.5505453	.6137843	.4963084

#1	9.701283	.5260098	.9436010	9.494211	1.074868	2.405281
#2	10.10855	.5266810	1.006318	9.441477	1.081767	2.418686
#3	9.85234	.5279567	1.005462	9.390250	1.088141	2.394863

Sample Name: ICV Acquired: 11/12/2018 12:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.351516	F 1.029819	2.321150	F 2.453271	2.550415	2.455770
Stddev	.003381	.003567	.017192	.003817	.015010	.005175
%RSD	.1437946	.3464138	.7406883	.1555975	.5885299	.2107110

#1	2.349064	1.026745	2.321998	2.449424	2.533205	2.451364
#2	2.350111	1.033731	2.337902	2.453330	2.557245	2.461468
#3	2.355374	1.028980	2.303549	2.457058	2.560796	2.454478

Elem	Sr4077
Units	ppm
Avg	2.264278
Stddev	.009077
%RSD	.4008920

#1	2.272101
#2	2.266407
#3	2.254325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.792	2518.053	50023.63	4579.883	3836.133
Stddev	8.898	.827	162.41	50.631	5.660
%RSD	.3899635	.0328238	.3246586	1.105513	.1475536

#1	2278.293	2517.731	49840.56	4568.066	3842.628
#2	2275.175	2517.436	50079.95	4536.206	3832.256
#3	2291.907	2518.992	50150.37	4635.378	3833.515

Sample Name: ICB Acquired: 11/12/2018 12:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002767	-.001019	.0007632	-.000864	.0017806	.0099704	.0000945
Stddev	.0024271	.001109	.0010411	.002838	.0004714	.0118049	.0010117
%RSD	877.2420	108.8519	136.4036	328.3333	26.47185	118.3995	1069.988

#1	-.002487	.000261	.0016488	.001767	.0014359	-.002885	-.001029
#2	.002062	-.001614	-.000384	-.003872	.0023178	.020324	.000381
#3	.001255	-.001703	.001025	-.000488	.0015882	.012472	.000932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0000023	.0075410	-.000027	.0001650	.0008600	.0032085
Stddev	.000075	.0000532	.0089217	.000382	.0001351	.0036467	.0373741
%RSD	368.6048	2329.607	118.3093	1392.958	81.85659	424.0501	1164.840

#1	-.000070	-.000056	.0167775	-.000047	.0001589	.0042618	-.004781
#2	-.000058	.000014	-.001028	.000364	.0000331	.0013083	-.029525
#3	.000066	.000049	.006874	-.000399	.0003030	-.002990	.043931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004020	-.014483	-.000057	.0002889	-.137653	-.000995	.0075404
Stddev	.0010055	.041718	.000291	.0003884	.035143	.004985	.0046381
%RSD	250.1461	288.0394	512.8132	134.4483	25.53000	500.8371	61.50961

#1	-.000498	-.001264	.000200	.0005529	-.163418	-.005477	.0021861
#2	.001487	-.061209	-.000373	-.000157	-.151920	-.001884	.0103180
#3	.000216	.019023	.000003	.000471	-.097620	.004374	.0101170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217285	.0002556	.0068260	-.000046	-.000500	-.001199	.0002354
Stddev	.0040251	.0002526	.0007870	.000247	.001719	.000544	.0003417
%RSD	3.306591	98.83390	11.52953	536.2845	343.3930	45.39338	145.1712

#1	.1211666	.0003532	.0064079	.000230	-.000032	-.001293	.0000246
#2	.1260049	.0004448	.0063363	-.000122	.000935	-.000614	.0006297
#3	.1180138	-.000031	.0077338	-.000246	-.002405	-.001690	.0000519

Sample Name: ICB Acquired: 11/12/2018 12:58:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001226	.0035185	-.000013
Stddev	.001445	.0002879	.000078
%RSD	117.8694	8.181348	607.0095

#1	-.000547	.0032939	-.000065
#2	-.002885	.0038430	.000077
#3	-.000245	.0034185	-.000050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.759	2469.021	48312.48	4487.940	3723.884
Stddev	11.550	.987	103.21	39.266	8.059
%RSD	.5267363	.0399898	.2136391	.8749255	.2164238

#1	2180.098	2468.118	48421.31	4508.730	3722.248
#2	2195.459	2468.869	48215.99	4512.440	3716.768
#3	2202.720	2470.075	48300.13	4442.650	3732.636

Sample Name: ICSA Acquired: 11/12/2018 13:02:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008742	.0037751	-.005187	-.013859	.0045191	234.8203	.0059556
Stddev	.003252	.0024231	.000607	.004085	.0009831	1.0118	.0008119
%RSD	37.19676	64.18689	11.71021	29.47321	21.75484	.4308652	13.63215

#1	-.005029	.0011653	-.005863	-.012077	.0050215	235.7251	.0061109
#2	-.011080	.0059536	-.004688	-.010967	.0051495	233.7279	.0050773
#3	-.010116	.0042063	-.005011	-.018532	.0033863	235.0079	.0066786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007553	.0001231	248.7022	.0509210	.0019894	.0006332	101.7397
Stddev	.0000063	.0001213	2.2569	.0010107	.0007239	.0017230	.9556
%RSD	.8329582	98.54012	.9074780	1.984809	36.38749	272.0982	.9392469

#1	.0007598	.0002039	250.6143	.0500724	.0021177	-.000382	102.6780
#2	.0007481	-.000016	246.2126	.0506514	.0012099	.002623	100.7678
#3	.0007580	.000182	249.2796	.0520391	.0026406	-.000341	101.7734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126528	248.0200	-.000327	.0003510	.0813351	-.002203	-.005133
Stddev	.0005186	2.3749	.000425	.0004093	.2054954	.002448	.014362
%RSD	4.098399	.9575398	129.9686	116.5968	252.6528	111.1117	279.8013

#1	.0120867	250.4971	-.000106	.0006982	.2962400	-.005024	.007555
#2	.0127669	245.7626	-.000818	-.000100	-.113240	-.000934	-.002229
#3	.0131048	247.8002	-.000058	.000455	.061005	-.000651	-.020724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052564	-.011732	.0090070	.0011643	.0026913	-.002725	-.003965
Stddev	.013266	.001635	.0050041	.0001678	.0017425	.002169	.000790
%RSD	25.23741	13.93764	55.55761	14.41128	64.74392	79.59424	19.91359

#1	-.066894	-.012124	.0144835	.0010679	.0043933	-.002633	-.004371
#2	-.040712	-.009936	.0046729	.0010669	.0027696	-.000603	-.003055
#3	-.050086	-.013135	.0078646	.0013580	.0009111	-.004939	-.004469

Sample Name: ICSA Acquired: 11/12/2018 13:02:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003834	.0139597	.1000903
Stddev	.001886	.0013966	.0003878
%RSD	49.19896	10.00474	.3874486

#1	-.003633	.0148264	.0996889
#2	-.002057	.0147041	.1004630
#3	-.005813	.0123485	.1001190

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.408	2316.880	47344.10	4403.324	3319.996
Stddev	4.207	4.851	150.88	23.338	5.455
%RSD	.1978415	.2093969	.3186799	.5300038	.1643022

#1	2126.074	2312.330	47506.49	4400.319	3316.299
#2	2122.378	2321.985	47208.27	4428.019	3326.261
#3	2130.771	2316.325	47317.53	4381.635	3317.429

Sample Name: ICSAB Acquired: 11/12/2018 13:07:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053098	.1118284	.0478269	.0324425	.5890891	231.9337
Stddev	.0023431	.0016158	.0017172	.0038701	.0025268	.6497
%RSD	2.224915	1.444918	3.590535	11.92916	.4289272	.2801099

#1	.1055067	.1114386	.0497553	.0352682	.5880307	232.3665
#2	.1028745	.1104432	.0472623	.0340278	.5872637	232.2480
#3	.1075482	.1136035	.0464630	.0280314	.5919730	231.1867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5185351	.4963853	1.031700	244.9326	.5819266	.5172552
Stddev	.0020088	.0019725	.002631	1.3512	.0022822	.0012760
%RSD	.3874014	.3973628	.2550049	.5516732	.3921746	.2466798

#1	.5201827	.4943220	1.029694	245.2452	.5834758	.5157943
#2	.5191252	.4965815	1.030726	246.1001	.5793058	.5181508
#3	.5162973	.4982523	1.034678	243.4525	.5829981	.5178206

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130501	100.2102	.5142869	245.0322	1.041426	.2001238
Stddev	.0085364	.4631	.0106625	.9302	.001378	.0013133
%RSD	1.663857	.4621627	2.073252	.3796170	.1323560	.6562315

#1	.5075726	100.2567	.5226182	245.8610	1.039843	.2001257
#2	.5228858	100.6483	.5179719	245.2095	1.042075	.1988096
#3	.5086917	99.7256	.5022708	244.0262	1.042361	.2014361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3444184	.5101332	1.014413	-.199574	.0012164	F .0112989
Stddev	.3478678	.0115599	.027961	.049199	.0001388	.0011765
%RSD	101.0015	2.266065	2.756366	24.65179	11.41389	10.41255

#1	-.036810	.5234766	.991971	-.201045	.0011064	.0119349
#2	.425438	.5031515	1.005532	-.149657	.0013724	.0120204
#3	.644627	.5037714	1.045736	-.248021	.0011703	.0099413

Sample Name: ICSAB Acquired: 11/12/2018 13:07:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014493	.0047424	-.001542	-.006255	-.004044	.0072187
Stddev	.0000846	.0016483	.001035	.001096	.000448	.0011698
%RSD	5.836576	34.75722	67.11781	17.51770	11.09075	16.20546

#1	.0014747	.0060215	-.002682	-.007301	-.004509	.0085045
#2	.0013549	.0053235	-.000661	-.005115	-.003615	.0069344
#3	.0015182	.0028822	-.001283	-.006348	-.004007	.0062172

Elem	Sr4077
Units	ppm
Avg	.0995361
Stddev	.0005089
%RSD	.5112702

#1	.0989690
#2	.0996863
#3	.0999530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.674	2323.022	47473.77	4420.674	3345.175
Stddev	22.354	5.725	318.03	27.779	8.985
%RSD	1.050615	.2464321	.6699071	.6283847	.2686069

#1	2119.554	2323.418	47133.17	4412.839	3350.997
#2	2110.515	2328.539	47525.17	4397.655	3349.702
#3	2152.952	2317.110	47762.97	4451.529	3334.827

Sample Name: CCV092 Acquired: 11/12/2018 13:11:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999699	5.183154	26.13943	4.789044	5.003732	411.8797
Stddev	.002231	.004921	.04198	.015319	.004864	2.4751
%RSD	.0446204	.0949376	.1606040	.3198671	.0972094	.6009215

#1	4.997534	5.188835	26.10922	4.793595	5.008955	409.0367
#2	5.001990	5.180227	26.12171	4.771966	5.002911	413.5544
#3	4.999574	5.180400	26.18737	4.801571	4.999331	413.0479

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34749	.5091222	2.599080	412.5390	15.63654	2.656534
Stddev	.02088	.0004523	.005245	4.3830	.05579	.004047
%RSD	.2018193	.0888449	.2018009	1.062444	.3567880	.1523442

#1	10.33584	.5089038	2.596677	407.4809	15.59604	2.654768
#2	10.37160	.5096422	2.595468	414.9177	15.61341	2.653671
#3	10.33504	.5088205	2.605096	415.2182	15.70018	2.661164

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51784	414.2425	15.04589	410.9715	2.654736	1.294905
Stddev	.04846	4.1699	.20846	3.7393	.003257	.005613
%RSD	.3123038	1.006643	1.385515	.9098695	.1226925	.4334772

#1	15.48499	409.4401	14.80526	406.6569	2.657912	1.292730
#2	15.57350	416.3427	15.17171	413.2729	2.654894	1.290705
#3	15.49503	416.9448	15.16069	412.9847	2.651403	1.301280

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.6896	2.533350	15.27703	159.1554	F 2.656174	5.067131
Stddev	3.5491	.012434	.00667	.7952	.002403	.005084
%RSD	.8726686	.4908064	.0436749	.4996062	.0904631	.1003234

#1	402.5924	2.520518	15.27013	158.2389	2.654503	5.063669
#2	408.8091	2.534189	15.27749	159.5650	2.655090	5.072968
#3	408.6674	2.545344	15.28345	159.6622	2.658927	5.064758

Sample Name: CCV092 Acquired: 11/12/2018 13:11:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945680	F 2.429784	4.873045	5.273668	5.071122	5.267253
Stddev	.005850	.004537	.003495	.008603	.031975	.023721
%RSD	.1182880	.1867189	.0717220	.1631257	.6305307	.4503397

#1	4.947911	2.432186	4.876787	5.274087	5.035593	5.240164
#2	4.939043	2.424552	4.872484	5.264863	5.097585	5.284302
#3	4.950087	2.432615	4.869865	5.282053	5.080187	5.277295

Elem	Sr4077
Units	ppm
Avg	5.193890
Stddev	.023090
%RSD	.4445556

#1	5.185296
#2	5.220045
#3	5.176330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.595	2082.509	46126.79	4283.333	2970.556
Stddev	12.709	3.158	105.70	19.518	3.238
%RSD	.6505214	.1516509	.2291523	.4556827	.1089870

#1	1947.923	2078.954	46238.79	4299.441	2966.977
#2	1944.711	2084.991	46112.80	4261.627	2971.412
#3	1968.152	2083.583	46028.78	4288.931	2973.280

Sample Name: CCB092 Acquired: 11/12/2018 13:14:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016511	-.000853	.0013693	-.000786	.0017375	-.003404	.0002219
Stddev	.0062157	.001722	.0008312	.000805	.0017754	.005174	.0005757
%RSD	376.4562	201.8566	60.70308	102.3191	102.1810	151.9796	259.4501

#1	-.003239	.001118	.0015300	.000067	.0029085	-.009302	.0008628
#2	-.000454	-.002069	.0004695	-.000896	-.000305	.000370	-.000251
#3	.008646	-.001608	.0021084	-.001531	.002609	-.001281	.000054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000494	.0041932	.0000983	.0001021	.0008848	.0070005
Stddev	.000057	.0001316	.0209145	.0005243	.0000997	.0068174	.0353524
%RSD	530.5214	266.4409	498.7748	533.5268	97.59603	770.4703	504.9974

#1	-.000076	-.000081	-.007316	.0006263	.0000487	.0080108	.0277418
#2	.000021	.000046	.028334	-.000422	.0002171	-.005575	.0270789
#3	.000023	.000183	-.008439	.000091	.0000406	.000219	-.033819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000754	-.009518	-.000244	.0002608	-.103124	-.002478	.0012879
Stddev	.001753	.067990	.000045	.0001649	.220645	.002838	.0131091
%RSD	232.3830	714.3342	18.32603	63.21535	213.9598	114.5274	1017.868

#1	-.000059	-.083180	-.000217	.0002422	.054889	-.001094	-.008321
#2	.000544	.050829	-.000296	.0004342	-.355214	-.000598	-.004037
#3	-.002749	.003798	-.000219	.0001060	-.009047	-.005742	.016222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1796483	-.001033	.0114949	.0000488	-.000025	-.001160	.0000544
Stddev	.0235852	.000848	.0001817	.0003326	.000392	.000727	.0007201
%RSD	13.12857	82.12552	1.580610	681.8876	1569.315	62.71302	1323.508

#1	.1920174	-.000054	.0113592	-.000185	.000310	-.000462	-.000672
#2	.1524514	-.001558	.0117013	.000430	-.000456	-.001104	.000067
#3	.1944760	-.001487	.0114243	-.000099	.000070	-.001914	.000768

Sample Name: CCB092 Acquired: 11/12/2018 13:14:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012829	.0033335	-.000073
Stddev	.0013598	.0013886	.000049
%RSD	106.0009	41.65465	67.39702

#1	.0025241	.0036964	-.000126
#2	-.000171	.0045046	-.000064
#3	.001495	.0017996	-.000029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.908	2469.476	48351.36	4450.487	3698.566
Stddev	5.011	5.568	159.46	20.492	3.047
%RSD	.2276952	.2254537	.3298028	.4604333	.0823878

#1	2195.376	2463.067	48171.04	4429.610	3695.803
#2	2205.145	2473.114	48473.80	4451.280	3701.834
#3	2202.204	2472.248	48409.23	4470.570	3698.059

Sample Name: PBF011 Acquired: 11/12/2018 13:18:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002509	.0001751	.0011637	-.000914	.0014219	-.006056	.0001165
Stddev	.001710	.0013012	.0009198	.002487	.0000587	.008539	.0010138
%RSD	68.16588	743.1663	79.03517	272.0531	4.127007	141.0001	870.6491

#1	-.000608	.0009117	.0001138	-.002908	.0014897	-.006124	-.001010
#2	-.003923	-.001327	.0015505	.001872	.0013865	-.014561	.000405
#3	-.002998	.000941	.0018269	-.001706	.0013897	.002517	.000955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000989	.0163560	.0000911	-.000159	.0035138	.0004181
Stddev	.000044	.0000301	.0181211	.0004563	.000126	.0041324	.0135911
%RSD	2209.615	30.39540	110.7920	501.1751	79.53742	117.6047	3250.898

#1	-.000052	.0000884	-.003083	.0003405	-.000114	.0007416	-.011994
#2	.000020	.0000755	.019370	.0003683	-.000061	.0015364	-.001693
#3	.000026	.0001328	.032781	-.000436	-.000301	.0082633	.014941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006277	.0191188	-.000069	.0003232	.0775518	.0001734	-.007377
Stddev	.0012714	.0068340	.000710	.0005587	.1456658	.0021532	.010012
%RSD	202.5506	35.74507	1032.054	172.8430	187.8303	1241.742	135.7217

#1	.0016019	.0118319	.000508	.0001829	-.002054	-.002079	.002856
#2	.0010918	.0253852	-.000861	.0009387	-.010964	.000389	-.017152
#3	-.000811	.0201392	.000147	-.000152	.245674	.002211	-.007833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750575	-.000580	.0047198	-.000087	.0007688	-.001838	-.001108
Stddev	.0587297	.000899	.0008225	.000050	.0004488	.000774	.000164
%RSD	78.24629	154.9538	17.42754	57.09019	58.37403	42.12352	14.83090

#1	.0122341	.000232	.0040753	-.000145	.0002624	-.001592	-.001119
#2	.0843539	-.000426	.0056462	-.000066	.0011171	-.002705	-.000939
#3	.1285847	-.001546	.0044377	-.000052	.0009271	-.001217	-.001267

Sample Name: PBF011 Acquired: 11/12/2018 13:18:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005657	-.001132	-.000099
Stddev	.0003346	.001852	.000060
%RSD	59.15225	163.5809	61.11740

#1	.0002545	-.003253	-.000102
#2	.0009196	-.000307	-.000037
#3	.0005230	.000164	-.000157

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.637	2471.666	48535.92	4461.407	3715.313
Stddev	17.874	3.089	207.39	23.192	11.373
%RSD	.8034372	.1249731	.4272869	.5198342	.3061002

#1	2234.746	2470.652	48607.15	4455.370	3703.155
#2	2235.165	2469.212	48698.30	4441.830	3717.095
#3	2204.000	2475.135	48302.30	4487.020	3725.690

Sample Name: PB114716BL Acquired: 11/12/2018 15:26:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS716 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003528	-.000357	-.000009	-.001813	.0002295	.0007341	-.001542
Stddev	.003224	.002286	.000881	.000684	.0006508	.0077288	.000824
%RSD	91.38224	640.7780	9619.698	37.73733	283.5538	1052.777	53.45181

#1	-.007236	-.001857	-.000933	-.001898	-.000065	-.008082	-.002112
#2	-.001960	.002275	.000083	-.002450	-.000222	.003943	-.000597
#3	-.001388	-.001489	.000822	-.001090	.000976	.006341	-.001917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000076	.0000500	-.005478	.0002161	.0001966	.0023698	.0160178
Stddev	.0000331	.0000319	.025969	.0003239	.0001368	.0032751	.0105240
%RSD	437.7583	63.79691	474.0887	149.9198	69.61578	138.2008	65.70178

#1	-.000013	.0000479	.024090	.0005525	.0002102	.0002552	.0250249
#2	-.000010	.0000828	-.024584	.0001895	.0000534	.0007118	.0044497
#3	.000046	.0000192	-.015939	-.000094	.0003260	.0061424	.0185788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016595	.0105439	-.000350	.0004251	-.062712	.0015940	-.002825
Stddev	.0003049	.0841311	.000206	.0002507	.196619	.0051855	.008477
%RSD	18.37352	797.9158	58.96891	58.98330	313.5271	325.3202	300.0798

#1	.0019368	-.036298	-.000583	.0002360	.106773	.0075388	-.000072
#2	.0013330	.107670	-.000278	.0003297	-.016630	-.000759	-.012336
#3	.0017087	-.039740	-.000189	.0007095	-.278279	-.001998	.003934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692084	-.001150	-.004341	.0000511	.0007019	.0027767	-.002582
Stddev	.0636601	.000875	.000445	.0003368	.0008099	.0015169	.000467
%RSD	91.98322	76.10708	10.25115	658.7009	115.3930	54.63056	18.08633

#1	-.002985	-.000499	-.004460	-.000072	-.000233	.0012952	-.003065
#2	.093318	-.000806	-.004715	-.000207	.001168	.0043268	-.002547
#3	.117292	-.002146	-.003849	.000432	.001171	.0027081	-.002134

Sample Name: PB114716BL Acquired: 11/12/2018 15:26:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS716 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000240	-.010481	-.000126
Stddev	.003076	.000312	.000106
%RSD	1282.343	2.980465	83.89297

#1	-.002687	-.010234	-.000006
#2	.003213	-.010376	-.000204
#3	-.001245	-.010832	-.000169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.842	2458.284	48070.74	4470.670	3705.363
Stddev	1.274	6.314	163.20	8.235	9.737
%RSD	.0581062	.2568317	.3394961	.1841902	.2627705

#1	2190.792	2461.017	48039.48	4477.170	3711.284
#2	2193.259	2462.771	47925.43	4473.430	3710.680
#3	2191.476	2451.064	48247.31	4461.410	3694.126

Sample Name: AIR MDL#1 Acquired: 11/12/2018 13:27:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042297	.0100616	.0043827	.0033112	.0147258	.0221204	.0247748
Stddev	.0036055	.0023373	.0001339	.0023805	.0019968	.0155030	.0003146
%RSD	85.24419	23.23020	3.054937	71.89306	13.56008	70.08480	1.270061

#1	.0060071	.0126383	.0045055	.0033176	.0168625	.0130619	.0244411
#2	.0066014	.0080779	.0042400	.0056885	.0144078	.0132779	.0250662
#3	.0000805	.0094686	.0044026	.0009275	.0129070	.0400213	.0248170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013591	.0014465	.4923836	.0021469	.0080774	.0041036	.0367237
Stddev	.0000361	.0000187	.0287617	.0001664	.0004016	.0008488	.0342054
%RSD	2.655554	1.296576	5.841322	7.749854	4.972294	20.68507	93.14265

#1	.0013873	.0014349	.4671350	.0020640	.0076137	.0038554	.0746663
#2	.0013184	.0014681	.4863232	.0020382	.0083002	.0050489	.0272542
#3	.0013716	.0014365	.5236926	.0023384	.0083183	.0034066	.0082507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050632	.4981588	.0104187	.0024272	.2834244	.0120850	.0092585
Stddev	.0002876	.0825569	.0000196	.0004674	.1259933	.0061523	.0100839
%RSD	5.680597	16.57240	.1879178	19.25630	44.45392	50.90841	108.9150

#1	.0047378	.4404398	.0103961	.0028617	.1773649	.0173586	.0135648
#2	.0051683	.4613143	.0104313	.0024871	.4226970	.0135703	.0164742
#3	.0052835	.5927224	.0104286	.0019327	.2502113	.0053260	-.002264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4762780	.0015506	.0241695	.0448167	.0025745	.1236665	.0077881
Stddev	.0404459	.0009251	.0009323	.0004671	.0016322	.0002339	.0003376
%RSD	8.492074	59.65866	3.857295	1.042286	63.39669	.1891582	4.335470

#1	.4370267	.0026167	.0232611	.0442807	.0041589	.1238223	.0081519
#2	.4739864	.0010758	.0251240	.0450322	.0026662	.1233975	.0077279
#3	.5178210	.0009594	.0241233	.0451370	.0008985	.1237798	.0074847

Sample Name: AIR MDL#1 Acquired: 11/12/2018 13:27:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0094935	-.002143	.0046736
Stddev	.0021871	.001069	.0000951
%RSD	23.03746	49.85382	2.035190

#1	.0092553	-.002124	.0047798
#2	.0074353	-.003222	.0045963
#3	.0117899	-.001085	.0046446

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.482	2465.347	48419.92	4447.780	3707.174
Stddev	18.812	2.820	192.29	43.699	6.194
%RSD	.8541177	.1143989	.3971364	.9824990	.1670812

#1	2183.027	2463.005	48261.47	4397.550	3706.380
#2	2220.577	2468.478	48633.85	4477.060	3713.727
#3	2203.842	2464.557	48364.42	4468.730	3701.416

Sample Name: AIR MDL#2 Acquired: 11/12/2018 13:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058138	.0062732	.0026408	.0058902	.0102229	.0126014	.0171861
Stddev	.0039285	.0022638	.0014961	.0015577	.0008081	.0061064	.0007495
%RSD	67.57207	36.08667	56.65297	26.44574	7.904516	48.45797	4.361375

#1	.0052177	.0088434	.0033420	.0076673	.0093057	.0063134	.0175181
#2	.0022174	.0045752	.0036576	.0052418	.0108298	.0185083	.0177123
#3	.0100063	.0054011	.0009229	.0047614	.0105333	.0129825	.0163279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010399	.0011313	.3602281	.0015643	.0061315	.0042787	.0259798
Stddev	.0000566	.0000541	.0165314	.0001942	.0001283	.0005129	.0016652
%RSD	5.441093	4.779575	4.589140	12.41228	2.091742	11.98685	6.409729

#1	.0010843	.0010974	.3671716	.0017559	.0060944	.0043777	.0278937
#2	.0010593	.0011029	.3413574	.0015695	.0062742	.0047348	.0248627
#3	.0009762	.0011937	.3721552	.0013676	.0060259	.0037235	.0251829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036662	.3892894	.0079608	.0018075	.3237052	.0084807	.0102256
Stddev	.0010897	.0631577	.0002667	.0001177	.2209823	.0051102	.0155210
%RSD	29.72302	16.22384	3.349577	6.509065	68.26654	60.25697	151.7860

#1	.0025438	.4606347	.0079857	.0017629	.5015648	.0131725	-.005468
#2	.0037350	.3405295	.0082142	.0019409	.3932294	.0092338	.025568
#3	.0047199	.3667040	.0076826	.0017187	.0763214	.0030357	.010577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4138794	.0004064	.0175954	.0334195	.0010011	.0926669	.0060225
Stddev	.0327549	.0004198	.0005622	.0005611	.0019463	.0012030	.0015142
%RSD	7.914119	103.3086	3.195170	1.678803	194.4085	1.298172	25.14220

#1	.4117556	.0004871	.0170990	.0329124	.0031391	.0940229	.0046084
#2	.3822381	-.000048	.0174814	.0333239	.0005320	.0922500	.0058390
#3	.4476446	.000780	.0182059	.0340222	-.000668	.0917278	.0076200

Sample Name: AIR MDL#2 Acquired: 11/12/2018 13:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0067153	-.002320	.0034371
Stddev	.0006314	.002173	.0000362
%RSD	9.403071	93.65152	1.054295

#1	.0063283	-.004007	.0034768
#2	.0074440	.000132	.0034287
#3	.0063737	-.003086	.0034058

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.477	2469.680	48485.94	4487.320	3699.301
Stddev	5.659	2.156	181.23	24.058	5.317
%RSD	.2542749	.0872887	.3737693	.5361400	.1437176

#1	2226.106	2472.160	48339.92	4460.250	3704.371
#2	2230.794	2468.626	48688.76	4495.450	3699.762
#3	2219.529	2468.254	48429.13	4506.260	3693.768

Sample Name: AIR MDL#3 Acquired: 11/12/2018 13:35:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042249	.0105710	.0020964	.0048967	.0127277	.0368844	.0248691
Stddev	.0045094	.0008745	.0014830	.0014115	.0015171	.0095425	.0010679
%RSD	106.7342	8.272745	70.74186	28.82528	11.91930	25.87146	4.293993

#1	.0037717	.0115714	.0037139	.0043867	.0110336	.0332131	.0259665
#2	.0089437	.0101891	.0017744	.0038111	.0131888	.0297227	.0248072
#3	-.000041	.0099522	.0008008	.0064923	.0139607	.0477173	.0238335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013892	.0016043	.5129687	.0025887	.0080776	.0046267	.0189750
Stddev	.0000504	.0000306	.0206816	.0002917	.0003670	.0040642	.0178592
%RSD	3.631165	1.907244	4.031745	11.26642	4.543259	87.84202	94.11931

#1	.0013501	.0016062	.4991192	.0026075	.0076704	.0073095	.0346913
#2	.0013713	.0016338	.5367419	.0022881	.0081797	-.000049	-.000446
#3	.0014461	.0015727	.5030450	.0028705	.0083828	.006620	.022680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067736	.4915795	.0107776	.0023910	.4475453	.0060649	.0297644
Stddev	.0019847	.0543090	.0002408	.0001575	.1145294	.0023453	.0167794
%RSD	29.30100	11.04786	2.234315	6.588484	25.59058	38.67035	56.37399

#1	.0074114	.5006450	.0106104	.0023723	.3816331	.0071616	.0111189
#2	.0045484	.4333082	.0110536	.0025570	.3812104	.0033721	.0345260
#3	.0083611	.5407853	.0106687	.0022436	.5797922	.0076608	.0436484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913111	.0018375	.0227799	.0452949	.0004043	.1245722	.0086264
Stddev	.0442591	.0006067	.0007809	.0002256	.0015555	.0031262	.0001511
%RSD	9.008369	33.01782	3.428103	.4979691	384.6826	2.509534	1.751532

#1	.5414862	.0011432	.0232294	.0451710	.0013790	.1280983	.0085682
#2	.4578145	.0022652	.0232321	.0455552	-.001389	.1221400	.0085130
#3	.4746326	.0021042	.0218781	.0451584	.001224	.1234781	.0087979

Sample Name: AIR MDL#3 Acquired: 11/12/2018 13:35:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0104067	-.003370	.0045900
Stddev	.0034916	.000743	.0001101
%RSD	33.55190	22.03942	2.399055

#1	.0064144	-.002544	.0045515
#2	.0119151	-.003585	.0045043
#3	.0128905	-.003982	.0047142

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.433	2459.810	48259.17	4471.107	3679.523
Stddev	7.848	2.859	109.84	18.688	1.672
%RSD	.3544120	.1162470	.2275968	.4179647	.0454337

#1	2208.383	2457.655	48132.34	4458.700	3677.671
#2	2211.615	2463.054	48323.23	4462.020	3680.922
#3	2223.302	2458.721	48321.93	4492.600	3679.975

Sample Name: AIR MDL#4 Acquired: 11/12/2018 13:39:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079676	.0097342	.0034431	.0047457	.0130541	.0320037	.0244117
Stddev	.0038700	.0003485	.0013114	.0019705	.0005023	.0087298	.0011663
%RSD	48.57180	3.580000	38.08667	41.52140	3.847983	27.27752	4.777614

#1	.0110232	.0093333	.0022389	.0069501	.0131588	.0419500	.0256812
#2	.0036159	.0099643	.0032500	.0031551	.0125077	.0284492	.0241662
#3	.0092635	.0099051	.0048402	.0041320	.0134958	.0256119	.0233877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013760	.0015881	.4989960	.0024847	.0080777	.0110407	.0172641
Stddev	.0000333	.0001031	.0049891	.0002697	.0000969	.0041512	.0034307
%RSD	2.418362	6.493726	.9998190	10.85607	1.200198	37.59948	19.87198

#1	.0013381	.0015659	.4932673	.0027490	.0080711	.0086129	.0148526
#2	.0014007	.0014979	.5023869	.0024953	.0079842	.0086751	.0157481
#3	.0013891	.0017005	.5013339	.0022098	.0081777	.0158339	.0211917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076067	.4242063	.0107118	.0025011	.5688936	.0103251	.0235785
Stddev	.0013409	.0747954	.0002084	.0002116	.3353890	.0042854	.0078848
%RSD	17.62801	17.63185	1.945346	8.459674	58.95461	41.50444	33.44055

#1	.0060684	.4145870	.0109115	.0024206	.3197459	.0152021	.0322715
#2	.0085286	.5033460	.0104957	.0027411	.9502356	.0071616	.0168882
#3	.0082230	.3546860	.0107281	.0023416	.4366993	.0086117	.0215759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4794421	.0023707	.0225160	.0459502	.0022978	.1264736	.0081646
Stddev	.0564796	.0003249	.0003950	.0007514	.0013874	.0017547	.0003868
%RSD	11.78027	13.70383	1.754460	1.635346	60.37720	1.387403	4.736863

#1	.4142432	.0025333	.0221922	.0453881	.0011075	.1245098	.0082484
#2	.5133729	.0025821	.0223998	.0456587	.0019644	.1270238	.0077428
#3	.5107101	.0019966	.0229561	.0468037	.0038215	.1278873	.0085026

Sample Name: AIR MDL#4 Acquired: 11/12/2018 13:39:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103112	-.005415	.0046599
Stddev	.0003868	.001760	.0001582
%RSD	3.751105	32.49429	3.394863

#1	.0099294	-.006245	.0047158
#2	.0107028	-.003394	.0044813
#3	.0103015	-.006606	.0047825

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.615	2450.118	48628.19	4492.587	3683.562
Stddev	13.686	22.560	127.74	16.551	39.001
%RSD	.6171557	.9207866	.2626952	.3684040	1.058773

#1	2206.467	2460.955	48547.58	4485.570	3705.255
#2	2213.489	2465.216	48561.52	4480.700	3706.894
#3	2232.890	2424.184	48775.48	4511.490	3638.538

Sample Name: AIR MDL#5 Acquired: 11/12/2018 13:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050701	.0094562	.0028784	.0031397	.0141526	.0347595	.0252599
Stddev	.0000656	.0008332	.0014513	.0016035	.0010252	.0048173	.0004621
%RSD	1.294127	8.810983	50.42170	51.07023	7.244168	13.85907	1.829483

#1	.0050271	.0087268	.0013932	.0048962	.0145268	.0341573	.0257788
#2	.0050376	.0103642	.0042934	.0027685	.0129928	.0302716	.0251080
#3	.0051456	.0092775	.0029487	.0017544	.0149382	.0398497	.0248928

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013624	.0015459	.5262773	.0025300	.0081349	.0073057	.0421750
Stddev	.0000609	.0000852	.0120926	.0005648	.0003183	.0046717	.0081148
%RSD	4.472706	5.509242	2.297768	22.32634	3.912194	63.94559	19.24082

#1	.0014150	.0014891	.5214443	.0028967	.0079408	.0126993	.0509479
#2	.0012956	.0016438	.5173486	.0028138	.0079616	.0046893	.0406396
#3	.0013765	.0015047	.5400390	.0018795	.0085022	.0045285	.0349377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047895	.4441209	.0107271	.0026424	.4807432	.0138275	.0103616
Stddev	.0009430	.0171181	.0001660	.0004643	.1239087	.0025130	.0157738
%RSD	19.68846	3.854376	1.547328	17.56965	25.77439	18.17371	152.2323

#1	.0037386	.4362456	.0106915	.0026597	.4376968	.0110805	.0045452
#2	.0050679	.4323578	.0109080	.0021697	.3840987	.0143913	.0282177
#3	.0055619	.4637593	.0105817	.0030978	.6204342	.0160107	-.001678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913870	.0023048	.0228744	.0453651	.0021870	.1275917	.0077436
Stddev	.0403725	.0012005	.0002833	.0000406	.0012330	.0010932	.0005966
%RSD	8.216027	52.08493	1.238422	.0896163	56.38096	.8567746	7.704320

#1	.5187974	.0024029	.0225528	.0453542	.0030959	.1272143	.0084075
#2	.4450254	.0034532	.0230871	.0454100	.0026815	.1288235	.0075706
#3	.5103381	.0010583	.0229832	.0453309	.0007834	.1267372	.0072526

Sample Name: AIR MDL#5 Acquired: 11/12/2018 13:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0094869	-.003316	.0046855
Stddev	.0021627	.002305	.0001298
%RSD	22.79685	69.50931	2.770711

#1	.0117624	-.001792	.0046302
#2	.0074581	-.002188	.0048338
#3	.0092403	-.005968	.0045924

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.753	2462.735	48379.31	4453.777	3698.040
Stddev	15.741	1.207	295.41	23.859	5.181
%RSD	.7123626	.0490109	.6106148	.5357117	.1400949

#1	2217.863	2461.992	48414.31	4464.630	3696.796
#2	2191.610	2464.128	48067.96	4426.420	3693.594
#3	2219.785	2462.085	48655.66	4470.280	3703.729

Sample Name: AIR MDL#6 Acquired: 11/12/2018 13:48:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037652	.0113858	.0025500	.0041519	.0141557	.0350600	.0241523
Stddev	.0026800	.0009614	.0010708	.0006785	.0010928	.0124666	.0009830
%RSD	71.17880	8.443808	41.99321	16.34072	7.720051	35.55775	4.070185

#1	.0022078	.0121297	.0017148	.0042388	.0150843	.0283534	.0241819
#2	.0068598	.0117275	.0037572	.0047827	.0129514	.0273825	.0231548
#3	.0022281	.0103002	.0021780	.0034342	.0144313	.0494443	.0251203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013581	.0015904	.4969239	.0025140	.0083132	.0088602	.0232452
Stddev	.0001270	.0000313	.0076932	.0000403	.0001444	.0041482	.0229154
%RSD	9.354185	1.970198	1.548158	1.605184	1.737254	46.81863	98.58103

#1	.0012768	.0015703	.4889959	.0025229	.0084727	.0105084	.0408040
#2	.0015045	.0016265	.5043585	.0025491	.0082755	.0041412	.0316088
#3	.0012930	.0015744	.4974172	.0024699	.0081913	.0119309	-.002677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044154	.4997791	.0107966	.0027370	.2726353	.0119367	.0156136
Stddev	.0003527	.0163184	.0003596	.0001385	.3529656	.0074162	.0095195
%RSD	7.988999	3.265118	3.331004	5.059043	129.4644	62.12963	60.96905

#1	.0046312	.4830710	.0104482	.0026082	-.108278	.0105898	.0056030
#2	.0046068	.5005887	.0111665	.0027193	.588645	.0199341	.0166868
#3	.0040084	.5156776	.0107751	.0028835	.337539	.0052863	.0245510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4370615	.0016466	.0223911	.0455192	.0020962	.1260672	.0080799
Stddev	.0380013	.0009422	.0003451	.0003137	.0010974	.0021345	.0007604
%RSD	8.694724	57.22158	1.541188	.6892330	52.35423	1.693130	9.411722

#1	.4064258	.0020432	.0225805	.0456074	.0032982	.1236419	.0084988
#2	.4251728	.0023258	.0219928	.0457794	.0011478	.1268998	.0085387
#3	.4795857	.0005709	.0226000	.0451708	.0018425	.1276598	.0072021

Sample Name: AIR MDL#6 Acquired: 11/12/2018 13:48:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0121090	-.004457	.0046705
Stddev	.0017209	.000579	.0000811
%RSD	14.21186	12.99673	1.737449

#1	.0101237	-.004244	.0047617
#2	.0131770	-.004014	.0046062
#3	.0130261	-.005112	.0046436

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.475	2466.091	48324.34	4484.713	3693.340
Stddev	15.736	5.622	198.12	18.275	11.023
%RSD	.7177114	.2279632	.4099705	.4074898	.2984649

#1	2182.587	2459.600	48277.14	4494.300	3697.453
#2	2184.218	2469.268	48154.10	4463.640	3701.715
#3	2210.621	2469.405	48541.80	4496.200	3680.851

Sample Name: AIR MDL#7 Acquired: 11/12/2018 13:52:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032113	.0096322	.0035726	.0027396	.0104729	.0166988	.0184098
Stddev	.0005635	.0015457	.0012697	.0001753	.0006508	.0088429	.0001995
%RSD	17.54768	16.04753	35.54111	6.396872	6.213877	52.95522	1.083462

#1	.0034392	.0113676	.0024687	.0027570	.0103566	.0268154	.0181829
#2	.0025695	.0091258	.0032889	.0025563	.0098882	.0128399	.0185574
#3	.0036252	.0084032	.0049602	.0029055	.0111740	.0104412	.0184890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010404	.0012032	.3842736	.0017840	.0062134	.0079721	.0256239
Stddev	.0000213	.0000793	.0074635	.0004986	.0002482	.0014885	.0099831
%RSD	2.048802	6.590084	1.942242	27.94683	3.994892	18.67127	38.96023

#1	.0010645	.0012947	.3787408	.0022906	.0059448	.0091086	.0309736
#2	.0010323	.0011556	.3813178	.0017676	.0064342	.0062872	.0141060
#3	.0010242	.0011592	.3927624	.0012938	.0062613	.0085206	.0317919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048409	.3847037	.0079308	.0020584	.3089215	.0077659	.0198388
Stddev	.0010410	.0559436	.0000762	.0002597	.2354304	.0033514	.0145271
%RSD	21.50350	14.54201	.9612567	12.61827	76.21041	43.15544	73.22572

#1	.0051503	.4290123	.0078476	.0017664	.2821908	.0047274	.0154106
#2	.0036803	.3218400	.0079972	.0021451	.5565764	.0072096	.0080411
#3	.0056921	.4032587	.0079476	.0022636	.0879974	.0113606	.0360647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3905047	.0011519	.0150158	.0344424	.0009841	.0943317	.0056164
Stddev	.0647390	.0000432	.0005189	.0001346	.0007949	.0029093	.0002772
%RSD	16.57828	3.753212	3.455864	.3908058	80.77281	3.084114	4.936158

#1	.4430032	.0011042	.0156149	.0344725	.0011681	.0975554	.0059059
#2	.3181679	.0011886	.0147057	.0345594	.0001134	.0919013	.0055900
#3	.4103430	.0011629	.0147268	.0342953	.0016708	.0935384	.0053533

Sample Name: AIR MDL#7 Acquired: 11/12/2018 13:52:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0075893	-.006762	.0034086
Stddev	.0008094	.002017	.0000676
%RSD	10.66564	29.82776	1.983119

#1	.0070816	-.004529	.0033753
#2	.0085228	-.008451	.0033642
#3	.0071636	-.007306	.0034864

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.459	2456.075	48087.60	4461.663	3645.833
Stddev	5.162	3.881	119.23	33.578	3.150
%RSD	.2366182	.1580226	.2479430	.7525975	.0864115

#1	2187.375	2451.607	48225.11	4448.960	3643.368
#2	2179.128	2458.006	48013.05	4499.740	3649.383
#3	2177.874	2458.611	48024.63	4436.290	3644.749

Sample Name: PBF012 Acquired: 11/12/2018 13:56:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002251	-.000926	-.000104	-.002122	.0018713	-.002324	-.001237
Stddev	.002061	.001478	.001535	.000651	.0001572	.002167	.000564
%RSD	91.55291	159.6504	1473.944	30.68449	8.399632	93.21532	45.62626

#1	.000055	-.002257	-.001800	-.002646	.0020177	-.000274	-.001857
#2	-.003914	-.001184	.000297	-.002326	.0017052	-.004591	-.000753
#3	-.002895	.000664	.001190	-.001393	.0018910	-.002108	-.001100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000634	.0030548	-.000070	.0002327	.0017490	.0058646
Stddev	.000060	.0000414	.0038229	.000238	.0001007	.0028588	.0350561
%RSD	531.1958	65.17819	125.1449	337.8853	43.27116	163.4562	597.7579

#1	-.000066	.0000163	-.001177	-.000310	.0002383	-.000683	.0427369
#2	-.000021	.0000934	.006259	-.000068	.0003306	.001032	-.027037
#3	.000053	.0000806	.004082	.000166	.0001294	.004898	.001894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011771	-.031067	-.000100	.0002586	-.007970	.0016988	.0084546
Stddev	.0010109	.022066	.000404	.0004159	.267461	.0028270	.0074432
%RSD	85.88307	71.02917	404.2528	160.8356	3355.655	166.4146	88.03707

#1	.0009972	-.008353	.000348	.0006939	-.129507	.0014311	.0006579
#2	.0002682	-.032423	-.000209	.0002164	-.193082	.0046501	.0154850
#3	.0022658	-.052424	-.000439	-.000135	.298678	-.000985	.0092211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254512	-.001137	-.002745	.0000441	-.001214	-.001419	-.003280
Stddev	.0477270	.000323	.000516	.0000900	.000271	.000424	.001862
%RSD	187.5239	28.42479	18.78886	204.0234	22.32379	29.88853	56.75968

#1	.0466693	-.001354	-.002218	.0000517	-.001002	-.001906	-.001172
#2	-.029206	-.001291	-.002769	.0001300	-.001120	-.001218	-.004697
#3	.058890	-.000765	-.003248	-.000049	-.001519	-.001133	-.003970

Sample Name: PBF012 Acquired: 11/12/2018 13:56:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000741	-.010369	-.000121
Stddev	.000994	.001010	.000116
%RSD	134.2114	9.739692	95.70284

#1	-.000268	-.010438	-.000099
#2	-.000071	-.009327	-.000018
#3	-.001883	-.011343	-.000247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.673	2460.347	48429.90	4490.883	3654.000
Stddev	13.635	4.983	321.96	14.924	11.719
%RSD	.6153666	.2025423	.6647989	.3323147	.3207053

#1	2199.945	2460.298	48125.65	4474.850	3652.323
#2	2222.928	2465.355	48396.99	4493.430	3666.466
#3	2224.146	2455.389	48767.04	4504.370	3643.209

Sample Name: LCS012 Acquired: 11/12/2018 14:00:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243725	.0539383	.0182227	.0739736	.1240471	.3918526
Stddev	.0034006	.0009275	.0011465	.0026787	.0009564	.0132253
%RSD	13.95268	1.719463	6.291543	3.621161	.7710373	3.375074

#1	.0251143	.0533554	.0169122	.0742667	.1239080	.3958258
#2	.0273411	.0550078	.0187160	.0764937	.1250655	.3770961
#3	.0206623	.0534516	.0190400	.0711604	.1231679	.4026358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4150618	.0100082	.0105950	10.35591	.0229233	.1017508
Stddev	.0016426	.0001271	.0000313	.09329	.0004240	.0002284
%RSD	.3957476	1.269428	.2952013	.9008812	1.849769	.2244715

#1	.4142163	.0100153	.0105597	10.44488	.0233222	.1016765
#2	.4140142	.0101315	.0106060	10.25882	.0224780	.1020071
#3	.4169549	.0098777	.0106193	10.36404	.0229698	.1015688

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557734	.2230893	.0338961	9.535332	.0862557	.0197253
Stddev	.0046886	.0430838	.0022163	.063449	.0002011	.0005373
%RSD	8.406513	19.31234	6.538544	.6654093	.2331566	2.723941

#1	.0525678	.2227308	.0341955	9.538906	.0864748	.0200758
#2	.0611546	.1801859	.0359475	9.470172	.0862128	.0199933
#3	.0535978	.2663511	.0315453	9.596919	.0860795	.0191067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.932865	.1088953	.1258367	9.766035	F .0099034	F .0165461
Stddev	.297471	.0018096	.0251678	.039149	.0002876	.0002185
%RSD	2.994812	1.661788	20.00039	.4008676	2.903877	1.320390

#1	10.16474	.1107521	.1085786	9.793722	.0095839	.0165994
#2	9.59746	.1087969	.1142163	9.783139	.0101416	.0167330
#3	10.03639	.1071369	.1547151	9.721245	.0099847	.0163059

Sample Name: LCS012 Acquired: 11/12/2018 14:00:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193191	.0814840	.1943253	F .0119012	.2042598	.0861879
Stddev	.0004082	.0019592	.0003586	.0007426	.0026608	.0013998
%RSD	2.113109	2.404349	.1845288	6.239724	1.302669	1.624152

#1	.0192483	.0835972	.1946624	.0122586	.2050462	.0847094
#2	.0197581	.0797281	.1943650	.0110475	.2012944	.0863612
#3	.0189509	.0811268	.1939485	.0123976	.2064388	.0874929

Elem	Sr4077
Units	ppm
Avg	.1998401
Stddev	.0002144
%RSD	.1072921

#1	.1996012
#2	.2000158
#3	.1999034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.813	2453.205	48524.62	4492.073	3690.328
Stddev	6.148	7.534	136.93	31.302	5.452
%RSD	.2796054	.3071154	.2821848	.6968329	.1477341

#1	2197.721	2444.796	48384.57	4471.070	3685.217
#2	2193.284	2459.342	48531.08	4477.100	3689.700
#3	2205.434	2455.476	48658.20	4528.050	3696.067

Sample Name: WIPE MDL#1 Acquired: 11/12/2018 14:04:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015754	.0088712	.0027329	.0043385	.0125520	.0253578	.0201877
Stddev	.0043135	.0013283	.0008406	.0002251	.0011181	.0210689	.0001431
%RSD	273.8002	14.97269	30.75612	5.188508	8.907761	83.08642	.7086157

#1	.0062044	.0099363	.0037035	.0042020	.0126456	.0031669	.0201021
#2	-.002331	.0073829	.0022444	.0042152	.0113900	.0278179	.0201081
#3	.000853	.0092945	.0022509	.0045983	.0136203	.0450887	.0203528

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011807	.0013467	.4493774	.0020282	.0072085	.0097488	.0308624
Stddev	.0000496	.0000558	.0085405	.0002691	.0001235	.0027539	.0253711
%RSD	4.204020	4.142719	1.900517	13.26708	1.712680	28.24848	82.20710

#1	.0012338	.0013954	.4516031	.0022597	.0072470	.0107024	.0031691
#2	.0011731	.0012858	.4399444	.0020919	.0073082	.0066448	.0364323
#3	.0011354	.0013590	.4565846	.0017329	.0070704	.0118991	.0529857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059806	.4672361	.0093651	.0021735	.4821137	.0034374	.0276754
Stddev	.0002207	.0560158	.0000356	.0002264	.1284387	.0018195	.0057107
%RSD	3.689478	11.98876	.3801320	10.41595	26.64075	52.93077	20.63447

#1	.0057259	.4042986	.0094061	.0021096	.3685307	.0050962	.0280770
#2	.0061017	.5116249	.0093461	.0024250	.6214926	.0014915	.0331747
#3	.0061143	.4857847	.0093430	.0019860	.4563178	.0037246	.0217746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4310455	.0009356	.0178275	.0387122	.0021444	.1057821	.0066054
Stddev	.1010547	.0008857	.0013713	.0002379	.0021796	.0006228	.0003652
%RSD	23.44410	94.66187	7.692345	.6146286	101.6417	.5887667	5.527979

#1	.3510030	.0016265	.0185561	.0388547	.0046187	.1063577	.0063262
#2	.3975347	-.000063	.0162456	.0388445	.0005088	.1051210	.0064715
#3	.5445988	.001243	.0186808	.0384376	.0013056	.1058677	.0070187

Sample Name: WIPE MDL#1 Acquired: 11/12/2018 14:04:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086858	-.007947	.0039964
Stddev	.0026430	.001362	.0000619
%RSD	30.42921	17.13988	1.548863

#1	.0112958	-.006602	.0039543
#2	.0087506	-.009325	.0039674
#3	.0060109	-.007914	.0040674

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.043	2434.482	47802.61	4463.280	3591.593
Stddev	9.638	2.939	84.92	6.852	7.473
%RSD	.4447314	.1207060	.1776447	.1535305	.2080601

#1	2175.604	2432.268	47719.07	4456.940	3593.795
#2	2156.605	2433.363	47888.85	4470.550	3583.267
#3	2168.921	2437.816	47799.91	4462.350	3597.718

Sample Name: WIPE MDL#2 Acquired: 11/12/2018 14:08:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063048	.0094827	.0035422	.0044073	.0132597	.0249549	.0237712
Stddev	.0036245	.0005532	.0022374	.0003315	.0012995	.0114252	.0007675
%RSD	57.48741	5.833983	63.16256	7.520445	9.800692	45.78319	3.228637

#1	.0104531	.0090715	.0013345	.0040926	.0137319	.0293349	.0232589
#2	.0047106	.0092649	.0058081	.0047533	.0142571	.0335421	.0234012
#3	.0037507	.0101117	.0034841	.0043761	.0117901	.0119878	.0246536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014126	.0016046	.5267221	.0021922	.0081000	.0092125	.0313862
Stddev	.0000047	.0000066	.0031924	.0001021	.0001607	.0012719	.0144671
%RSD	.3314843	.4089242	.6060824	4.655537	1.983804	13.80587	46.09384

#1	.0014162	.0016116	.5299665	.0021126	.0079380	.0081089	.0273911
#2	.0014144	.0015986	.5266155	.0021568	.0081028	.0106035	.0474311
#3	.0014073	.0016037	.5235844	.0023072	.0082593	.0089250	.0193365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047213	.4876255	.0108555	.0029087	.5258904	.0133764	.0148660
Stddev	.0007082	.0710108	.0000445	.0003406	.1358539	.0056396	.0009012
%RSD	14.99965	14.56257	.4099977	11.71055	25.83311	42.16058	6.062365

#1	.0040278	.4095272	.0108072	.0027770	.3979718	.0086320	.0151486
#2	.0046927	.5050408	.0108645	.0026535	.5112120	.0196116	.0138574
#3	.0054433	.5483084	.0108948	.0032955	.6684875	.0118856	.0155921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5709672	.0020317	.0212226	.0450197	.0020117	.1236141	.0082542
Stddev	.0548505	.0008031	.0019644	.0003233	.0018694	.0015536	.0013198
%RSD	9.606604	39.53068	9.256083	.7180674	92.92995	1.256803	15.98899

#1	.6110702	.0011073	.0189938	.0449898	.0014755	.1218359	.0083427
#2	.5933702	.0025582	.0227019	.0447124	.0040906	.1247085	.0095275
#3	.5084610	.0024296	.0219721	.0453568	.0004689	.1242979	.0068925

Sample Name: WIPE MDL#2 Acquired: 11/12/2018 14:08:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107464	-.005539	.0046949
Stddev	.0002751	.000200	.0001387
%RSD	2.559962	3.609309	2.954327

#1	.0109884	-.005333	.0046400
#2	.0104472	-.005550	.0048526
#3	.0108037	-.005733	.0045920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.099	2453.846	48197.50	4458.283	3655.414
Stddev	12.972	3.773	260.43	28.688	7.348
%RSD	.5920311	.1537581	.5403492	.6434870	.2010233

#1	2176.726	2449.844	47900.94	4475.910	3650.681
#2	2194.635	2457.339	48388.97	4425.180	3663.880
#3	2201.936	2454.355	48302.58	4473.760	3651.682

Sample Name: WIPE MDL#3 Acquired: 11/12/2018 14:12:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042812	.0114146	.0030915	.0051072	.0143407	.0151858	.0237024
Stddev	.0025458	.0007007	.0010476	.0012157	.0004424	.0116861	.0003380
%RSD	59.46443	6.139120	33.88731	23.80437	3.084958	76.95416	1.426206

#1	.0055936	.0109999	.0036564	.0064822	.0139845	.0177333	.0233531
#2	.0013470	.0122237	.0018827	.0046651	.0142019	.0253880	.0240279
#3	.0059030	.0110202	.0037354	.0041744	.0148359	.0024361	.0237261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014476	.0016029	.5111428	.0025834	.0082013	.0060912	.0452274
Stddev	.0000562	.0000588	.0227113	.0000829	.0004070	.0015817	.0130751
%RSD	3.878817	3.668010	4.443238	3.211049	4.961973	25.96676	28.90971

#1	.0014257	.0016430	.5172520	.0026224	.0086247	.0053809	.0314926
#2	.0014057	.0016303	.5301746	.0026396	.0081662	.0079035	.0575238
#3	.0015114	.0015354	.4860017	.0024881	.0078131	.0049891	.0466658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041788	.4323034	.0107185	.0026906	.3186036	.0118580	.0233598
Stddev	.0006924	.0663340	.0001300	.0002099	.1770321	.0017631	.0109869
%RSD	16.56986	15.34432	1.212827	7.801628	55.56500	14.86877	47.03317

#1	.0041785	.3735246	.0105992	.0025281	.3573044	.0107811	.0350021
#2	.0034865	.5042250	.0108571	.0029276	.1254227	.0138927	.0219038
#3	.0048713	.4191608	.0106993	.0026161	.4730837	.0109001	.0131736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5184915	.0015001	.0198097	.0455250	-.000408	.1231467	.0073234
Stddev	.0756539	.0007693	.0012416	.0000849	.001881	.0005089	.0010373
%RSD	14.59116	51.28115	6.267755	.1865693	460.9120	.4132877	14.16474

#1	.4681604	.0010126	.0207256	.0455218	.001161	.1227544	.0063009
#2	.4818217	.0023869	.0203071	.0454418	.000108	.1229639	.0072944
#3	.6054923	.0011008	.0183965	.0456115	-.002493	.1237218	.0083749

Sample Name: WIPE MDL#3 Acquired: 11/12/2018 14:12:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101517	-.005975	.0046984
Stddev	.0002781	.000971	.0000252
%RSD	2.739513	16.24879	.5358576

#1	.0101697	-.006990	.0046855
#2	.0098651	-.005880	.0046823
#3	.0104205	-.005055	.0047274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.890	2464.185	48194.56	4539.580	3680.196
Stddev	17.660	4.371	270.63	9.678	6.167
%RSD	.8079042	.1774002	.5615293	.2131901	.1675683

#1	2204.743	2466.451	48493.70	4535.300	3675.683
#2	2169.734	2466.958	47966.74	4550.660	3687.223
#3	2183.192	2459.146	48123.23	4532.780	3677.683

Sample Name: WIPE MDL#4 Acquired: 11/12/2018 14:16:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012363	.0099201	.0032194	.0043301	.0134065	.0193883	.0245783
Stddev	.0021414	.0017376	.0001966	.0017184	.0004219	.0066458	.0000499
%RSD	173.2040	17.51562	6.105701	39.68588	3.147133	34.27716	.2029340

#1	.0016401	.0080662	.0030542	.0023611	.0138931	.0121518	.0245387
#2	.0031471	.0101828	.0031673	.0055272	.0131855	.0252181	.0245618
#3	-.001078	.0115114	.0034368	.0051020	.0131411	.0207951	.0246343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013898	.0015542	.4876172	.0027873	.0085445	.0051408	.0115446
Stddev	.0000717	.0001022	.0054462	.0002654	.0002970	.0061967	.0148760
%RSD	5.158295	6.572509	1.116896	9.520677	3.475984	120.5409	128.8568

#1	.0013696	.0014557	.4825104	.0026941	.0083910	-.000761	-.005525
#2	.0013303	.0015474	.4933489	.0030866	.0083557	.004588	.018417
#3	.0014694	.0016596	.4869923	.0025810	.0088869	.011596	.021742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044162	.4855665	.0109419	.0030526	.3598735	.0086111	.0040525
Stddev	.0011389	.0357073	.0002315	.0002627	.0973413	.0052928	.0144344
%RSD	25.79043	7.353732	2.116202	8.605001	27.04876	61.46466	356.1844

#1	.0056800	.4680905	.0108882	.0027547	.2821390	.0130585	.0151765
#2	.0034692	.5266456	.0111956	.0031520	.3284318	.0100177	-.012259
#3	.0040994	.4619632	.0107419	.0032510	.4690497	.0027571	.009240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247428	.0000174	.0198958	.0457553	.0016147	.1197126	.0072959
Stddev	.0502740	.0003066	.0011366	.0002556	.0009978	.0033063	.0001365
%RSD	9.580689	1761.829	5.712851	.5585416	61.79219	2.761889	1.871018

#1	.5699165	-.000098	.0188076	.0459465	.0026558	.1203791	.0074506
#2	.5337308	-.000215	.0198045	.0454650	.0015216	.1226349	.0072447
#3	.4705811	.000365	.0210753	.0458543	.0006668	.1161238	.0071924

Sample Name: WIPE MDL#4 Acquired: 11/12/2018 14:16:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0108872	-.007212	.0047075
Stddev	.0023755	.001555	.0000801
%RSD	21.81954	21.55815	1.701595

#1	.0122273	-.006090	.0047912
#2	.0122899	-.008987	.0046997
#3	.0081444	-.006560	.0046316

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.073	2458.756	48024.30	4497.113	3689.664
Stddev	18.783	7.154	122.05	22.458	9.892
%RSD	.8584156	.2909485	.2541443	.4993921	.2680915

#1	2181.209	2461.448	47884.14	4486.420	3690.541
#2	2209.322	2464.174	48081.60	4482.000	3699.088
#3	2173.687	2450.647	48107.16	4522.920	3679.363

Sample Name: WIPE MDL#5 Acquired: 11/12/2018 14:21:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042433	.0104281	.0035882	.0060738	.0142121	.0344891	.0248474
Stddev	.0046110	.0018568	.0001634	.0021823	.0004110	.0243710	.0011528
%RSD	108.6648	17.80590	4.554704	35.92955	2.892192	70.66312	4.639538

#1	.0089821	.0107169	.0034113	.0068441	.0137418	.0580256	.0255387
#2	.0039759	.0084438	.0036196	.0036108	.0145029	.0093615	.0235166
#3	-.000228	.0121237	.0037336	.0077664	.0143915	.0360800	.0254870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014389	.0015749	.5026053	.0026449	.0082744	.0061233	.0204086
Stddev	.0000492	.0000483	.0138736	.0004619	.0001345	.0030653	.0193831
%RSD	3.415951	3.064061	2.760344	17.46520	1.625100	50.05987	94.97535

#1	.0014029	.0015327	.4866912	.0031771	.0081255	.0026707	-.001970
#2	.0014189	.0016275	.5089703	.0023484	.0083106	.0085247	.031915
#3	.0014949	.0015646	.5121544	.0024092	.0083871	.0071744	.031281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059432	.4758777	.0107271	.0029199	.3965319	.0143707	.0173375
Stddev	.0019091	.0118221	.0001308	.0002816	.0249538	.0044102	.0134752
%RSD	32.12258	2.484280	1.219330	9.643449	6.293020	30.68896	77.72292

#1	.0075542	.4890046	.0107387	.0027728	.4229353	.0180827	.0179214
#2	.0064407	.4660698	.0108517	.0027423	.3733383	.0155339	.0035798
#3	.0038345	.4725587	.0105909	.0032445	.3933220	.0094955	.0305112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4526750	.0018960	.0194431	.0455384	.0022544	.1187893	.0082340
Stddev	.0760929	.0004338	.0009365	.0003136	.0023091	.0009029	.0005905
%RSD	16.80962	22.87963	4.816470	.6885530	102.4264	.7600888	7.172047

#1	.4628040	.0015068	.0194522	.0451770	.0047373	.1183156	.0084002
#2	.3720249	.0023637	.0203750	.0457388	.0018548	.1198305	.0075781
#3	.5231961	.0018175	.0185021	.0456993	.0001712	.1182218	.0087236

Sample Name: WIPE MDL#5 Acquired: 11/12/2018 14:21:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089815	-.005456	.0047156
Stddev	.0009741	.000737	.0000408
%RSD	10.84583	13.51266	.8651058

#1	.0086241	-.004619	.0046687
#2	.0100838	-.006010	.0047358
#3	.0082365	-.005740	.0047424

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.472	2464.780	48392.54	4514.347	3697.279
Stddev	13.895	1.435	96.59	15.380	5.484
%RSD	.6325986	.0582175	.1995983	.3407021	.1483212

#1	2180.428	2465.907	48413.14	4515.920	3694.338
#2	2204.507	2465.270	48287.31	4498.240	3703.606
#3	2204.482	2463.165	48477.17	4528.880	3693.893

Sample Name: WIPE MDL#6 Acquired: 11/12/2018 14:25:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025652	.0110090	.0020035	.0046107	.0136491	.0308048	.0245378
Stddev	.0009916	.0000950	.0007737	.0013187	.0006815	.0117369	.0006533
%RSD	38.65449	.8631902	38.61558	28.59963	4.992734	38.10104	2.662358

#1	.0019243	.0108994	.0028698	.0055884	.0134343	.0225779	.0251226
#2	.0037073	.0110607	.0017594	.0031110	.0144121	.0255912	.0246581
#3	.0020640	.0110671	.0013813	.0051328	.0131009	.0442453	.0238327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013953	.0016232	.5089564	.0022923	.0082634	.0043565	.0411694
Stddev	.0000526	.0000688	.0157533	.0003780	.0004221	.0063898	.0334485
%RSD	3.773704	4.239023	3.095211	16.49175	5.108582	146.6704	81.24610

#1	.0013368	.0015953	.5262781	.0026615	.0086651	-.002869	.0715934
#2	.0014103	.0015727	.5051052	.0023095	.0078234	.006676	.0465629
#3	.0014388	.0017016	.4954857	.0019060	.0083017	.009263	.0053518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057157	.4811283	.0108632	.0024624	.5235213	.0063792	.0227338
Stddev	.0004252	.0474638	.0000981	.0003444	.2018002	.0021254	.0025229
%RSD	7.439594	9.865107	.9033482	13.98627	38.54670	33.31719	11.09768

#1	.0057943	.5275152	.0107574	.0028476	.5005939	.0068032	.0229111
#2	.0052567	.4832134	.0108808	.0023554	.7358059	.0082606	.0251634
#3	.0060962	.4326563	.0109513	.0021842	.3341639	.0040738	.0201269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4760926	.0014614	.0194171	.0454225	.0039342	.1197940	.0079541
Stddev	.0269958	.0009712	.0006395	.0006666	.0006969	.0006978	.0007959
%RSD	5.670295	66.45733	3.293595	1.467568	17.71295	.5825098	10.00563

#1	.4982201	.0007503	.0189938	.0449058	.0034492	.1189980	.0075868
#2	.4840433	.0010659	.0191047	.0451868	.0047328	.1203002	.0074083
#3	.4460142	.0025679	.0201527	.0461749	.0036206	.1200839	.0088673

Sample Name: WIPE MDL#6 Acquired: 11/12/2018 14:25:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0091387	-.006978	.0047694
Stddev	.0013878	.000612	.0000536
%RSD	15.18593	8.772388	1.124105

#1	.0090903	-.006559	.0047331
#2	.0105501	-.007681	.0048309
#3	.0077758	-.006695	.0047441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.045	2446.137	48119.67	4478.457	3667.444
Stddev	13.230	5.456	383.73	35.608	7.201
%RSD	.6071387	.2230452	.7974571	.7950910	.1963372

#1	2169.917	2441.733	47972.86	4444.940	3659.364
#2	2173.000	2444.438	47831.01	4474.590	3669.785
#3	2194.217	2452.241	48555.14	4515.840	3673.183

Sample Name: WIPE MDL#7 Acquired: 11/12/2018 14:29:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027531	.0112825	.0018690	.0049559	.0121901	.0214377	.0249119
Stddev	.0039249	.0015893	.0002694	.0002075	.0011378	.0074126	.0008137
%RSD	142.5631	14.08617	14.41273	4.186292	9.333505	34.57720	3.266185

#1	.0047477	.0105038	.0015723	.0050540	.0111045	.0176272	.0244526
#2	.0052802	.0131110	.0019365	.0047176	.0120921	.0299805	.0244316
#3	-.001769	.0102328	.0020982	.0050962	.0133737	.0167056	.0258513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014046	.0015455	.5182723	.0026051	.0082285	.0040322	.0197075
Stddev	.0000399	.0000510	.0074822	.0003507	.0002296	.0009649	.0244100
%RSD	2.839615	3.297269	1.443689	13.46177	2.790667	23.93009	123.8618

#1	.0014302	.0014889	.5266332	.0025091	.0083303	.0049958	.0160757
#2	.0014250	.0015599	.5122062	.0023124	.0083896	.0030660	-.002683
#3	.0013586	.0015877	.5159775	.0029938	.0079655	.0040348	.045730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059077	.4618832	.0106697	.0027359	.2091443	.0078401	.0117522
Stddev	.0011573	.0058062	.0001019	.0003064	.2374364	.0047551	.0022366
%RSD	19.58953	1.257063	.9546614	11.19836	113.5275	60.65172	19.03130

#1	.0069503	.4677692	.0105893	.0024674	.2870134	.0023886	.0142972
#2	.0046625	.4561603	.0106356	.0030696	-.057449	.0099983	.0108604
#3	.0061105	.4617202	.0107843	.0026707	.397868	.0111334	.0100992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4580951	.0017047	.0200091	.0456958	.0027754	.1221661	.0082879
Stddev	.0508280	.0001255	.0005539	.0003680	.0020086	.0014712	.0004927
%RSD	11.09552	7.359338	2.768039	.8053528	72.37061	1.204261	5.944346

#1	.4415698	.0015660	.0205069	.0454056	.0005008	.1221080	.0080623
#2	.5151294	.0018102	.0194125	.0455721	.0043053	.1207249	.0088529
#3	.4175861	.0017379	.0201080	.0461097	.0035201	.1236656	.0079484

Sample Name: WIPE MDL#7 Acquired: 11/12/2018 14:29:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0115127	-.007837	.0047263
Stddev	.0010084	.001868	.0001785
%RSD	8.758658	23.84084	3.776882

#1	.0113308	-.009747	.0048737
#2	.0106077	-.007751	.0045278
#3	.0125996	-.006013	.0047775

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.978	2438.084	47872.43	4436.040	3660.123
Stddev	2.158	5.577	126.14	22.832	9.027
%RSD	.0995164	.2287399	.2634944	.5146923	.2466275

#1	2171.389	2432.001	47952.39	4414.100	3650.616
#2	2167.224	2442.956	47727.02	4459.670	3668.577
#3	2168.322	2439.295	47937.89	4434.350	3661.175

Sample Name: PB114717BL Acquired: 11/12/2018 14:33:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002515	-.000136	.0000288	.0022816	.0005478	.0111941	-.001556
Stddev	.004460	.001752	.0009765	.0023923	.0007206	.0071430	.000875
%RSD	177.3345	1290.574	3389.319	104.8520	131.5403	63.81063	56.22941

#1	-.006491	.001733	-.001046	-.000044	-.000259	.0183151	-.001960
#2	-.003364	-.001740	.000270	.004735	.001127	.0040292	-.002155
#3	.002308	-.000400	.000862	.002154	.000775	.0112380	-.000552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000003	-.001843	.0001664	-.000097	.0009322	.0130154
Stddev	.000010	.000012	.031244	.0001538	.000203	.0025130	.0105528
%RSD	169.2496	363.2584	1695.539	92.39338	209.7432	269.5875	81.07898

#1	.000004	-.000007	.007491	.0003366	-.000323	-.001967	.0169407
#2	-.000005	-.000014	.023671	.0000376	.000070	.002267	.0210430
#3	-.000017	.000010	-.036690	.0001251	-.000037	.002496	.0010625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000192	.0406136	-.000022	.0003543	-.149853	.0001547	.0049673
Stddev	.000515	.0381139	.000754	.0003509	.116619	.0055141	.0123174
%RSD	267.5858	93.84514	3371.275	99.03460	77.82181	3564.968	247.9728

#1	-.000084	.0843614	-.000602	.0004122	-.282003	.0059153	.0043305
#2	.000260	.0145842	.000830	.0006727	-.061366	-.000377	.0175907
#3	-.000753	.0228953	-.000295	-.000022	-.106192	-.005074	-.007019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191936	-.000540	-.004286	.0000563	-.000958	-.000531	-.002212
Stddev	.0315631	.000409	.000648	.0001323	.001486	.000644	.001147
%RSD	164.4459	75.70177	15.11170	234.8983	155.0929	121.1604	51.84847

#1	.0268219	-.000759	-.004120	.0001704	-.000225	-.001273	-.001191
#2	-.015485	-.000068	-.005001	-.000089	.000018	-.000119	-.001992
#3	.046244	-.000794	-.003738	.000087	-.002667	-.000202	-.003453

Sample Name: PB114717BL Acquired: 11/12/2018 14:33:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS717 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010398	-.012611	-.000139
Stddev	.0019186	.001145	.000017
%RSD	184.5182	9.080686	12.06102

#1	-.000672	-.011611	-.000133
#2	.000678	-.012362	-.000126
#3	.003113	-.013860	-.000158

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.915	2447.237	48142.10	4472.523	3667.031
Stddev	11.700	3.454	62.03	24.628	7.637
%RSD	.5352676	.1411579	.1288433	.5506578	.2082561

#1	2175.680	2444.697	48078.57	4455.920	3658.379
#2	2198.670	2451.171	48202.51	4460.830	3672.833
#3	2183.395	2445.844	48145.24	4500.820	3669.881

Sample Name: PB114717BS Acquired: 11/12/2018 14:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240128	.0504158	.0197989	.0708259	.1217484	.3794462
Stddev	.0034631	.0007058	.0003507	.0037969	.0015333	.0063992
%RSD	14.42205	1.399883	1.771299	5.360824	1.259395	1.686463

#1	.0230775	.0511649	.0193944	.0697421	.1214089	.3826669
#2	.0211134	.0503194	.0199850	.0750468	.1204132	.3720764
#3	.0278476	.0497633	.0200174	.0676888	.1234229	.3835951

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050212	.0099629	.0103229	10.24977	.0224590	.0997136
Stddev	.0001530	.0000246	.0000616	.05802	.0005743	.0003048
%RSD	.0377707	.2467844	.5968718	.5660490	2.556889	.3056287

#1	.4049803	.0099665	.0103582	10.19545	.0219101	.0998349
#2	.4048928	.0099367	.0103587	10.24298	.0230556	.0993669
#3	.4051904	.0099854	.0102517	10.31089	.0224115	.0999390

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500711	.2182733	.0326444	9.471173	.0841033	.0198716
Stddev	.0014786	.0041531	.0027367	.231973	.0007014	.0002023
%RSD	2.952992	1.902724	8.383415	2.449254	.8339405	1.017777

#1	.0486271	.2225846	.0350165	9.284087	.0835406	.0200047
#2	.0515820	.2142988	.0296502	9.398703	.0838803	.0199713
#3	.0500042	.2179364	.0332666	9.730730	.0848891	.0196389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.525051	.1068916	.1063003	9.499743	F .0103987	F .0160728
Stddev	.149048	.0034782	.0184301	.078093	.0002375	.0006184
%RSD	1.564802	3.253900	17.33779	.8220557	2.283437	3.847725

#1	9.658968	.1108185	.1009155	9.589852	.0102947	.0167634
#2	9.364471	.1041986	.1268231	9.457657	.0102309	.0158848
#3	9.551715	.1056578	.0911623	9.451720	.0106704	.0155701

Sample Name: PB114717BS Acquired: 11/12/2018 14:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS717 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193263	.0809679	.1930993	F .0109508	.2042459	.0805115
Stddev	.0001824	.0013617	.0006052	.0009164	.0012617	.0009284
%RSD	.9440658	1.681839	.3133952	8.368060	.6177369	1.153161

#1	.0191226	.0803903	.1926664	.0117591	.2029041	.0812894
#2	.0194749	.0799901	.1928406	.0099553	.2044253	.0794837
#3	.0193813	.0825232	.1937908	.0111380	.2054083	.0807613

Elem	Sr4077
Units	ppm
Avg	.1974341
Stddev	.0007888
%RSD	.3995155

#1	.1977662
#2	.1980025
#3	.1965336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.542	2440.326	48550.03	4486.853	3711.675
Stddev	3.752	9.026	129.80	14.241	9.169
%RSD	.1705151	.3698677	.2673594	.3173999	.2470317

#1	2199.097	2431.016	48500.75	4498.400	3701.126
#2	2204.802	2449.039	48452.08	4491.220	3717.735
#3	2197.727	2440.922	48697.25	4470.940	3716.162

Sample Name: LCS011 Acquired: 11/12/2018 14:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253049	.0525151	.0197566	.0716930	.1260115	.3902238
Stddev	.0027199	.0011169	.0011761	.0022254	.0002270	.0153448
%RSD	10.74868	2.126720	5.953119	3.104039	.1801448	3.932298

#1	.0235102	.0535842	.0198687	.0727606	.1260864	.3915434
#2	.0284343	.0513560	.0185284	.0691350	.1257565	.3742619
#3	.0239701	.0526052	.0208727	.0731834	.1261916	.4048662

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4115522	.0101528	.0105301	10.35855	.0227795	.1017966
Stddev	.0008492	.0000973	.0000231	.03161	.0002279	.0004802
%RSD	.2063523	.9585413	.2193681	.3051678	1.000306	.4717143

#1	.4114295	.0100606	.0105039	10.38369	.0225170	.1018830
#2	.4124561	.0101433	.0105390	10.32306	.0228946	.1022277
#3	.4107710	.0102545	.0105475	10.36889	.0229268	.1012790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537550	.2056944	.0323084	9.635841	.0857740	.0202923
Stddev	.0060939	.0075862	.0008168	.081537	.0001940	.0004859
%RSD	11.33638	3.688106	2.528111	.8461827	.2262047	2.394699

#1	.0501957	.2001264	.0327654	9.702572	.0856057	.0197341
#2	.0502779	.2143349	.0327945	9.544956	.0859862	.0206206
#3	.0607915	.2026218	.0313654	9.659995	.0857300	.0205223

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.735112	.1107623	.1241743	9.694656	F .0097426	F .0157143
Stddev	.310728	.0042707	.0097207	.077644	.0004028	.0012149
%RSD	3.191829	3.855774	7.828249	.8008950	4.134070	7.731461

#1	9.424620	.1149866	.1345409	9.671913	.0098072	.0149036
#2	9.734640	.1108539	.1227181	9.630924	.0093114	.0151280
#3	10.04608	.1064466	.1152639	9.781132	.0101092	.0171112

Sample Name: LCS011 Acquired: 11/12/2018 14:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197566	.0830842	.1950603	F .0114300	.2044457	.0833814
Stddev	.0002529	.0022632	.0017540	.0003192	.0039493	.0011696
%RSD	1.280005	2.724018	.8992252	2.792466	1.931734	1.402693

#1	.0195981	.0820710	.1930386	.0117982	.2013372	.0821353
#2	.0196235	.0815046	.1959653	.0112316	.2031104	.0835534
#3	.0200483	.0856770	.1961770	.0112602	.2088897	.0844554

Elem	Sr4077
Units	ppm
Avg	.2004412
Stddev	.0006196
%RSD	.3091354

#1	.1997720
#2	.2009952
#3	.2005563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.123	2435.947	48244.95	4490.260	3695.563
Stddev	14.655	2.443	359.07	16.746	6.211
%RSD	.6663944	.1003020	.7442721	.3729351	.1680604

#1	2196.971	2433.139	48314.57	4483.970	3690.341
#2	2185.664	2437.115	47856.16	4509.240	3693.916
#3	2214.735	2437.586	48564.11	4477.570	3702.431

Sample Name: CCV093 Acquired: 11/12/2018 14:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071249	5.234098	26.13725	4.752853	5.041103	408.0009
Stddev	.007581	.008916	.06550	.007097	.003875	2.1352
%RSD	.1494939	.1703414	.2505930	.1493131	.0768696	.5233403

#1	5.063863	5.236364	26.10294	4.757541	5.041504	406.3625
#2	5.079011	5.224268	26.09603	4.744688	5.037042	407.2246
#3	5.070872	5.241663	26.21277	4.756330	5.044761	410.4157

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35437	.5068152	2.560015	410.7671	15.49713	2.663281
Stddev	.02047	.0054126	.004945	4.2924	.00605	.007790
%RSD	.1977166	1.067972	.1931496	1.044962	.0390407	.2925036

#1	10.34231	.5024993	2.559642	407.3432	15.49396	2.658370
#2	10.34279	.5050584	2.555268	409.3756	15.50411	2.659210
#3	10.37801	.5128881	2.565136	415.5826	15.49333	2.672263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.63819	408.4424	14.96011	402.7559	2.660499	1.291122
Stddev	.04956	3.5460	.15119	3.6902	.006596	.005558
%RSD	.3169170	.8681843	1.010595	.9162361	.2479375	.4305110

#1	15.58616	404.8200	14.81431	399.3135	2.659763	1.284750
#2	15.68485	408.6002	14.94984	402.3023	2.654302	1.294972
#3	15.64354	411.9068	15.11616	406.6519	2.667433	1.293645

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.8706	2.521157	15.23877	159.9552	F 2.753702	5.010020
Stddev	3.4443	.026202	.02256	.7120	.009097	.061685
%RSD	.8549423	1.039289	.1480369	.4451411	.3303406	1.231227

#1	400.7391	2.494738	15.23541	159.3099	2.752154	4.951903
#2	401.0286	2.521595	15.26283	159.8366	2.745479	5.003416
#3	406.8443	2.547137	15.21809	160.7190	2.763473	5.074741

Sample Name: CCV093 Acquired: 11/12/2018 14:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879363	F 2.432354	4.889808	5.271200	5.036852	5.197688
Stddev	.005089	.011035	.065983	.012132	.017872	.019922
%RSD	.1042951	.4536564	1.349394	.2301536	.3548286	.3832935

#1	4.881521	2.426204	4.837733	5.271746	5.021219	5.200048
#2	4.873550	2.425765	4.867680	5.258804	5.033002	5.176692
#3	4.883016	2.445093	4.964011	5.283049	5.056336	5.216326

Elem	Sr4077
Units	ppm
Avg	5.094238
Stddev	.016288
%RSD	.3197351

#1	5.081162
#2	5.089069
#3	5.112484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.252	2065.916	45737.01	4247.815	2940.453
Stddev	8.131	5.933	82.64	42.214	6.013
%RSD	.4227584	.2871847	.1806792	.9937721	.2044874

#1	1920.094	2059.880	45698.49	4270.710	2933.628
#2	1932.488	2066.127	45680.66	4273.636	2942.759
#3	1917.175	2071.740	45831.88	4199.101	2944.971

Sample Name: CCB093 Acquired: 11/12/2018 14:49:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003631	-.000258	.0015949	.0008782	.0017085	.0072502	-.000803
Stddev	.000965	.000456	.0017204	.0009885	.0014088	.0013776	.000666
%RSD	26.56661	176.8413	107.8692	112.5613	82.45526	19.00065	82.95417

#1	-.004661	.000254	-.000344	.0014083	.0012293	.0079445	-.000058
#2	-.002749	-.000406	.002192	-.000262	.0006019	.0056636	-.001343
#3	-.003482	-.000621	.002937	.001488	.0032944	.0081425	-.001009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	.0000522	.0016845	.0001358	-.000064	.0026382	.0063009
Stddev	.000029	.0001127	.0211036	.0002057	.000405	.0033208	.0180706
%RSD	39.15793	215.7961	1252.805	151.4045	629.6585	125.8743	286.7940

#1	-.000081	.0001558	-.017996	.0000288	-.000354	.0010899	.0226648
#2	-.000099	.0000686	-.000919	.0000058	.000398	.0064503	-.013093
#3	-.000042	-.000068	.023969	.0003730	-.000237	.0003742	.009331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013736	-.039971	.0002199	.0008067	-.077750	.0033568	-.001201
Stddev	.0020169	.042929	.0004027	.0001396	.107619	.0046581	.011850
%RSD	146.8260	107.3996	183.1405	17.30561	138.4161	138.7668	986.8556

#1	-.000715	-.087941	.0002143	.0008815	.019841	.0083754	.012312
#2	.003310	-.026806	-.000180	.0006456	-.059921	.0025232	-.006091
#3	.001526	-.005166	.000625	.0008928	-.193171	-.000828	-.009824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1308225	-.001300	.0074564	-.000123	-.001000	-.001508	-.000973
Stddev	.0469350	.000394	.0013131	.000175	.000852	.000591	.000201
%RSD	35.87683	30.33318	17.61091	142.6982	85.17771	39.17580	20.67442

#1	.1838023	-.001724	.0068175	-.000174	-.001549	-.000839	-.001116
#2	.1142188	-.001230	.0089667	.000072	-.000019	-.001957	-.000743
#3	.0944462	-.000945	.0065850	-.000266	-.001432	-.001729	-.001060

Sample Name: CCB093 Acquired: 11/12/2018 14:49:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000898	-.004980	-.000158
Stddev	.0030879	.001645	.000088
%RSD	3437.823	33.03294	55.38673

#1	-.003247	-.005689	-.000136
#2	.000671	-.006151	-.000255
#3	.002846	-.003099	-.000084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.540	2443.545	47859.15	4450.120	3660.738
Stddev	14.627	4.342	166.92	24.572	2.942
%RSD	.6692598	.1777091	.3487662	.5521669	.0803713

#1	2171.157	2443.698	47717.74	4438.380	3659.837
#2	2185.064	2439.128	48043.27	4478.360	3664.026
#3	2200.399	2447.808	47816.45	4433.620	3658.352

Sample Name: J5867-01 Acquired: 11/12/2018 14:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0000 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631142	.0043425	.3616327	-.010682	.0063440	115.7698	1.559919
Stddev	.0013891	.0001245	.0026125	.001767	.0028779	.4008	.002898
%RSD	2.200972	2.867652	.7224045	16.53775	45.36476	.3462021	.1857823

#1	.0646681	.0042367	.3610794	-.011370	.0066437	115.5587	1.562452
#2	.0626816	.0043112	.3593413	-.012001	.0033280	116.2320	1.556759
#3	.0619928	.0044797	.3644775	-.008675	.0090604	115.5187	1.560548

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078303	.0060793	49.35779	.1240139	.0943471	.2136529	140.5331
Stddev	.0000826	.0000523	.28158	.0002141	.0001605	.0026138	1.5659
%RSD	1.055414	.8594753	.5704838	.1726674	.1700966	1.223364	1.114277

#1	.0078911	.0061381	49.28374	.1239363	.0941664	.2156117	139.3741
#2	.0077362	.0060381	49.66899	.1242560	.0944730	.2146621	142.3146
#3	.0078637	.0060617	49.12063	.1238494	.0944020	.2106850	139.9108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.140006	34.97723	.1496143	.0038859	1.066240	.1984520	.6185502
Stddev	.073078	.32254	.0001107	.0002816	.390903	.0065493	.0246279
%RSD	1.190195	.9221519	.0739659	7.248115	36.66181	3.300180	3.981560

#1	6.107557	34.67370	.1495708	.0038133	1.090146	.1934283	.6144447
#2	6.223689	35.31591	.1495320	.0041967	.663932	.2058592	.6449729
#3	6.088771	34.94208	.1497401	.0036476	1.444641	.1960685	.5962330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.13844	2.869082	.0690900	.0034784	1.124095	4.469656	.0060761
Stddev	.12576	.002839	.0050243	.0001509	.004451	.061013	.0005518
%RSD	.3683762	.0989511	7.272137	4.336745	.3959920	1.365041	9.081602

#1	34.27106	2.872351	.0634574	.0033084	1.129234	4.540107	.0055213
#2	34.02091	2.867235	.0731103	.0035307	1.121610	4.434698	.0066248
#3	34.12335	2.867660	.0707022	.0035962	1.121440	4.434163	.0060821

Sample Name: J5867-01 Acquired: 11/12/2018 14:53:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0000 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.636466	.1196572	.2707284
Stddev	.004111	.0006835	.0010574
%RSD	.2512050	.5711957	.3905809

#1	1.633016	.1203252	.2706952
#2	1.641014	.1196870	.2696880
#3	1.635367	.1189593	.2718020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.317	2767.723	56079.32	5282.280	3492.231
Stddev	12.886	6.920	178.26	39.255	4.402
%RSD	.5133326	.2500386	.3178625	.7431529	.1260566

#1	2504.040	2766.691	56003.39	5237.161	3488.942
#2	2501.773	2761.377	55951.59	5308.608	3490.518
#3	2525.139	2775.101	56282.96	5301.070	3497.232

Sample Name: J5867-02 Acquired: 11/12/2018 14:57:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546837	.0039042	.2272687	-.012088	.0061737	107.7527	1.488669
Stddev	.0033685	.0018028	.0022144	.001416	.0016550	.5004	.002374
%RSD	6.159957	46.17700	.9743348	11.71404	26.80624	.4643874	.1594750

#1	.0583731	.0050451	.2251540	-.013696	.0075511	107.1887	1.487927
#2	.0539058	.0048416	.2295708	-.011539	.0043379	108.1435	1.491325
#3	.0517722	.0018258	.2270813	-.011029	.0066322	107.9260	1.486754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076739	.0042429	126.4415	.1142360	.0853971	.1656441	128.4559
Stddev	.0000739	.0001104	1.2320	.0004169	.0004115	.0018536	1.4956
%RSD	.9630787	2.602929	.9743966	.3649249	.4818153	1.118999	1.164282

#1	.0077442	.0043633	125.0381	.1146963	.0854366	.1670888	126.7402
#2	.0075969	.0041462	126.9416	.1141277	.0857873	.1662894	129.4844
#3	.0076807	.0042193	127.3449	.1138839	.0849673	.1635542	129.1431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.121030	33.18858	.1442194	.0028043	1.006726	.1814846	.4800588
Stddev	.086271	.26293	.0002737	.0004284	.181219	.0032756	.0104615
%RSD	1.684646	.7922292	.1898108	15.27511	18.00081	1.804901	2.179214

#1	5.024589	32.88505	.1439853	.0023173	.837697	.1852669	.4820909
#2	5.190864	33.34616	.1445203	.0029730	1.198068	.1795805	.4893553
#3	5.147636	33.33454	.1441525	.0031226	.984413	.1796064	.4687304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.64043	2.412040	.0550340	.0021049	1.026365	4.302909	.0038366
Stddev	.08513	.001121	.0017250	.0001582	.006858	.075583	.0003344
%RSD	.2972200	.0464838	3.134480	7.514840	.6681561	1.756553	8.714801

#1	28.73268	2.413292	.0530457	.0022876	1.027116	4.366314	.0041171
#2	28.56492	2.411699	.0559233	.0020122	1.019163	4.323145	.0034666
#3	28.62370	2.411129	.0561328	.0020150	1.032817	4.219268	.0039261

Sample Name: J5867-02 Acquired: 11/12/2018 14:57:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.341181	.1162082	.2989515
Stddev	.018587	.0002875	.0014722
%RSD	1.385888	.2473978	.4924377

#1	1.321086	.1163255	.3004216
#2	1.357758	.1158806	.2974773
#3	1.344699	.1164185	.2989555

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.318	2721.463	55076.30	5205.067	3466.013
Stddev	7.481	2.259	174.71	18.436	7.853
%RSD	.3055412	.0830175	.3172164	.3541973	.2265794

#1	2448.746	2719.645	55259.60	5213.274	3459.923
#2	2440.633	2720.753	54911.67	5217.974	3463.239
#3	2455.576	2723.992	55057.63	5183.952	3474.877

Sample Name: J5867-03 Acquired: 11/12/2018 15:01:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626660	.0035291	.3104767	-.010856	.0057161	110.6847	1.431158
Stddev	.0005224	.0023400	.0045384	.003188	.0015159	.2098	.001989
%RSD	.8336273	66.30660	1.461757	29.37001	26.51901	.1895344	.1389951

#1	.0624860	.0030079	.3057618	-.012205	.0040334	110.4472	1.428907
#2	.0622574	.0060857	.3148152	-.013147	.0069747	110.7619	1.432679
#3	.0632546	.0014936	.3108532	-.007215	.0061401	110.8449	1.431888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077704	.0058365	35.33289	.1141386	.0992392	.1961532	137.3664
Stddev	.0000172	.0001196	.11179	.0012401	.0000961	.0039785	.3017
%RSD	.2218922	2.048883	.3163792	1.086448	.0968417	2.028263	.2196102

#1	.0077903	.0057793	35.34982	.1145331	.0991574	.2005617	137.3488
#2	.0077603	.0057561	35.21361	.1127492	.0992151	.1928298	137.0739
#3	.0077607	.0059739	35.43525	.1151333	.0993450	.1950680	137.6765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.747346	31.22495	.1367084	.0037541	1.366363	.2017903	.4878116
Stddev	.013650	.02203	.0006036	.0003972	.249268	.0057500	.0061941
%RSD	.2022994	.0705473	.4415350	10.58065	18.24319	2.849491	1.269768

#1	6.731905	31.20737	.1367785	.0039884	1.199455	.2044952	.4949173
#2	6.752323	31.24967	.1360727	.0039784	1.652896	.1951867	.4849641
#3	6.757808	31.21783	.1372738	.0032955	1.246739	.2056891	.4835533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.90833	2.031215	.0484450	.0031245	.8879063	6.040167	.0050648
Stddev	.10374	.004595	.0061054	.0003573	.0038509	.064875	.0006089
%RSD	.4003993	.2261980	12.60281	11.43506	.4337070	1.074064	12.02256

#1	25.90897	2.030743	.0414379	.0031584	.8922044	6.044935	.0043665
#2	26.01174	2.026875	.0526202	.0034636	.8847702	5.973038	.0053424
#3	25.80427	2.036028	.0512770	.0027514	.8867442	6.102526	.0054854

Sample Name: J5867-03 Acquired: 11/12/2018 15:01:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0025 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.355656	.1104842	.3056297
Stddev	.009816	.0005213	.0002086
%RSD	.7241022	.4718507	.0682652

#1	1.351832	.1107033	.3058674
#2	1.366809	.1098890	.3055448
#3	1.348328	.1108602	.3054769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.571	2787.296	56044.05	5255.196	3545.572
Stddev	25.675	9.620	285.59	29.200	7.385
%RSD	1.017422	.3451471	.5095739	.5556444	.2082903

#1	2526.015	2779.039	55787.53	5221.529	3538.919
#2	2496.761	2797.860	55992.85	5270.442	3553.518
#3	2547.937	2784.989	56351.78	5273.617	3544.278

Sample Name: J5867-04 Acquired: 11/12/2018 15:05:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667262	.0061250	.2306309	-.012762	.0052121	117.0835	1.557626
Stddev	.0033069	.0015510	.0008200	.001824	.0019985	.2221	.004086
%RSD	4.955983	25.32180	.3555475	14.29590	38.34345	.1897274	.2623246

#1	.0695628	.0071626	.2315279	-.013849	.0029066	117.2691	1.561367
#2	.0630941	.0043421	.2299198	-.013780	.0062775	116.8374	1.553265
#3	.0675217	.0068704	.2304449	-.010655	.0064520	117.1442	1.558246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079751	.0049159	35.21634	.1191855	.1075012	.1814162	142.1573
Stddev	.0001071	.0000466	.09206	.0008619	.0005610	.0023436	.4265
%RSD	1.343099	.9469299	.2614089	.7231534	.5218862	1.291848	.3000206

#1	.0080625	.0049476	35.20920	.1182331	.1068538	.1788276	142.5049
#2	.0078556	.0049376	35.12806	.1199118	.1078037	.1820274	141.6814
#3	.0080073	.0048624	35.31176	.1194116	.1078461	.1833937	142.2857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.589613	32.01751	.1504074	.0028526	1.116231	.2084739	.4619587
Stddev	.023170	.09091	.0005139	.0002084	.307659	.0078476	.0068219
%RSD	.3052801	.2839272	.3416391	7.305944	27.56229	3.764288	1.476737

#1	7.589100	32.00674	.1498573	.0030717	1.438744	.1998122	.4553122
#2	7.566705	31.93247	.1504898	.0026569	.825967	.2104994	.4689435
#3	7.613035	32.11332	.1508751	.0028292	1.083981	.2151102	.4616203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.60630	1.987049	.0516737	.0027840	.8249756	5.765533	.0041043
Stddev	.06809	.007677	.0018701	.0000409	.0017542	.060221	.0015715
%RSD	.2380220	.3863384	3.619149	1.469035	.2126432	1.044504	38.28968

#1	28.67306	1.978993	.0534462	.0027452	.8243533	5.744374	.0050663
#2	28.53696	1.994280	.0497192	.0027801	.8236174	5.718747	.0049558
#3	28.60889	1.987873	.0518558	.0028267	.8269562	5.833478	.0022908

Sample Name: J5867-04 Acquired: 11/12/2018 15:05:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.469896	.1218751	.2655859
Stddev	.005265	.0024177	.0011368
%RSD	.3582109	1.983767	.4280332

#1	1.471713	.1216413	.2668943
#2	1.463963	.1195829	.2650232
#3	1.474012	.1244013	.2648402

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.194	2777.286	55656.44	5232.486	3530.063
Stddev	14.353	8.341	374.41	14.526	4.674
%RSD	.5775326	.3003145	.6727184	.2776211	.1324093

#1	2481.021	2769.823	55898.74	5224.775	3524.775
#2	2473.391	2775.745	55225.21	5249.242	3531.772
#3	2501.171	2786.289	55845.38	5223.441	3533.642

Sample Name: J5867-05 Acquired: 11/12/2018 15:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0709068	.0028266	.3705845	-.008647	.0080145	108.3871	1.502201
Stddev	.0018663	.0009974	.0028439	.000899	.0013413	.1103	.002608
%RSD	2.631982	35.28486	.7674109	10.40218	16.73637	.1017210	.1736212

#1	.0730300	.0025321	.3690803	-.009031	.0094850	108.4850	1.499574
#2	.0695263	.0039381	.3688085	-.009291	.0077006	108.2677	1.504790
#3	.0701640	.0020096	.3738646	-.007619	.0068580	108.4087	1.502240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072632	.0070779	32.98533	.1164675	.0958276	.2391869	136.2599
Stddev	.0001291	.0001284	.20009	.0006692	.0006334	.0048071	.6542
%RSD	1.777927	1.813408	.6066084	.5746179	.6610237	2.009778	.4801019

#1	.0073220	.0070491	33.21032	.1172143	.0951034	.2336746	136.9736
#2	.0071151	.0069665	32.82732	.1159220	.0961008	.2413781	136.1173
#3	.0073524	.0072183	32.91835	.1162662	.0962786	.2425080	135.6887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.915148	28.04683	.1334907	.0038679	1.388245	.2068174	.5769108
Stddev	.066127	.27475	.0007408	.0001920	.179226	.0023547	.0081040
%RSD	.9562671	.9796081	.5549411	4.965082	12.91024	1.138557	1.404715

#1	6.990181	28.29503	.1332353	.0038663	1.199676	.2069274	.5732754
#2	6.889895	27.75161	.1343254	.0040607	1.408685	.2044096	.5861958
#3	6.865369	28.09386	.1329114	.0036766	1.556375	.2091152	.5712611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.36823	2.374233	.0618697	.0041474	1.018511	5.463547	.0068598
Stddev	.14032	.005547	.0027042	.0004319	.004774	.059697	.0010081
%RSD	.4620615	.2336430	4.370857	10.41395	.4687182	1.092643	14.69544

#1	30.31479	2.369968	.0613641	.0037148	1.023758	5.474908	.0076635
#2	30.26248	2.372226	.0647910	.0041486	1.017352	5.398986	.0057287
#3	30.52742	2.380504	.0594539	.0045786	1.014423	5.516748	.0071873

Sample Name: J5867-05 Acquired: 11/12/2018 15:09:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.159266	.1162749	.2844898
Stddev	.010868	.0009423	.0008695
%RSD	.5033393	.8103911	.3056281

#1	2.170413	.1168904	.2835184
#2	2.148699	.1151901	.2847561
#3	2.158685	.1167441	.2851951

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.868	2767.776	55779.90	5234.253	3528.146
Stddev	22.463	1.376	234.93	35.496	4.879
%RSD	.9014392	.0497205	.4211796	.6781481	.1382802

#1	2516.568	2766.194	56035.79	5237.258	3523.359
#2	2486.371	2768.438	55729.97	5268.151	3533.112
#3	2472.663	2768.695	55573.95	5197.350	3527.967

Sample Name: J5867-06 Acquired: 11/12/2018 15:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1286475	.0036153	.3284685	-.012043	.0067239	101.9885	1.505391
Stddev	.0018916	.0016273	.0024114	.001621	.0011664	.1536	.004034
%RSD	1.470412	45.01157	.7341227	13.45802	17.34720	.1506498	.2679629

#1	.1301154	.0019889	.3278896	-.012942	.0079576	101.9476	1.500735
#2	.1265127	.0036137	.3311166	-.013015	.0065749	102.1585	1.507593
#3	.1293144	.0052435	.3263993	-.010172	.0056391	101.8594	1.507844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076899	.0072603	32.38453	.1063671	.1005694	.1983247	180.5793
Stddev	.0000421	.0000669	.17184	.0000499	.0000294	.0009104	.4936
%RSD	.5471586	.9215981	.5306294	.0469309	.0292383	.4590388	.2733620

#1	.0076542	.0071965	32.42310	.1063146	.1005925	.1975956	181.0330
#2	.0077363	.0072544	32.53381	.1064140	.1005793	.1980334	180.6514
#3	.0076792	.0073299	32.19668	.1063726	.1005363	.1993451	180.0536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.647616	28.46010	.1456710	.0038563	1.309641	.3312613	.5292833
Stddev	.046910	.06723	.0004956	.0006960	.115768	.0064509	.0042314
%RSD	.6133952	.2362270	.3402173	18.04767	8.839687	1.947374	.7994514

#1	7.664919	28.41578	.1462012	.0043606	1.396329	.3385241	.5341572
#2	7.683416	28.53746	.1452194	.0030623	1.354423	.3290627	.5265496
#3	7.594512	28.42708	.1455923	.0041459	1.178171	.3261971	.5271431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.89422	2.738405	.0590956	.0054816	.7990204	5.540573	.0055751
Stddev	.12215	.005120	.0041936	.0001100	.0082370	.040215	.0014564
%RSD	.4378899	.1869697	7.096306	2.006060	1.030890	.7258214	26.12254

#1	27.75992	2.735711	.0637942	.0053806	.8083604	5.551159	.0044243
#2	27.99868	2.735195	.0577604	.0054655	.7927944	5.496125	.0072125
#3	27.92406	2.744310	.0557321	.0055988	.7959064	5.574437	.0050886

Sample Name: J5867-06 Acquired: 11/12/2018 15:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.847610	.1035299	.2727618
Stddev	.008221	.0004700	.0006508
%RSD	.4449740	.4539490	.2386055

#1	1.842366	.1030743	.2720803
#2	1.857085	.1040131	.2728283
#3	1.843378	.1035022	.2733769

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.391	2760.666	55386.05	5195.201	3526.204
Stddev	24.265	3.053	381.36	45.559	1.499
%RSD	.9786663	.1105849	.6885471	.8769506	.0425164

#1	2455.108	2760.854	55099.49	5169.230	3525.821
#2	2479.429	2757.523	55239.76	5168.567	3527.857
#3	2503.638	2763.621	55818.89	5247.807	3524.932

Sample Name: J5867-07 Acquired: 11/12/2018 15:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664590	.0031391	.4794548	-.013781	.0074330	150.1252	2.097360
Stddev	.0019557	.0011407	.0028911	.002632	.0009804	.1003	.001324
%RSD	2.942688	36.33905	.6030067	19.09613	13.18923	.0668249	.0631455

#1	.0642700	.0036201	.4772809	-.015555	.0075272	150.1634	2.097786
#2	.0680341	.0018366	.4783475	-.010758	.0083628	150.0113	2.095875
#3	.0670730	.0039605	.4827359	-.015031	.0064089	150.2007	2.098419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100853	.0070471	51.93714	.1488697	.1243343	.2432349	184.8556
Stddev	.0001003	.0000145	.17787	.0006262	.0006130	.0038190	.1949
%RSD	.9940047	.2056100	.3424640	.4206544	.4930308	1.570074	.1054232

#1	.0100324	.0070383	52.11177	.1487739	.1250251	.2476337	185.0376
#2	.0100227	.0070392	51.75621	.1495383	.1241229	.2407660	184.8792
#3	.0102010	.0070638	51.94344	.1482969	.1238550	.2413050	184.6500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.322728	31.45360	.1528875	.0049334	1.762393	.3383132	.8569091
Stddev	.039539	.10727	.0001077	.0002237	.065449	.0033446	.0162862
%RSD	.5399482	.3410432	.0704701	4.533862	3.713634	.9885949	1.900580

#1	7.366706	31.44322	.1527795	.0051898	1.834378	.3369292	.8428344
#2	7.311361	31.35190	.1528880	.0048318	1.706472	.3421276	.8531450
#3	7.290118	31.56568	.1529950	.0047785	1.746328	.3358828	.8747478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.81120	5.620757	.0560858	.0037856	1.340339	4.773916	.0105056
Stddev	.06427	.012497	.0016734	.0001481	.000553	.042772	.0010666
%RSD	.2310785	.2223322	2.983592	3.912454	.0412431	.8959579	10.15216

#1	27.73715	5.630760	.0541681	.0038814	1.340093	4.809996	.0117371
#2	27.85236	5.606748	.0572496	.0036150	1.339951	4.726668	.0098857
#3	27.84410	5.624762	.0568396	.0038604	1.340972	4.785085	.0098940

Sample Name: J5867-07 Acquired: 11/12/2018 15:17:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.982492	.1698826	.4398565
Stddev	.016902	.0005830	.0005928
%RSD	.4244197	.3431950	.1347773

#1	3.997385	.1692303	.4391831
#2	3.964121	.1703529	.4400864
#3	3.985969	.1700647	.4402999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.865	2797.648	56460.47	5296.020	3457.066
Stddev	6.001	8.138	34.93	4.706	15.190
%RSD	.2393709	.2908783	.0618616	.0888555	.4394022

#1	2500.000	2789.093	56495.68	5295.741	3439.633
#2	2509.487	2798.558	56425.83	5291.461	3464.105
#3	2511.109	2805.292	56459.91	5300.860	3467.461

Sample Name: J5867-08 Acquired: 11/12/2018 15:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666318	.0043812	.2847719	-.009860	.0054729	121.3136	1.549284
Stddev	.0028324	.0001826	.0009328	.001486	.0016194	.5011	.001348
%RSD	4.250797	4.167811	.3275547	15.06875	29.58876	.4130458	.0870079

#1	.0650605	.0045842	.2838716	-.010254	.0068215	120.8199	1.549743
#2	.0699016	.0042303	.2857341	-.011109	.0059202	121.2992	1.550343
#3	.0649335	.0043291	.2847100	-.008217	.0036769	121.8217	1.547767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078143	.0072581	47.40142	.1209718	.0929044	.2162278	141.2574
Stddev	.0001196	.0001691	.67336	.0008475	.0002973	.0015930	.9658
%RSD	1.530361	2.330272	1.420552	.7005405	.3200399	.7367091	.6837287

#1	.0076785	.0073003	46.63956	.1210134	.0926545	.2160752	140.2406
#2	.0079036	.0074021	47.64783	.1217977	.0928254	.2178915	141.3688
#3	.0078609	.0070718	47.91686	.1201043	.0932332	.2147166	142.1626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.290822	36.17124	.1442799	.0032550	1.286438	.1996196	.5920529
Stddev	.085932	.19778	.0003919	.0002778	.400157	.0043179	.0193409
%RSD	1.365991	.5467780	.2716494	8.533356	31.10583	2.163063	3.266743

#1	6.196978	35.96892	.1441142	.0029473	.903051	.2041385	.6137618
#2	6.309827	36.36414	.1447275	.0034872	1.254778	.1955356	.5766585
#3	6.365660	36.18066	.1439980	.0033305	1.701485	.1991847	.5857385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.37942	3.329838	.0656509	.0029673	1.011643	5.505401	.0067063
Stddev	.01754	.009374	.0015089	.0002048	.004532	.069587	.0006670
%RSD	.0510198	.2815055	2.298341	6.903334	.4479472	1.263975	9.946564

#1	34.35949	3.331697	.0670495	.0028472	1.009064	5.473680	.0070976
#2	34.38623	3.319675	.0658513	.0032038	1.016876	5.457327	.0059361
#3	34.39252	3.338143	.0640518	.0028508	1.008990	5.585197	.0070853

Sample Name: J5867-08 Acquired: 11/12/2018 15:22:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.056857	.1143079	.3165136
Stddev	.008519	.0009494	.0013204
%RSD	.4141528	.8305335	.4171549

#1	2.048726	.1149052	.3177189
#2	2.056128	.1148054	.3167195
#3	2.065716	.1132132	.3151024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.013	2797.484	56496.71	5287.738	3546.181
Stddev	4.664	3.317	294.91	29.825	1.666
%RSD	.1852940	.1185656	.5219897	.5640403	.0469725

#1	2511.921	2801.312	56172.59	5318.863	3546.081
#2	2518.039	2795.460	56568.34	5284.943	3547.894
#3	2521.078	2795.680	56749.20	5259.409	3544.567

Sample Name: PB114716BS Acquired: 11/12/2018 13:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS716 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0262611	.0512252	.0203069	.0705143	.1190042	.3813924
Stddev	.0022557	.0022429	.0017122	.0020184	.0017207	.0079146
%RSD	8.589315	4.378589	8.431589	2.862403	1.445922	2.075194

#1	.0272713	.0514301	.0220877	.0682522	.1209042	.3904341
#2	.0236769	.0533587	.0201603	.0711593	.1185575	.3780233
#3	.0278350	.0488869	.0186727	.0721314	.1175509	.3757197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3969448	.0099441	.0102793	10.02433	.0225746	.0976162
Stddev	.0002782	.0000884	.0000688	.09126	.0004929	.0004670
%RSD	.0700909	.8888449	.6693052	.9104049	2.183417	.4784204

#1	.3972653	.0100457	.0102050	9.96122	.0228164	.0978148
#2	.3967653	.0099016	.0103408	10.12897	.0228998	.0970827
#3	.3968038	.0098849	.0102920	9.98279	.0220074	.0979510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550919	.2388044	.0328198	9.235034	.0826610	.0196461
Stddev	.0033206	.0106611	.0008345	.053575	.0006407	.0003349
%RSD	6.027442	4.464368	2.542764	.5801258	.7750937	1.704865

#1	.0585308	.2401095	.0337581	9.239890	.0819223	.0194250
#2	.0548412	.2487529	.0325407	9.179197	.0829957	.0194818
#3	.0519037	.2275508	.0321606	9.286016	.0830651	.0200314

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.463337	.1050438	.1159458	9.328605	F .0092593	F .0219563
Stddev	.422976	.0093258	.0149782	.033195	.0002304	.0009161
%RSD	4.469632	8.877991	12.91825	.3558378	2.488850	4.172416

#1	9.046611	.0981249	.1156784	9.291843	.0092749	.0229949
#2	9.892299	.1156493	.1011031	9.337589	.0094816	.0212629
#3	9.451102	.1013571	.1310558	9.356383	.0090215	.0216112

Sample Name: PB114716BS Acquired: 11/12/2018 13:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS716 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192180	.0812068	.1901034	F .0121735	.1982066	.0878535
Stddev	.0003059	.0012794	.0021869	.0011251	.0001608	.0034839
%RSD	1.591741	1.575529	1.150348	9.242422	.0811312	3.965521

#1	.0195592	.0814548	.1922761	.0129610	.1983764	.0847210
#2	.0191265	.0823442	.1901314	.0126745	.1981866	.0916056
#3	.0189682	.0798216	.1879027	.0108849	.1980567	.0872338

Elem	Sr4077
Units	ppm
Avg	.1956932
Stddev	.0007780
%RSD	.3975737

#1	.1957711
#2	.1948791
#3	.1964293

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.271	2488.194	49483.51	4545.267	3778.211
Stddev	35.837	6.402	386.02	30.531	7.779
%RSD	1.584819	.2573091	.7800955	.6717146	.2059009

#1	2267.443	2480.950	49560.18	4521.330	3774.971
#2	2293.621	2493.094	49825.44	4579.650	3787.086
#3	2222.749	2490.537	49064.91	4534.820	3772.574

Sample Name: J5867-09 Acquired: 11/12/2018 15:30:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514585	.0032384	.2354999	-.009836	.0060019	112.7711	1.358899
Stddev	.0007565	.0004281	.0010535	.000738	.0019435	.9319	.002834
%RSD	1.470115	13.21886	.4473266	7.508127	32.38194	.8263535	.2085178

#1	.0513097	.0033010	.2354206	-.009434	.0076955	111.7274	1.355983
#2	.0507874	.0036317	.2344883	-.010688	.0038799	113.5197	1.361642
#3	.0522783	.0027825	.2365907	-.009385	.0064303	113.0661	1.359071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075502	.0048196	62.26701	.1123983	.0848046	.1760470	132.8161
Stddev	.0000518	.0001186	.81940	.0006088	.0007881	.0010589	1.6416
%RSD	.6858067	2.459868	1.315940	.5416343	.9293345	.6015029	1.235991

#1	.0075737	.0048642	61.32825	.1116953	.0841105	.1767668	130.9311
#2	.0074908	.0046852	62.83863	.1127504	.0846418	.1748311	133.9312
#3	.0075860	.0049094	62.63415	.1127492	.0856613	.1765432	133.5861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.433777	39.03318	.1347265	.0027838	1.092719	.1823427	.4917024
Stddev	.087853	.45212	.0005602	.0005031	.236766	.0063993	.0131394
%RSD	1.616788	1.158298	.4158390	18.07416	21.66763	3.509464	2.672232

#1	5.335857	38.51202	.1340858	.0023549	1.071447	.1749873	.4868188
#2	5.505689	39.32032	.1349700	.0033377	.867307	.1854086	.4817039
#3	5.459786	39.26721	.1351239	.0026589	1.339404	.1866322	.5065843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.28518	3.182150	.0566630	.0019752	.8629435	4.581847	.0047568
Stddev	.18741	.003637	.0018461	.0002768	.0020944	.120730	.0003586
%RSD	.5990425	.1142915	3.258034	14.01580	.2426988	2.634970	7.539312

#1	31.07304	3.179590	.0551784	.0022855	.8652195	4.482806	.0045331
#2	31.35424	3.180547	.0587301	.0018865	.8625135	4.546402	.0051705
#3	31.42826	3.186313	.0560805	.0017536	.8610976	4.716332	.0045668

Sample Name: J5867-09 Acquired: 11/12/2018 15:30:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0078 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.596967	.1176884	.3029126
Stddev	.014481	.0006285	.0006036
%RSD	.9068046	.5339950	.1992775

#1	1.580620	.1172513	.3032593
#2	1.608189	.1184086	.3022156
#3	1.602092	.1174053	.3032630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.180	2766.290	55710.83	5248.242	3531.242
Stddev	14.414	2.407	23.51	31.080	4.206
%RSD	.5825679	.0870051	.0422055	.5921890	.1191090

#1	2459.116	2769.056	55710.24	5277.027	3535.232
#2	2487.841	2765.139	55734.63	5252.411	3531.645
#3	2475.583	2764.675	55687.61	5215.289	3526.849

Sample Name: J5867-10 Acquired: 11/12/2018 15:34:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0103 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599026	.0034162	.3140710	-.014109	.0069661	113.5220	1.620276
Stddev	.0049581	.0023899	.0007623	.001788	.0017222	.2657	.004165
%RSD	8.276931	69.95683	.2427152	12.67368	24.72286	.2340689	.2570473

#1	.0569973	.0061692	.3132449	-.015070	.0068261	113.7199	1.625022
#2	.0570829	.0022051	.3142207	-.012046	.0087541	113.6261	1.617230
#3	.0656275	.0018743	.3147473	-.015212	.0053182	113.2200	1.618577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077405	.0048333	131.4128	.1173846	.0805750	.1482915	129.5775
Stddev	.0000403	.0000192	.7836	.0003575	.0003004	.0034391	.6664
%RSD	.5203578	.3977073	.5962769	.3045209	.3728158	2.319121	.5143250

#1	.0077654	.0048338	131.9058	.1173990	.0807524	.1512276	129.6166
#2	.0077621	.0048522	131.8234	.1170201	.0802282	.1491391	130.2235
#3	.0076940	.0048138	130.5093	.1177346	.0807445	.1445080	128.8923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780772	40.02464	.1421366	.0035301	1.170183	.1793935	.5228194
Stddev	.030575	.32502	.0002075	.0006045	.195346	.0070614	.0148778
%RSD	.6395320	.8120438	.1460113	17.12356	16.69360	3.936251	2.845690

#1	4.789786	39.87438	.1419183	.0032097	1.351713	.1846273	.5056902
#2	4.805827	40.39760	.1421603	.0042273	.963465	.1821912	.5302474
#3	4.746704	39.80194	.1423313	.0031532	1.195372	.1713619	.5325206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.81877	2.791073	.0555059	.0018783	1.022556	3.973012	.0035485
Stddev	.10160	.003214	.0041242	.0001749	.002824	.041002	.0008626
%RSD	.3652078	.1151677	7.430142	9.311006	.2762168	1.032008	24.30990

#1	27.93518	2.788762	.0508543	.0020607	1.019401	4.017468	.0037655
#2	27.77317	2.789714	.0587152	.0018619	1.024849	3.964888	.0042819
#3	27.74797	2.794744	.0569481	.0017121	1.023419	3.936681	.0025981

Sample Name: J5867-10 Acquired: 11/12/2018 15:34:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0103 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.253223	.1216609	.3584841
Stddev	.001943	.0009505	.0010391
%RSD	.1550062	.7812534	.2898554

#1	1.254586	.1215326	.3595850
#2	1.254084	.1207812	.3583468
#3	1.250999	.1226691	.3575205

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.710	2710.775	54736.51	5170.568	3449.406
Stddev	9.845	7.244	184.12	60.743	7.260
%RSD	.4036821	.2672431	.3363751	1.174791	.2104636

#1	2435.001	2703.744	54525.82	5103.507	3441.030
#2	2449.870	2710.364	54866.45	5186.297	3453.305
#3	2431.259	2718.216	54817.27	5221.900	3453.883

Sample Name: J5867-11 Acquired: 11/12/2018 15:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541484	.0044560	.1668913	-.011283	.0067906	111.2912	1.782625
Stddev	.0023416	.0016610	.0025410	.000624	.0010311	.2841	.005770
%RSD	4.324441	37.27474	1.522520	5.532078	15.18356	.2552958	.3236790

#1	.0568522	.0056407	.1649593	-.011994	.0078522	111.4491	1.789166
#2	.0527933	.0025574	.1697696	-.010826	.0057931	110.9632	1.778255
#3	.0527996	.0051699	.1659450	-.011030	.0067266	111.4613	1.780455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077914	.0030457	64.99782	.1149264	.0868269	.1336507	126.8074
Stddev	.0001098	.0000644	.27095	.0001148	.0003254	.0016934	1.0481
%RSD	1.409443	2.113463	.4168555	.0998643	.3747844	1.267015	.8265490

#1	.0078629	.0029826	64.85804	.1147948	.0867015	.1336974	126.0147
#2	.0078464	.0031112	64.82530	.1150058	.0871964	.1319345	126.4117
#3	.0076650	.0030432	65.31011	.1149787	.0865829	.1353203	127.9957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.486011	35.27607	.1418185	.0019311	.8552742	.1790787	.3792865
Stddev	.044375	.17898	.0007860	.0004526	.2855324	.0056816	.0073631
%RSD	.8088745	.5073662	.5542119	23.43569	33.38490	3.172695	1.941302

#1	5.466270	35.14392	.1410771	.0024532	.7090588	.1780387	.3756945
#2	5.454932	35.20455	.1417360	.0016497	1.184301	.1739888	.3744089
#3	5.536831	35.47975	.1426425	.0016906	.672463	.1852084	.3877563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.48415	2.070731	.0469596	.0016292	.7292333	3.080468	.0028704
Stddev	.05981	.004053	.0050036	.0004404	.0040286	.028864	.0008736
%RSD	.2546873	.1957426	10.65505	27.03249	.5524385	.9370129	30.43534

#1	23.49951	2.069292	.0420637	.0017192	.7249664	3.104043	.0019364
#2	23.41816	2.067594	.0467509	.0020178	.7297622	3.089085	.0030073
#3	23.53479	2.075308	.0520643	.0011508	.7329713	3.048277	.0036675

Sample Name: J5867-11 Acquired: 11/12/2018 15:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0104 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.167220	.1141682	.3112374
Stddev	.001291	.0023058	.0013258
%RSD	.1105834	2.019611	.4259817

#1	1.167845	.1123905	.3127201
#2	1.165736	.1167736	.3108258
#3	1.168080	.1133407	.3101661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.323	2733.806	54856.28	5172.426	3502.601
Stddev	19.156	2.518	345.96	35.243	1.681
%RSD	.7824195	.0920996	.6306640	.6813679	.0479925

#1	2426.379	2736.579	54489.78	5132.087	3504.199
#2	2456.885	2731.662	54901.89	5187.940	3500.848
#3	2461.705	2733.178	55177.17	5197.251	3502.758

Sample Name: J5867-12 Acquired: 11/12/2018 15:42:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526607	.0042672	.2334964	-.011793	.0064813	120.2497	1.538718
Stddev	.0022185	.0020775	.0004943	.002266	.0008945	.2447	.001900
%RSD	4.212744	48.68472	.2117065	19.21428	13.80139	.2035047	.1235073

#1	.0550204	.0047084	.2329309	-.011874	.0072035	120.4902	1.538923
#2	.0506175	.0060886	.2338463	-.009487	.0067598	120.2579	1.540508
#3	.0523443	.0020046	.2337120	-.014017	.0054807	120.0010	1.536723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081479	.0038272	48.33359	.1240985	.0827844	.1495950	136.4085
Stddev	.0000553	.0000841	.31743	.0006770	.0001519	.0062907	.8738
%RSD	.6793608	2.198783	.6567491	.5455601	.1834561	4.205173	.6406014

#1	.0081136	.0038301	48.70005	.1236667	.0828644	.1535646	137.1640
#2	.0082118	.0037417	48.14396	.1237499	.0828795	.1528785	136.6100
#3	.0081184	.0039099	48.15675	.1248788	.0826092	.1423419	135.4515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.464279	37.69178	.1409311	.0029929	1.138249	.1797922	.4707346
Stddev	.028616	.02762	.0004189	.0003128	.061549	.0019917	.0099859
%RSD	.6410055	.0732912	.2972240	10.45080	5.407367	1.107750	2.121336

#1	4.494991	37.72136	.1410231	.0029810	1.179661	.1815932	.4796592
#2	4.459482	37.66665	.1404739	.0033115	1.067522	.1801302	.4599492
#3	4.438365	37.68734	.1412964	.0026863	1.167563	.1776532	.4725952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.06181	2.022337	.0541078	.0014484	.7501339	3.157085	.0044430
Stddev	.06500	.008310	.0040385	.0004386	.0026671	.034417	.0009386
%RSD	.2494098	.4109284	7.463838	30.28313	.3555450	1.090157	21.12407

#1	26.13529	2.030480	.0587264	.0013203	.7496442	3.141625	.0040395
#2	26.01180	2.022663	.0523561	.0019368	.7477456	3.196521	.0055159
#3	26.03835	2.013869	.0512409	.0010881	.7530119	3.133109	.0037737

Sample Name: J5867-12 Acquired: 11/12/2018 15:42:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0129 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.108835	.1146247	.3001413
Stddev	.007451	.0008652	.0004665
%RSD	.6719287	.7548138	.1554437

#1	1.117429	.1137383	.2996445
#2	1.104888	.1154670	.3002093
#3	1.104189	.1146688	.3005701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.200	2737.444	54778.00	5150.479	3499.490
Stddev	19.806	2.841	298.27	19.158	2.082
%RSD	.8050538	.1037662	.5445097	.3719664	.0594962

#1	2438.700	2734.344	54434.70	5131.412	3497.097
#2	2477.701	2738.064	54925.73	5150.299	3500.885
#3	2464.200	2739.923	54973.59	5169.727	3500.488

Sample Name: J5867-13 Acquired: 11/12/2018 15:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562882	.0042977	.2244539	-.009244	.0057226	128.0601	1.715101
Stddev	.0034866	.0024456	.0010370	.002306	.0002714	.3133	.003779
%RSD	6.194125	56.90480	.4619898	24.94607	4.741858	.2446851	.2203360

#1	.0594830	.0017271	.2233162	-.008087	.0059826	127.9784	1.715461
#2	.0525692	.0065954	.2253460	-.007746	.0054412	128.4062	1.718687
#3	.0568123	.0045705	.2246995	-.011900	.0057440	127.7956	1.711154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082549	.0034975	53.54829	.1298559	.0945143	.1554096	143.4480
Stddev	.0001136	.0001333	.25647	.0005579	.0003796	.0019709	.5705
%RSD	1.376582	3.812542	.4789595	.4296597	.4016674	1.268221	.3977055

#1	.0083818	.0033553	53.38595	.1292305	.0940770	.1568441	142.8667
#2	.0081626	.0036198	53.84396	.1303025	.0947593	.1562225	144.0071
#3	.0082203	.0035173	53.41494	.1300348	.0947067	.1531623	143.4702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.361098	38.62224	.1506678	.0034441	1.280266	.1898513	.4721606
Stddev	.036834	.20374	.0009064	.0002613	.251685	.0035603	.0243215
%RSD	.6870526	.5275305	.6015684	7.588375	19.65877	1.875332	5.151098

#1	5.344226	38.39172	.1501719	.0033643	1.368535	.1897499	.4452216
#2	5.403345	38.69680	.1501176	.0032319	.996337	.1934612	.4925040
#3	5.335723	38.77820	.1517139	.0037360	1.475927	.1863427	.4787563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.96011	2.186546	.0582639	.0017856	.7730804	3.780853	.0055908
Stddev	.12071	.006581	.0033357	.0000992	.0007002	.030078	.0009886
%RSD	.4029021	.3009552	5.725136	5.557857	.0905771	.7955268	17.68353

#1	29.98537	2.179014	.0612371	.0018157	.7729714	3.746810	.0044526
#2	29.82877	2.191179	.0588978	.0018662	.7738287	3.791916	.0060832
#3	30.06619	2.189446	.0546567	.0016747	.7724410	3.803832	.0062366

Sample Name: J5867-13 Acquired: 11/12/2018 15:46:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0130 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.398637	.1222673	.2897090
Stddev	.007098	.0013625	.0012813
%RSD	.5075227	1.114350	.4422845

#1	1.397825	.1212513	.2902739
#2	1.406106	.1238156	.2882423
#3	1.391979	.1217351	.2906109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.720	2725.334	54811.39	5157.122	3465.870
Stddev	22.374	8.956	270.26	33.128	9.465
%RSD	.9114564	.3286214	.4930668	.6423723	.2730895

#1	2429.070	2715.227	54501.95	5136.097	3459.068
#2	2470.217	2732.283	54931.15	5195.310	3461.862
#3	2464.874	2728.492	55001.07	5139.960	3476.680

Sample Name: J5867-14 Acquired: 11/12/2018 15:50:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0155 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0657992	.0047867	.5732426	-.009944	.0078982	116.5318	1.500097
Stddev	.0018780	.0019301	.0011355	.003051	.0010694	.1726	.002205
%RSD	2.854155	40.32212	.1980807	30.68390	13.53961	.1480831	.1469765

#1	.0648718	.0047185	.5728487	-.006451	.0070869	116.5327	1.502407
#2	.0645653	.0067500	.5723566	-.011294	.0091100	116.3587	1.498015
#3	.0679605	.0028916	.5745226	-.012087	.0074976	116.7038	1.499869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075984	.0075105	37.05747	.1167976	.0924563	.2160125	132.6631
Stddev	.0000469	.0000830	.12034	.0010507	.0005397	.0043515	.8036
%RSD	.6172656	1.104642	.3247376	.8995532	.5837196	2.014473	.6057205

#1	.0076499	.0074170	37.13366	.1179287	.0924245	.2109880	133.0199
#2	.0075870	.0075392	36.91874	.1166121	.0919333	.2185668	131.7429
#3	.0075581	.0075753	37.12001	.1158521	.0930112	.2184827	133.2265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.683281	32.69302	.1283165	.0061380	1.147901	.1886039	.6507488
Stddev	.031817	.13051	.0008500	.0002048	.204402	.0031479	.0197417
%RSD	.5598369	.3992014	.6624634	3.335947	17.80663	1.669037	3.033691

#1	5.699714	32.82154	.1279564	.0062880	.917032	.1908261	.6301881
#2	5.646608	32.69690	.1277058	.0059047	1.220846	.1899838	.6525041
#3	5.703522	32.56061	.1292874	.0062213	1.305823	.1850017	.6695543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.30486	2.256660	.0538300	.0025389	.8882167	3.998761	.0057952
Stddev	.08038	.003487	.0023019	.0002497	.0023902	.033251	.0014695
%RSD	.2742894	.1545309	4.276247	9.833401	.2690998	.8315213	25.35761

#1	29.31794	2.254253	.0538203	.0024873	.8856342	3.963252	.0070365
#2	29.21874	2.260659	.0515330	.0023190	.8903512	4.003870	.0041726
#3	29.37789	2.255068	.0561368	.0028103	.8886648	4.029162	.0061766

Sample Name: J5867-14 Acquired: 11/12/2018 15:50:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0155 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.781385	.1087661	.3173029
Stddev	.001782	.0015616	.0008155
%RSD	.1000203	1.435751	.2570240

#1	1.782805	.1077630	.3167994
#2	1.781965	.1079700	.3168655
#3	1.779386	.1105653	.3182439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.520	2763.218	55727.93	5195.923	3501.560
Stddev	21.834	8.624	193.92	16.543	3.462
%RSD	.8756146	.3120952	.3479787	.3183753	.0988773

#1	2510.146	2754.240	55631.50	5214.694	3497.602
#2	2501.620	2763.976	55951.17	5183.473	3504.027
#3	2468.794	2771.438	55601.13	5189.603	3503.052

Sample Name: J5867-15 Acquired: 11/12/2018 15:54:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0156 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392732	.0024485	.1620463	-.009266	.0051827	129.4971	1.469388
Stddev	.0057929	.0036652	.0007114	.000298	.0003441	.4853	.004743
%RSD	14.75038	149.6918	.4390183	3.215164	6.638984	.3747584	.3228083

#1	.0444810	.0059569	.1622227	-.009113	.0047881	129.2252	1.470266
#2	.0403048	-.001356	.1626528	-.009609	.0054199	129.2087	1.464267
#3	.0330337	.002744	.1612632	-.009075	.0053401	130.0574	1.473631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080965	.0042978	30.80120	.1268970	.0978689	.1723607	141.8216
Stddev	.0001432	.0000551	.30694	.0004810	.0003236	.0001554	1.2759
%RSD	1.769005	1.282291	.9965349	.3790660	.3306548	.0901581	.8996773

#1	.0081053	.0043024	30.53386	.1273035	.0975006	.1722506	141.0569
#2	.0079491	.0043504	30.73335	.1270216	.0979982	.1722930	141.1133
#3	.0082352	.0042405	31.13640	.1263659	.0981078	.1725384	143.2945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.654672	33.02867	.1369168	.0027833	1.277588	.2055731	.4272783
Stddev	.047361	.17674	.0005787	.0002520	.367279	.0014706	.0132279
%RSD	.8375494	.5351110	.4226583	9.055068	28.74787	.7153604	3.095844

#1	5.603993	32.91196	.1372988	.0030708	1.672154	.2058959	.4175254
#2	5.662215	32.94203	.1372006	.0026005	.945649	.2039679	.4423350
#3	5.697808	33.23201	.1362510	.0026786	1.214961	.2068555	.4219746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.32664	1.796844	.0533574	.0017351	.6511301	4.306579	.0066499
Stddev	.11800	.006405	.0019856	.0000884	.0042701	.047032	.0008336
%RSD	.4318202	.3564553	3.721391	5.093675	.6557930	1.092085	12.53510

#1	27.20000	1.789555	.0514375	.0018031	.6478912	4.278778	.0061963
#2	27.34642	1.801575	.0532318	.0016352	.6559691	4.280078	.0076119
#3	27.43351	1.799402	.0554028	.0017670	.6495300	4.360881	.0061415

Sample Name: J5867-15 Acquired: 11/12/2018 15:54:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0156 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.180496	.1254211	.3156805
Stddev	.004078	.0010111	.0008843
%RSD	.1870433	.8061739	.2801184

#1	2.176063	.1263527	.3149907
#2	2.181336	.1243459	.3153733
#3	2.184090	.1255648	.3166774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.744	2778.395	55832.75	5235.157	3483.947
Stddev	15.295	6.267	301.64	16.453	7.664
%RSD	.6153167	.2255508	.5402617	.3142710	.2199854

#1	2478.202	2782.655	55576.19	5247.669	3491.418
#2	2475.684	2771.199	55757.01	5241.280	3476.104
#3	2503.345	2781.330	56165.04	5216.520	3484.321

Sample Name: J5867-16 Acquired: 11/12/2018 15:58:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0181 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532886	.0035110	.2228086	-.010178	.0064161	124.1884	1.522523
Stddev	.0018965	.0019542	.0009546	.003260	.0012743	.8251	.007538
%RSD	3.558906	55.66133	.4284307	32.03406	19.86132	.6644137	.4950871

#1	.0518839	.0015169	.2230128	-.011777	.0077040	123.2421	1.514321
#2	.0554458	.0054228	.2217684	-.012330	.0063884	124.7575	1.529147
#3	.0525360	.0035931	.2236446	-.006427	.0051558	124.5655	1.524100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081584	.0048883	33.63579	.1275082	.1001422	.1905243	143.6609
Stddev	.0001221	.0001059	.25456	.0008325	.0007112	.0022396	.9113
%RSD	1.496441	2.166263	.7568080	.6528979	.7102139	1.175477	.6343281

#1	.0080412	.0049566	33.34739	.1271151	.0998238	.1880861	142.6087
#2	.0082849	.0047663	33.82916	.1284645	.1009570	.1909972	144.1941
#3	.0081492	.0049419	33.73083	.1269450	.0996459	.1924897	144.1799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.696456	33.91407	.1460861	.0030483	1.117777	.2019254	.4847127
Stddev	.056855	.28148	.0001418	.0000795	.051363	.0033689	.0116984
%RSD	.9980839	.8299911	.0970537	2.608528	4.595136	1.668409	2.413460

#1	5.633379	33.61757	.1462438	.0029979	1.140589	.2013097	.4868758
#2	5.743758	34.17764	.1460451	.0030071	1.058959	.2055597	.4951785
#3	5.712231	33.94701	.1459693	.0031400	1.153783	.1989067	.4720838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.41542	1.955740	.0543302	.0019810	.8512059	3.399870	.0059320
Stddev	.22859	.006153	.0038666	.0001091	.0002489	.061260	.0003488
%RSD	.7051840	.3146093	7.116855	5.506038	.0292371	1.801828	5.880196

#1	32.22801	1.951613	.0512904	.0020109	.8514500	3.383922	.0060862
#2	32.67009	1.952795	.0530180	.0020721	.8509525	3.467527	.0055326
#3	32.34815	1.962812	.0586821	.0018602	.8512151	3.348162	.0061771

Sample Name: J5867-16 Acquired: 11/12/2018 15:58:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0181 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.587006	.1176577	.3221317
Stddev	.013309	.0016137	.0003471
%RSD	.8385971	1.371551	.1077526

#1	1.572914	.1183539	.3224763
#2	1.599360	.1158127	.3221367
#3	1.588745	.1188064	.3217821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.547	2796.346	56017.07	5282.702	3488.493
Stddev	3.406	12.226	111.08	34.282	9.605
%RSD	.1356185	.4372225	.1982977	.6489438	.2753304

#1	2507.756	2782.843	56074.90	5299.611	3477.488
#2	2512.532	2806.667	55889.00	5243.250	3495.189
#3	2514.351	2799.527	56087.30	5305.244	3492.801

Sample Name: J5867-17 Acquired: 11/12/2018 16:02:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493514	.0046659	.1759774	-.009165	.0053619	128.6956	1.658924
Stddev	.0022694	.0037998	.0032950	.001692	.0028761	.5696	.003916
%RSD	4.598408	81.43780	1.872429	18.46153	53.64004	.4425692	.2360537

#1	.0511153	.0026990	.1795955	-.011034	.0051330	128.3083	1.659554
#2	.0501477	.0090460	.1731489	-.008724	.0026071	128.4289	1.654731
#3	.0467912	.0022527	.1751877	-.007737	.0083457	129.3496	1.662486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084032	.0053450	34.94244	.1290809	.1093379	.1946810	147.8381
Stddev	.0000912	.0003336	.17956	.0004198	.0020634	.0013391	.9658
%RSD	1.085823	6.241811	.5138688	.3252246	1.887209	.6878463	.6532625

#1	.0084848	.0057233	34.81240	.1295331	.1117103	.1950574	147.5381
#2	.0084200	.0050930	34.86761	.1290061	.1083429	.1957915	147.0579
#3	.0083047	.0052187	35.14731	.1287036	.1079605	.1931939	148.9182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.757019	34.25346	.1523012	.0022613	1.454738	.2100201	.4645929
Stddev	.045578	.36134	.0033096	.0004478	.039855	.0054309	.0078246
%RSD	.6745312	1.054899	2.173087	19.80256	2.739697	2.585910	1.684191

#1	6.748350	34.04118	.1561222	.0025810	1.461775	.2110267	.4599637
#2	6.716398	34.04853	.1503335	.0017495	1.490606	.2041562	.4736271
#3	6.806309	34.67068	.1504477	.0024534	1.411833	.2148772	.4601880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.49207	2.220584	.0579619	.0021267	.7743995	4.537723	.0070738
Stddev	.08599	.050420	.0032718	.0001062	.0162939	.058898	.0005757
%RSD	.2493085	2.270568	5.644814	4.991964	2.104073	1.297957	8.137837

#1	34.57093	2.278415	.0544942	.0020518	.7923138	4.517041	.0071604
#2	34.40039	2.185853	.0583974	.0022482	.7704222	4.604172	.0076013
#3	34.50489	2.197485	.0609943	.0020802	.7604624	4.491955	.0064598

Sample Name: J5867-17 Acquired: 11/12/2018 16:02:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0182 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.050874	.1263179	.3188983
Stddev	.001186	.0018720	.0015152
%RSD	.0578446	1.481987	.4751337

#1	2.049530	.1260688	.3195684
#2	2.051773	.1245828	.3171636
#3	2.051320	.1283020	.3199630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.686	2785.607	56087.20	5235.635	3444.731
Stddev	5.662	47.561	35.14	18.931	73.736
%RSD	.2254101	1.707395	.0626591	.3615717	2.140552

#1	2516.518	2731.008	56127.75	5215.266	3359.682
#2	2505.456	2818.030	56065.50	5252.690	3490.727
#3	2513.082	2807.783	56068.35	5238.950	3483.785

Sample Name: J5867-18 Acquired: 11/12/2018 16:06:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0207 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427753	.0009813	.2938045	-.013221	.0049307	122.2384	1.423445
Stddev	.0019039	.0011232	.0019642	.004234	.0009928	.5143	.003287
%RSD	4.450965	114.4666	.6685346	32.02615	20.13544	.4207005	.2308951

#1	.0409566	.0005600	.2932709	-.018110	.0052055	122.6299	1.427033
#2	.0426151	.0022543	.2959804	-.010695	.0057572	121.6560	1.420581
#3	.0447543	.0001296	.2921623	-.010859	.0038294	122.4293	1.422720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082064	.0052324	34.56136	.1187548	.0904819	.2120287	131.3142
Stddev	.0000616	.0001702	.22418	.0006373	.0002288	.0037348	1.0801
%RSD	.7508520	3.253752	.6486530	.5366418	.2528548	1.761456	.8225615

#1	.0082708	.0050701	34.71449	.1181110	.0906910	.2146544	132.1522
#2	.0082003	.0054097	34.30404	.1187681	.0905173	.2077531	130.0952
#3	.0081480	.0052176	34.66554	.1193854	.0902375	.2136787	131.6952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.482024	40.86297	.1380014	.0035566	2.018040	.1652158	.5501621
Stddev	.049431	.45194	.0011033	.0002394	.141918	.0030584	.0296834
%RSD	1.102882	1.105984	.7994527	6.732013	7.032450	1.851135	5.395385

#1	4.518057	41.08194	.1392535	.0035717	2.175988	.1683977	.5159872
#2	4.425671	40.34326	.1371718	.0033100	1.976884	.1622981	.5695213
#3	4.502343	41.16372	.1375790	.0037882	1.901250	.1649518	.5649778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.94682	2.265227	.0472639	.0017553	.7625359	4.058546	.0061463
Stddev	.05146	.002156	.0032375	.0001738	.0082134	.016164	.0015717
%RSD	.1777840	.0951811	6.849913	9.900810	1.077113	.3982817	25.57093

#1	28.98753	2.267656	.0507998	.0017635	.7690685	4.076927	.0079570
#2	28.88898	2.263540	.0465469	.0015775	.7533153	4.052161	.0053469
#3	28.96396	2.264484	.0444449	.0019248	.7652238	4.046548	.0051350

Sample Name: J5867-18 Acquired: 11/12/2018 16:06:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0207 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.302872	.1216128	.4009863
Stddev	.005489	.0025214	.0014437
%RSD	.4212709	2.073288	.3600286

#1	1.306201	.1188618	.3995550
#2	1.296537	.1221629	.4009617
#3	1.305877	.1238137	.4024420

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.192	2826.100	56915.53	5339.643	3488.665
Stddev	12.126	6.644	102.73	37.494	9.994
%RSD	.4752947	.2350879	.1804981	.7021782	.2864624

#1	2540.959	2822.191	56959.49	5304.877	3480.510
#2	2548.033	2833.771	56798.13	5379.371	3499.813
#3	2564.585	2822.338	56988.97	5334.681	3485.672

Sample Name: J5867-19 Acquired: 11/12/2018 16:10:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0208 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359423	.0032963	.2012524	-.011126	.0043360	140.4033	1.324781
Stddev	.0044407	.0010072	.0013972	.001870	.0019285	.5107	.002004
%RSD	12.35510	30.55714	.6942520	16.80843	44.47626	.3637621	.1512704

#1	.0310010	.0027151	.2025572	-.012918	.0049429	140.0911	1.326931
#2	.0395994	.0027144	.1997782	-.009187	.0021771	140.1260	1.324447
#3	.0372265	.0044593	.2014218	-.011274	.0058881	140.9927	1.322965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095803	.0037992	36.50216	.1311176	.0946221	.1646129	145.7809
Stddev	.0000694	.0000536	.30968	.0006236	.0006994	.0038945	.6366
%RSD	.7239963	1.411780	.8483894	.4756092	.7391188	2.365864	.4366981

#1	.0095822	.0038331	36.40246	.1307444	.0938146	.1690746	145.1569
#2	.0095100	.0038271	36.25461	.1307710	.0950152	.1618950	145.7563
#3	.0096487	.0037373	36.84941	.1318375	.0950364	.1628691	146.4294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.661092	48.87313	.1485280	.0024688	2.260952	.1801158	.4615725
Stddev	.027050	.48051	.0010622	.0005110	.128583	.0059398	.0021075
%RSD	.5803289	.9831813	.7151347	20.69813	5.687107	3.297782	.4565947

#1	4.640993	48.38532	.1473702	.0018808	2.375540	.1746493	.4639689
#2	4.650436	48.88809	.1487563	.0028051	2.285425	.1864365	.4607411
#3	4.691846	49.34599	.1494574	.0027205	2.121892	.1792615	.4600075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.56933	1.881043	.0383984	.0014092	.5509130	3.030383	.0057604
Stddev	.03337	.004715	.0066873	.0001857	.0026485	.039112	.0002007
%RSD	.1304977	.2506841	17.41555	13.17661	.4807507	1.290649	3.484188

#1	25.53781	1.877047	.0391874	.0012074	.5538725	3.059414	.0055668
#2	25.56589	1.879838	.0446561	.0014471	.5501010	2.985908	.0059675
#3	25.60428	1.886244	.0313516	.0015729	.5487656	3.045828	.0057468

Sample Name: J5867-19 Acquired: 11/12/2018 16:10:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0208 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9643867	.1416735	.4588733
Stddev	.0013256	.0010489	.0008745
%RSD	.1374563	.7403669	.1905699

#1	.9637683	.1406732	.4583228
#2	.9634833	.1415822	.4598816
#3	.9659085	.1427650	.4584154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.822	2812.470	56765.91	5307.664	3460.995
Stddev	8.447	7.191	74.37	50.000	5.932
%RSD	.3325676	.2556917	.1310152	.9420246	.1713995

#1	2540.884	2804.803	56713.21	5295.741	3454.154
#2	2530.895	2819.065	56850.98	5362.547	3464.720
#3	2547.688	2813.543	56733.53	5264.704	3464.110

Sample Name: CCV094 Acquired: 11/12/2018 16:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098310	5.304737	26.33174	4.763395	5.065793	410.0702
Stddev	.009951	.007651	.03988	.006353	.011125	2.6722
%RSD	.1951745	.1442339	.1514467	.1333808	.2196148	.6516500

#1	5.096520	5.299640	26.29382	4.759313	5.057385	407.6903
#2	5.089376	5.301036	26.32809	4.760156	5.061585	412.9610
#3	5.109034	5.313535	26.37332	4.770715	5.078408	409.5592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44084	.5069860	2.573295	412.0277	15.55785	2.682255
Stddev	.06147	.0022641	.003541	3.2674	.04041	.005258
%RSD	.5887871	.4465831	.1376064	.7930013	.2597717	.1960310

#1	10.38923	.5047693	2.569277	410.0471	15.51180	2.676874
#2	10.50885	.5092947	2.575962	415.7989	15.58744	2.682512
#3	10.42445	.5068939	2.574645	410.2370	15.57430	2.687381

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.76965	410.7810	15.03030	405.3823	2.683422	1.292347
Stddev	.12430	3.2782	.15406	3.3333	.005399	.001320
%RSD	.7882129	.7980321	1.024982	.8222558	.2012143	.1021503

#1	15.63552	408.4875	14.91290	402.8130	2.677979	1.292245
#2	15.88095	414.5357	15.20475	409.1488	2.688777	1.291082
#3	15.79249	409.3199	14.97327	404.1850	2.683509	1.293716

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.3399	2.536143	15.16600	160.7997	F 2.807576	5.008514
Stddev	2.8552	.013372	.02375	.9512	.005828	.018748
%RSD	.7043917	.5272564	.1566055	.5915213	.2075666	.3743215

#1	402.7067	2.523309	15.18764	160.1542	2.800864	4.988174
#2	408.3746	2.535125	15.16978	161.8920	2.811347	5.025103
#3	404.9385	2.549995	15.14059	160.3528	2.810518	5.012266

Sample Name: CCV094 Acquired: 11/12/2018 16:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879941	F 2.449583	4.914840	5.315638	5.073425	5.242455
Stddev	.002609	.006982	.030956	.012418	.028850	.031251
%RSD	.0534646	.2850113	.6298558	.2336125	.5686527	.5961183

#1	4.881406	2.441524	4.881222	5.305618	5.048866	5.211360
#2	4.881487	2.453459	4.942169	5.329531	5.105197	5.273860
#3	4.876928	2.453768	4.921130	5.311765	5.066210	5.242145

Elem	Sr4077
Units	ppm
Avg	5.101868
Stddev	.018029
%RSD	.3533874

#1	5.100131
#2	5.120702
#3	5.084769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.055	2067.501	45881.25	4245.641	2924.089
Stddev	18.468	.682	227.71	25.076	2.817
%RSD	.9485257	.0329875	.4963131	.5906408	.0963234

#1	1927.273	2067.078	45637.31	4238.471	2925.642
#2	1950.050	2067.139	45918.21	4224.930	2920.838
#3	1963.843	2068.288	46088.22	4273.521	2925.788

Sample Name: CCB094 Acquired: 11/12/2018 16:18:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment: C

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001672	-.000895	.0016458	.0004134	.0008569	-.001392	-.001396
Stddev	.001103	.002293	.0009934	.0002311	.0008049	.006723	.000559
%RSD	66.00308	256.2244	60.35825	55.90337	93.93630	483.0648	40.03239

#1	-.000518	-.003356	.0017562	.0005431	.0017712	-.006783	-.000941
#2	-.001780	-.000509	.0006018	.0001466	.0002551	-.003533	-.001227
#3	-.002716	.001181	.0025793	.0005506	.0005443	.006141	-.002020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000390	.0000396	.0099008	-.000078	.0000204	.0020945	-.000083
Stddev	.0000067	.0000572	.0059830	.000134	.0001457	.0013875	.004943
%RSD	17.09372	144.4957	60.42954	171.5659	712.6173	66.24764	5959.768

#1	.0000330	-.000021	.0158395	-.000134	-.000139	.0035136	-.001401
#2	.0000378	.000046	.0038745	-.000175	.000055	.0007409	-.004234
#3	.0000462	.000093	.0099884	.000075	.000146	.0020288	.005386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011692	.0046767	-.000261	.0007190	-.015884	.0015321	-.001407
Stddev	.0006184	.0574814	.000129	.0000903	.156824	.0065019	.012344
%RSD	52.88604	1229.094	49.37741	12.55713	987.2994	424.3763	877.4221

#1	.0018426	-.052758	-.000189	.0006760	-.184810	-.003057	-.004416
#2	.0006270	.004583	-.000184	.0006582	.012085	-.001319	.012164
#3	.0010380	.062205	-.000410	.0008227	.125073	.008973	-.011968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1426282	-.000345	.0062947	.0002673	.0015558	.0005501	-.001363
Stddev	.0246673	.000373	.0005653	.0000441	.0009014	.0013226	.000978
%RSD	17.29480	108.1194	8.980030	16.49163	57.93909	240.4191	71.76017

#1	.1482754	-.000776	.0068173	.0003116	.0025857	-.000887	-.002320
#2	.1156270	-.000146	.0056948	.0002668	.0011712	.000821	-.001402
#3	.1639821	-.000113	.0063721	.0002234	.0009104	.001717	-.000366

Sample Name: CCB094 Acquired: 11/12/2018 16:18:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment: C

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000295	-.005536	-.000134
Stddev	.000363	.001260	.000031
%RSD	122.7713	22.75121	22.89133

#1	-.000635	-.004799	-.000113
#2	.000086	-.006991	-.000169
#3	-.000337	-.004820	-.000121

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.528	2446.947	48068.44	4455.737	3664.515
Stddev	7.923	7.217	104.81	11.082	12.673
%RSD	.3615413	.2949245	.2180492	.2487028	.3458427

#1	2191.498	2439.075	48127.55	4466.710	3649.885
#2	2183.619	2453.250	48130.34	4455.950	3671.532
#3	2199.466	2448.516	47947.42	4444.550	3672.127

Sample Name: J5867-20 Acquired: 11/12/2018 16:22:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0398 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715542	.0041234	.6037616	-.017164	.0091288	153.7925	2.013065
Stddev	.0049683	.0017787	.0008877	.001724	.0018382	1.1164	.006473
%RSD	6.943434	43.13660	.1470269	10.04615	20.13664	.7259437	.3215707

#1	.0758283	.0021413	.6046423	-.015535	.0111475	153.5144	2.011299
#2	.0727311	.0055805	.6037755	-.018970	.0086874	155.0217	2.020238
#3	.0661031	.0046484	.6028670	-.016988	.0075514	152.8413	2.007658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108903	.0070181	48.30374	.1588220	.1349366	.2004578	192.5816
Stddev	.0001194	.0001471	.75344	.0008339	.0002609	.0022535	2.6753
%RSD	1.096772	2.096153	1.559799	.5250585	.1933740	1.124160	1.389198

#1	.0107543	.0070950	48.42968	.1578591	.1352201	.1979041	192.4592
#2	.0109382	.0068485	48.98627	.1593068	.1347065	.2013018	195.3161
#3	.0109783	.0071108	47.49526	.1593000	.1348831	.2021674	189.9696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.910804	39.82617	.1866609	.0051595	2.081387	.3433276	.9164373
Stddev	.119680	.50493	.0011009	.0001921	.214559	.0050470	.0172569
%RSD	1.731776	1.267845	.5897979	3.723225	10.30845	1.470023	1.883043

#1	6.903541	39.72451	.1855506	.0049762	2.087541	.3397591	.9221312
#2	7.033950	40.37419	.1866798	.0051428	1.863818	.3491020	.9301278
#3	6.794921	39.37979	.1877523	.0053593	2.292803	.3411217	.8970530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.86848	4.624805	.0548298	.0026143	.8476112	4.402851	.0087182
Stddev	.09413	.023569	.0030533	.0000297	.0039889	.096507	.0014680
%RSD	.3638869	.5096306	5.568620	1.137701	.4706112	2.191912	16.83869

#1	25.89494	4.611383	.0577947	.0026138	.8431847	4.291498	.0075315
#2	25.94656	4.611012	.0549993	.0025848	.8487216	4.454780	.0103598
#3	25.76395	4.652020	.0516953	.0026443	.8509273	4.462273	.0082632

Sample Name: J5867-20 Acquired: 11/12/2018 16:22:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0398 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.999778	.1671139	.4562822
Stddev	.028015	.0022707	.0008450
%RSD	.9339052	1.358753	.1851933

#1	2.990801	.1649553	.4570662
#2	3.031181	.1694821	.4553872
#3	2.977351	.1669043	.4563931

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.642	2891.583	58720.13	5475.071	3473.894
Stddev	20.210	9.617	456.87	23.256	10.050
%RSD	.7726534	.3326019	.7780492	.4247575	.2892929

#1	2592.313	2880.910	58202.39	5455.199	3464.129
#2	2627.815	2894.263	58891.29	5469.366	3473.347
#3	2626.797	2899.576	59066.71	5500.649	3484.207

Sample Name: J5867-21 Acquired: 11/12/2018 16:26:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0398D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735907	.0030407	.5975135	-.012977	.0096407	140.9786	1.977143
Stddev	.0016011	.0031999	.0015268	.001640	.0006656	.4111	.004864
%RSD	2.175660	105.2340	.2555268	12.63574	6.903944	.2916069	.2460088

#1	.0735153	.0049695	.5960154	-.011293	.0102326	141.3638	1.982635
#2	.0720286	.0048057	.5974577	-.014568	.0097693	140.5458	1.973380
#3	.0752281	-.000653	.5990675	-.013069	.0089202	141.0261	1.975415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104991	.0075453	46.88734	.1622898	.1324267	.2076968	186.4943
Stddev	.0000677	.0001762	.26821	.0004291	.0001824	.0051590	.4332
%RSD	.6446374	2.334551	.5720335	.2644225	.1377635	2.483922	.2322617

#1	.0105291	.0073589	46.83421	.1620624	.1322198	.2061703	186.4418
#2	.0104216	.0075679	46.64967	.1627848	.1325645	.2134469	186.0897
#3	.0105466	.0077090	47.17814	.1620223	.1324958	.2034734	186.9513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.108543	35.27207	.1831358	.0051597	1.733489	.3325296	.8839563
Stddev	.033612	.25745	.0008909	.0001754	.140432	.0010919	.0147096
%RSD	.4728441	.7298861	.4864505	3.400246	8.101145	.3283734	1.664059

#1	7.087186	35.25329	.1826283	.0052030	1.582637	.3336677	.8719155
#2	7.091156	35.02452	.1826146	.0053095	1.860432	.3314906	.8796019
#3	7.147288	35.53839	.1841644	.0049667	1.757399	.3324305	.9003515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.47505	4.774318	.0487985	.0027124	.9567048	5.021364	.0081177
Stddev	.06313	.014802	.0032799	.0000988	.0029381	.057014	.0017980
%RSD	.2297790	.3100269	6.721340	3.642874	.3071057	1.135421	22.14860

#1	27.47006	4.757319	.0479799	.0027520	.9592288	4.966528	.0070273
#2	27.41456	4.784354	.0460055	.0027854	.9574061	5.017234	.0071329
#3	27.54053	4.781280	.0524102	.0026000	.9534795	5.080330	.0101929

Sample Name: J5867-21 Acquired: 11/12/2018 16:26:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0398D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.684013	.1564523	.4274938
Stddev	.018604	.0005328	.0014717
%RSD	.6931596	.3405304	.3442591

#1	2.703239	.1560745	.4275183
#2	2.666099	.1562208	.4289530
#3	2.682700	.1570617	.4260100

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.678	2902.546	58791.45	5503.562	3499.022
Stddev	19.244	7.370	346.82	8.862	3.035
%RSD	.7340473	.2538999	.5899134	.1610235	.0867380

#1	2602.334	2894.038	58638.60	5511.535	3496.400
#2	2621.879	2906.950	58547.31	5494.020	3502.346
#3	2640.821	2906.649	59188.43	5505.130	3498.320

Sample Name: J5867-22 Acquired: 11/12/2018 16:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0398S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1357823	.1059571	.4965026	-.001944	.0692973	158.9408	5.899464
Stddev	.0008219	.0005015	.0043275	.000922	.0007230	.6457	.019824
%RSD	.6052847	.4732818	.8715946	47.44934	1.043315	.4062560	.3360334

#1	.1364966	.1055897	.4918748	-.001684	.0695892	159.5155	5.921606
#2	.1348841	.1065284	.4971842	-.002968	.0684740	159.0648	5.893423
#3	.1359663	.1057532	.5004489	-.001179	.0698287	158.2421	5.883363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896648	.1115335	47.92114	.5411731	1.242568	.6701397	204.9302
Stddev	.0008751	.0003260	.45596	.0003029	.003974	.0055091	1.2803
%RSD	.9759207	.2922662	.9514813	.0559611	.3198195	.8220783	.6247316

#1	.0904650	.1114117	48.18628	.5408316	1.238348	.6727880	205.8628
#2	.0897991	.1112859	48.18249	.5412786	1.243116	.6638065	205.4572
#3	.0887304	.1119028	47.39465	.5414090	1.246239	.6738244	203.4705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.856229	35.58629	1.303422	.0830931	1.971907	1.250787	1.643352
Stddev	.097136	.23051	.001632	.0002690	.171774	.016937	.021279
%RSD	1.096809	.6477532	.1251924	.3236786	8.711076	1.354130	1.294853

#1	8.910989	35.77670	1.301987	.0828531	1.784593	1.270280	1.621720
#2	8.913622	35.65216	1.303081	.0833838	2.009073	1.239672	1.664260
#3	8.744077	35.33001	1.305197	.0830425	2.122057	1.242408	1.644075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.20453	5.199034	.0569535	.0032575	.9851870	4.430775	.0126212
Stddev	.07879	.013750	.0012867	.0001808	.0046976	.084886	.0020135
%RSD	.2697860	.2644811	2.259241	5.548724	.4768203	1.915837	15.95296

#1	29.23634	5.185237	.0567141	.0031347	.9898522	4.421370	.0116739
#2	29.26245	5.199128	.0558033	.0031728	.9852511	4.519972	.0149336
#3	29.11481	5.212738	.0583431	.0034651	.9804577	4.350982	.0112561

Sample Name: J5867-22 Acquired: 11/12/2018 16:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0398S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.893992	.1781754	.4338056
Stddev	.020052	.0003003	.0010000
%RSD	.5149347	.1685278	.2305100

#1	3.909067	.1785157	.4327920
#2	3.901675	.1779477	.4338335
#3	3.871236	.1780627	.4347914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.065	2868.162	58108.93	5476.206	3461.268
Stddev	19.256	2.930	214.00	27.358	4.414
%RSD	.7431764	.1021587	.3682738	.4995872	.1275129

#1	2599.960	2865.413	58184.58	5454.486	3459.661
#2	2604.267	2867.829	58274.83	5467.199	3466.260
#3	2568.970	2871.244	57867.38	5506.932	3457.883

Sample Name: J5868-20 Acquired: 11/12/2018 16:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544483	.0034705	.3020889	-.011768	.0057118	100.7770	1.447467
Stddev	.0017790	.0006025	.0011343	.004008	.0012718	.2156	.006455
%RSD	3.267339	17.36221	.3754945	34.05936	22.26671	.2139231	.4459732

#1	.0542152	.0029361	.3012209	-.009818	.0048516	100.9940	1.454506
#2	.0563324	.0041235	.3033724	-.016378	.0051110	100.5629	1.446072
#3	.0527974	.0033518	.3016733	-.009108	.0071727	100.7742	1.441823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073978	.0057652	59.58808	.1145716	.0849044	.1965716	132.6458
Stddev	.0000543	.0001255	.11084	.0010187	.0002433	.0009514	.7886
%RSD	.7337259	2.177267	.1860165	.8891659	.2865180	.4839912	.5945013

#1	.0073430	.0057283	59.70259	.1153101	.0850345	.1976128	133.4415
#2	.0073987	.0056622	59.48131	.1149953	.0850550	.1963546	131.8646
#3	.0074516	.0059050	59.58033	.1134094	.0846238	.1957475	132.6314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.552686	34.31070	.1320359	.0032724	.9710669	.1946403	.5594805
Stddev	.032441	.15088	.0003910	.0003546	.1089199	.0021002	.0016894
%RSD	.5842388	.4397423	.2961558	10.83665	11.21652	1.079012	.3019596

#1	5.577436	34.24448	.1318728	.0032491	1.096803	.1922416	.5602248
#2	5.515959	34.20426	.1317527	.0029300	.905658	.1961486	.5606699
#3	5.564663	34.48336	.1324820	.0036380	.910740	.1955306	.5575467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.80495	3.650616	.0544004	.0033838	1.028545	4.673299	.0043716
Stddev	.10740	.007107	.0021048	.0002988	.004282	.098184	.0008578
%RSD	.3376967	.1946733	3.869013	8.829045	.4162946	2.100964	19.62090

#1	31.70291	3.653474	.0558203	.0030486	1.027003	4.723527	.0040318
#2	31.79494	3.655850	.0519823	.0036219	1.025247	4.736208	.0053472
#3	31.91701	3.642526	.0553987	.0034810	1.033384	4.560162	.0037359

Sample Name: J5868-20 Acquired: 11/12/2018 16:38:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.598457	.0981715	.2946721
Stddev	.004069	.0023363	.0009485
%RSD	.2545582	2.379814	.3218903

#1	1.603147	.0968743	.2937412
#2	1.596351	.0967715	.2946377
#3	1.595872	.1008686	.2956373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.202	2727.151	54969.07	5115.644	3521.575
Stddev	11.683	6.930	87.06	24.003	7.197
%RSD	.4756341	.2541282	.1583838	.4691987	.2043812

#1	2458.867	2720.738	54884.95	5125.950	3514.211
#2	2466.322	2734.503	54963.48	5132.773	3528.593
#3	2443.417	2726.210	55058.80	5088.210	3521.920

Sample Name: PB114731BL Acquired: 11/12/2018 16:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS731 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002313	-.000825	-.000733	-.000243	.0014807	.0035859	-.000382
Stddev	.002413	.001007	.002024	.002348	.0017095	.0077318	.000580
%RSD	104.3241	122.0348	276.1302	966.3949	115.4545	215.6135	152.1576

#1	-.003275	-.001097	.000727	.000401	-.000079	-.005183	-.000348
#2	.000433	.000290	.000117	-.002845	.001213	.006519	.000181
#3	-.004096	-.001668	-.003043	.001716	.003308	.009422	-.000978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000078	.0000058	-.009325	.0001065	.0002721	-.000145	-.014141
Stddev	.0000541	.0000703	.015465	.0001164	.0001703	.000308	.019258
%RSD	691.9202	1207.910	165.8417	109.2674	62.59250	213.2805	136.1823

#1	-.000015	-.000061	-.001652	.0001495	.0003379	-.000438	.008031
#2	-.000032	.000079	-.027126	.0001953	.0003996	.000177	-.023758
#3	.000070	-.000000	.000803	-.000025	.0000787	-.000172	-.026697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001390	-.011438	-.000163	.0003690	-.111598	-.000372	.0089937
Stddev	.000691	.035769	.000308	.0003192	.429472	.005819	.0013303
%RSD	49.73929	312.7054	189.6917	86.50738	384.8401	1562.357	14.79204

#1	-.001698	.008690	-.000479	.0006720	.383997	-.001097	.0075078
#2	-.001873	.009731	-.000146	.0003993	-.344019	-.005796	.0093991
#3	-.000598	-.052736	.000137	.0000357	-.374770	.005775	.0100741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1117884	-.000579	-.004002	-.000131	.0002187	.0030616	-.002874
Stddev	.0147436	.000447	.001155	.000206	.0021668	.0007528	.000820
%RSD	13.18887	77.15857	28.86014	156.8544	990.6700	24.58717	28.54205

#1	.1253991	-.000674	-.005103	-.000267	-.001964	.0024312	-.002555
#2	.0961267	-.000972	-.002800	-.000231	.002369	.0038951	-.003806
#3	.1138393	-.000093	-.004103	.000105	.000251	.0028584	-.002261

Sample Name: PB114731BL Acquired: 11/12/2018 16:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS731 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002811	-.009863	-.000128
Stddev	.002506	.000844	.000090
%RSD	89.14943	8.553528	70.23786

#1	-.001878	-.009535	-.000226
#2	-.000905	-.009232	-.000105
#3	-.005649	-.010821	-.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.264	2438.331	47822.50	4425.630	3657.543
Stddev	19.770	1.806	55.75	30.069	3.042
%RSD	.9063364	.0740481	.1165764	.6794328	.0831645

#1	2158.437	2438.314	47773.02	4459.750	3658.278
#2	2192.759	2440.144	47811.59	4414.140	3654.202
#3	2192.597	2436.533	47882.90	4403.000	3660.151

Sample Name: PB114731BS Acquired: 11/12/2018 16:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS731 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242106	.0521348	.0186766	.0709877	.1213114	.3786459
Stddev	.0000814	.0013775	.0030003	.0011683	.0011884	.0037397
%RSD	.3362938	2.642202	16.06475	1.645758	.9796440	.9876476

#1	.0242085	.0507427	.0192014	.0710981	.1203297	.3799887
#2	.0241303	.0534972	.0213799	.0720969	.1209719	.3815288
#3	.0242931	.0521647	.0154485	.0697682	.1226327	.3744202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4057742	.0100607	.0104005	10.22619	.0233103	.1001524
Stddev	.0005134	.0000359	.0000082	.04017	.0002955	.0000375
%RSD	.1265184	.3563979	.0789053	.3927735	1.267736	.0374293

#1	.4054157	.0100792	.0103915	10.18238	.0234451	.1001957
#2	.4055447	.0100194	.0104075	10.26127	.0229715	.1001298
#3	.4063623	.0100835	.0104025	10.23492	.0235145	.1001317

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563139	.2133464	.0326081	9.415668	.0854590	.0196646
Stddev	.0012576	.0488325	.0009491	.071577	.0004571	.0002389
%RSD	2.233110	22.88884	2.910732	.7601944	.5348264	1.214787

#1	.0566733	.1689938	.0330334	9.481550	.0859588	.0193956
#2	.0549157	.2053690	.0315207	9.425949	.0853559	.0198521
#3	.0573526	.2656765	.0332703	9.339507	.0850624	.0197460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.618217	.1061966	.1283066	9.642626	F .0089764	F .0157055
Stddev	.239514	.0006986	.0077008	.070348	.0004575	.0010205
%RSD	2.490214	.6577895	6.001891	.7295489	5.097056	6.497839

#1	9.460227	.1054196	.1297587	9.597742	.0087704	.0168089
#2	9.500626	.1063977	.1199831	9.606435	.0086580	.0147954
#3	9.893799	.1067726	.1351780	9.723702	.0095007	.0155123

Sample Name: PB114731BS Acquired: 11/12/2018 16:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS731 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192595	.0823712	.1986829	F .0112646	.2027951	.0839608
Stddev	.0004010	.0015542	.0007010	.0007609	.0007575	.0009652
%RSD	2.081962	1.886773	.3528428	6.755113	.3735232	1.149585

#1	.0193954	.0818755	.1988622	.0104148	.2019208	.0828897
#2	.0195748	.0811253	.1992768	.0118830	.2032128	.0847631
#3	.0188082	.0841127	.1979096	.0114959	.2032519	.0842295

Elem	Sr4077
Units	ppm
Avg	.1981836
Stddev	.0007477
%RSD	.3772773

#1	.1976268
#2	.1978905
#3	.1990334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.312	2428.696	48217.27	4417.163	3681.704
Stddev	26.118	4.472	158.83	14.991	5.056
%RSD	1.194631	.1841278	.3293985	.3393846	.1373343

#1	2190.708	2427.686	48168.44	4400.460	3677.667
#2	2158.275	2433.587	48088.58	4421.580	3687.375
#3	2209.954	2424.816	48394.77	4429.450	3680.069

Sample Name: PB114732BL Acquired: 11/12/2018 16:50:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS732 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002285	-.000444	-.000614	-.000730	.0021636	-.001965	-.000013
Stddev	.001371	.001049	.000905	.002610	.0005555	.015208	.000418
%RSD	60.02353	236.1570	147.2095	357.5284	25.67462	773.8678	3339.665

#1	-.003136	.000751	-.001479	.000040	.0026513	.013245	.000040
#2	-.003015	-.000874	.000325	-.003639	.0015589	-.017172	-.000454
#3	-.000703	-.001210	-.000690	.001408	.0022807	-.001969	.000377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0001412	.0025917	.0001267	.0001116	.0011070	-.005777
Stddev	.000053	.0001256	.0063334	.0003376	.0004714	.0030663	.005184
%RSD	87.49202	88.96970	244.3696	266.5256	422.3153	276.9868	89.74232

#1	-.000102	.0002128	.0008155	-.000240	-.000427	-.000347	.000202
#2	-.000079	-.000004	.0096235	.000425	.000451	.004630	-.008502
#3	-.000001	.000215	-.002664	.000195	.000311	-.000962	-.009029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006054	.0298968	.0000014	.0003114	-.175257	-.004826	.0033415
Stddev	.0009819	.0155612	.0002046	.0003641	.054172	.004195	.0024006
%RSD	162.2078	52.04963	14418.40	116.9538	30.90987	86.91959	71.84430

#1	-.000519	.0266130	-.000052	.0004412	-.147656	-.005693	.0016897
#2	.001297	.0162396	.000228	.0005928	-.237670	-.000265	.0060953
#3	.001037	.0468378	-.000171	-.000100	-.140445	-.008519	.0022395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351938	-.000551	-.004456	.0000554	-.000262	.0015536	-.002508
Stddev	.0472180	.000521	.000642	.0001129	.000229	.0013533	.000581
%RSD	134.1660	94.43737	14.40824	203.7669	87.40514	87.10674	23.16904

#1	.0866629	-.000271	-.004306	-.000072	-.000516	.0026646	-.003085
#2	.0250392	-.001152	-.003903	.000142	-.000195	.0019498	-.002516
#3	-.006121	-.000231	-.005160	.000096	-.000073	.0000464	-.001923

Sample Name: PB114732BL Acquired: 11/12/2018 16:50:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS732 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001878	-.011692	-.000055
Stddev	.001869	.000926	.000046
%RSD	99.54090	7.922905	82.97933

#1	-.001992	-.011815	-.000003
#2	-.003687	-.010711	-.000088
#3	.000046	-.012551	-.000075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.507	2435.209	48039.44	4377.310	3654.024
Stddev	17.654	4.038	63.15	24.734	10.078
%RSD	.8077937	.1658279	.1314546	.5650557	.2757986

#1	2204.010	2432.326	48090.83	4399.260	3645.033
#2	2168.846	2439.824	48058.55	4350.510	3664.918
#3	2183.665	2433.476	47968.94	4382.160	3652.122

Sample Name: PB114732BS Acquired: 11/12/2018 16:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS732 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234336	.0537410	.0194230	.0727174	.1198107	.3814792
Stddev	.0033461	.0001506	.0013356	.0006460	.0011142	.0014586
%RSD	14.27903	.2801951	6.876499	.8884270	.9299518	.3823531

#1	.0239133	.0537700	.0202448	.0719714	.1186659	.3811816
#2	.0198736	.0538750	.0201424	.0730865	.1198747	.3801923
#3	.0265140	.0535780	.0178819	.0730943	.1208915	.3830636

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4041988	.0100886	.0102867	10.26400	.0229869	.0985676
Stddev	.0011511	.0001369	.0000968	.14921	.0002325	.0005537
%RSD	.2847953	1.357121	.9414110	1.453681	1.011678	.5617890

#1	.4046501	.0101566	.0102939	10.29327	.0227268	.0987374
#2	.4050558	.0099309	.0101864	10.10232	.0231748	.0979488
#3	.4028904	.0101782	.0103797	10.39639	.0230592	.0990165

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547692	.2172624	.0326933	9.576040	.0834650	.0198477
Stddev	.0045012	.0137372	.0009226	.242250	.0003579	.0003652
%RSD	8.218410	6.322869	2.822019	2.529756	.4287895	1.840210

#1	.0578082	.2330567	.0326213	9.619120	.0837423	.0202302
#2	.0569013	.2106368	.0318089	9.315139	.0830610	.0198103
#3	.0495982	.2080937	.0336499	9.793860	.0835918	.0195026

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.773874	.1048673	.1184917	9.515346	F .0095982	F .0160002
Stddev	.160581	.0064348	.0162719	.037462	.0008290	.0014493
%RSD	1.642959	6.136163	13.73254	.3937016	8.636811	9.057702

#1	9.626819	.1119103	.0999976	9.476601	.0086454	.0149693
#2	9.945215	.0992954	.1248663	9.518062	.0099949	.0153740
#3	9.749590	.1033962	.1306112	9.551377	.0101543	.0176572

Sample Name: PB114732BS Acquired: 11/12/2018 16:54:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS732 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193066	.0805997	.1953706	F .0115158	.2051280	.0806499
Stddev	.0000883	.0009512	.0024021	.0003648	.0025683	.0007459
%RSD	.4574403	1.180087	1.229510	3.167608	1.252050	.9248734

#1	.0192506	.0798607	.1940325	.0119015	.2066175	.0812394
#2	.0192608	.0816729	.1939355	.0114694	.2021624	.0808990
#3	.0194084	.0802656	.1981437	.0111764	.2066040	.0798113

Elem	Sr4077
Units	ppm
Avg	.1983220
Stddev	.0007487
%RSD	.3775082

#1	.1974582
#2	.1987838
#3	.1987241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.732	2440.125	48231.22	4435.040	3722.799
Stddev	18.790	5.843	191.95	32.290	7.847
%RSD	.8530120	.2394360	.3979774	.7280636	.2107910

#1	2222.738	2434.720	48343.77	4441.640	3714.977
#2	2185.458	2446.324	48009.59	4463.520	3730.671
#3	2200.000	2439.332	48340.31	4399.960	3722.749

Sample Name: J5870-11 Acquired: 11/12/2018 16:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0429 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483979	-.001129	.2817885	-.017954	.0080631	154.1899	2.259633
Stddev	.0033658	.002879	.0036601	.001555	.0014257	.2282	.003301
%RSD	6.954457	254.9698	1.298882	8.661258	17.68223	.1479742	.1460677

#1	.0519592	-.002639	.2786179	-.016529	.0067014	154.1413	2.260973
#2	.0479648	.002191	.2809539	-.017719	.0095452	154.4385	2.255873
#3	.0452695	-.002939	.2857939	-.019613	.0079426	153.9900	2.262054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107963	.0042699	59.17874	.1736696	.1341489	.2266327	204.0878
Stddev	.0001000	.0001868	.27798	.0001761	.0006915	.0019457	.6525
%RSD	.9260070	4.374581	.4697334	.1013853	.5154935	.8585117	.3197141

#1	.0107950	.0044474	59.18418	.1736320	.1347875	.2248517	203.7922
#2	.0108969	.0040750	59.45396	.1738615	.1334144	.2287092	204.8358
#3	.0106970	.0042874	58.89808	.1735154	.1342446	.2263372	203.6355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.486000	33.09735	.1893347	.0030747	2.255765	.4126021	.6499473
Stddev	.043600	.09897	.0011833	.0001175	.210783	.0047941	.0034274
%RSD	.5824229	.2990196	.6249673	3.820653	9.344208	1.161919	.5273396

#1	7.483917	32.99204	.1905354	.0029890	2.078418	.4149736	.6460703
#2	7.530604	33.18843	.1892991	.0030265	2.488802	.4157483	.6525741
#3	7.443479	33.11159	.1881697	.0032086	2.200075	.4070845	.6511976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.64002	7.165932	.0784779	.0028424	1.089815	4.176731	.0134403
Stddev	.01135	.016540	.0072226	.0000156	.006318	.040270	.0002774
%RSD	.0383033	.2308166	9.203336	.5487644	.5797205	.9641475	2.063928

#1	29.65003	7.183067	.0715721	.0028550	1.093644	4.211518	.0135127
#2	29.62769	7.164671	.0859802	.0028250	1.093278	4.186059	.0136744
#3	29.64236	7.150059	.0778813	.0028473	1.082523	4.132616	.0131339

Sample Name: J5870-11 Acquired: 11/12/2018 16:58:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0429 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.638283	.1802824	.4307535
Stddev	.011367	.0011363	.0004711
%RSD	.2016066	.6302839	.1093640

#1	5.632456	.1793990	.4308096
#2	5.651382	.1815643	.4302569
#3	5.631010	.1798839	.4311941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.807	2843.201	57587.47	5377.565	3519.451
Stddev	1.253	8.217	91.90	27.641	8.762
%RSD	.0488464	.2890107	.1595772	.5140101	.2489592

#1	2564.874	2833.901	57664.93	5358.385	3509.372
#2	2566.025	2846.221	57611.55	5365.062	3525.255
#3	2563.523	2849.481	57485.93	5409.249	3523.726

Sample Name: J5870-12 Acquired: 11/12/2018 17:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0429D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462658	-.001636	.2617998	-.015064	.0057627	149.0238	2.114862
Stddev	.0017518	.001170	.0009790	.002938	.0015171	.0974	.002473
%RSD	3.786474	71.46996	.3739540	19.50199	26.32544	.0653858	.1169330

#1	.0442533	-.002115	.2607778	-.013548	.0067199	149.0409	2.112728
#2	.0474494	-.000304	.2618925	-.018450	.0065548	148.9189	2.114285
#3	.0470947	-.002491	.2627292	-.013193	.0040136	149.1115	2.117572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103845	.0037629	58.76126	.1686107	.1255410	.2135420	199.9803
Stddev	.0000554	.0001271	.27923	.0010008	.0007506	.0053020	.3228
%RSD	.5333449	3.376288	.4751947	.5935673	.5978590	2.482892	.1614344

#1	.0103544	.0038626	58.75413	.1683244	.1263021	.2135763	200.2194
#2	.0103507	.0036198	58.48566	.1677843	.1248015	.2082229	199.6131
#3	.0104484	.0038062	59.04398	.1697235	.1255196	.2188268	200.1084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.961980	32.36242	.1769450	.0030679	2.216450	.3955344	.6045928
Stddev	.010663	.04865	.0000916	.0005404	.053943	.0070623	.0204871
%RSD	.1531674	.1503303	.0517811	17.61460	2.433757	1.785503	3.388573

#1	6.954632	32.30739	.1768398	.0036697	2.212809	.3895226	.5994363
#2	6.957097	32.38018	.1770072	.0029097	2.164420	.4033120	.6271654
#3	6.974210	32.39970	.1769881	.0026242	2.272121	.3937686	.5871765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.38350	7.150771	.0773109	.0028855	1.023357	4.193766	.0121221
Stddev	.15656	.020383	.0035732	.0003984	.002172	.101780	.0004608
%RSD	.5516009	.2850415	4.621859	13.80650	.2121995	2.426940	3.800936

#1	28.21577	7.144430	.0772123	.0024313	1.024666	4.120855	.0118839
#2	28.40894	7.134312	.0809324	.0030497	1.020850	4.150396	.0126532
#3	28.52578	7.173570	.0737880	.0031755	1.024554	4.310048	.0118293

Sample Name: J5870-12 Acquired: 11/12/2018 17:02:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0429D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.489991	.1733996	.4121696
Stddev	.006085	.0007947	.0006955
%RSD	.1108340	.4583070	.1687468

#1	5.495317	.1737802	.4114532
#2	5.483360	.1739324	.4122135
#3	5.491297	.1724862	.4128422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.065	2829.305	57298.79	5309.825	3524.628
Stddev	3.914	8.041	170.25	39.475	8.497
%RSD	.1523352	.2841906	.2971186	.7434243	.2410844

#1	2569.483	2820.029	57184.86	5348.201	3516.616
#2	2572.753	2833.607	57494.49	5311.937	3533.539
#3	2564.959	2834.280	57217.02	5269.337	3523.730

Sample Name: J5870-13 Acquired: 11/12/2018 17:06:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0429S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099466	.0931567	.2957795	-.004260	.0749177	154.8258	5.416166
Stddev	.0074178	.0003755	.0025596	.005266	.0014952	.7987	.025688
%RSD	6.746735	.4030930	.8653703	123.6230	1.995845	.5158759	.4742857

#1	.1141342	.0932296	.2976667	-.003421	.0732490	155.0199	5.419213
#2	.1013819	.0934905	.2928661	.000536	.0753684	155.5097	5.440194
#3	.1143236	.0927501	.2968059	-.009895	.0761358	153.9480	5.389090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876520	.1001377	55.95519	.5172318	1.112007	.6382310	207.3474
Stddev	.0002769	.0005621	.36816	.0018717	.005099	.0018276	1.6303
%RSD	.3159164	.5613200	.6579502	.3618714	.4585134	.2863533	.7862444

#1	.0873378	.0994897	55.95254	.5152175	1.106124	.6403199	208.3228
#2	.0877575	.1004298	56.32467	.5189174	1.115134	.6369269	208.2541
#3	.0878607	.1004936	55.58837	.5175605	1.114764	.6374462	205.4654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.292065	33.17917	1.176241	.0777575	2.060475	1.247394	1.412888
Stddev	.067320	.45039	.004706	.0009715	.061345	.005855	.017006
%RSD	.9231979	1.357451	.4001052	1.249441	2.977214	.4693913	1.203610

#1	7.328516	33.51441	1.170849	.0784704	2.120474	1.250902	1.432160
#2	7.333300	33.35587	1.179522	.0781511	1.997868	1.250646	1.406511
#3	7.214380	32.66722	1.178351	.0766509	2.063083	1.240635	1.399992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.76780	6.435679	.0932289	.0030461	1.018765	3.898920	.0134111
Stddev	.08908	.039023	.0037350	.0000910	.007338	.048577	.0010777
%RSD	.3096597	.6063538	4.006219	2.986981	.7202940	1.245900	8.035937

#1	28.67051	6.390632	.0958841	.0030907	1.011031	3.843942	.0136495
#2	28.84536	6.457259	.0948445	.0031061	1.019632	3.916774	.0143497
#3	28.78755	6.459146	.0889581	.0029414	1.025631	3.936042	.0122342

Sample Name: J5870-13 Acquired: 11/12/2018 17:06:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0429S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.859636	.1736153	.4084078
Stddev	.046348	.0009388	.0016109
%RSD	.7909671	.5407467	.3944326

#1	5.879849	.1734779	.4065851
#2	5.892446	.1746153	.4096406
#3	5.806615	.1727528	.4089977

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.235	2820.896	57048.37	5280.907	3543.260
Stddev	23.585	2.936	366.47	7.125	3.291
%RSD	.9266355	.1040976	.6423809	.1349193	.0928682

#1	2520.267	2821.780	56772.54	5284.040	3543.689
#2	2548.302	2817.619	56908.37	5285.929	3539.776
#3	2567.137	2823.290	57464.20	5272.753	3546.315

Sample Name: J5868-21 Acquired: 11/12/2018 17:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552512	.0048578	.3055916	-.013875	.0071956	103.4910	1.406190
Stddev	.0020221	.0010502	.0008928	.001378	.0011070	.4741	.004283
%RSD	3.659924	21.61815	.2921454	9.934279	15.38419	.4581186	.3045600

#1	.0550474	.0047175	.3065981	-.012709	.0079593	103.0075	1.401442
#2	.0573675	.0059711	.3052815	-.013520	.0077016	103.5103	1.407367
#3	.0533387	.0038849	.3048953	-.015397	.0059261	103.9551	1.409762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074779	.0050486	58.32153	.1158761	.0809587	.1942648	136.4007
Stddev	.0000545	.0000992	.38763	.0004068	.0003566	.0043225	.8089
%RSD	.7290365	1.964894	.6646416	.3510532	.4404760	2.225074	.5930082

#1	.0075125	.0051492	57.98882	.1155175	.0808307	.1975824	135.8996
#2	.0075062	.0050457	58.22859	.1163181	.0806837	.1958355	135.9687
#3	.0074151	.0049508	58.74718	.1157927	.0813616	.1893766	137.3339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.381852	35.63204	.1299303	.0023110	1.303497	.2024768	.5407205
Stddev	.037154	.34281	.0003213	.0008144	.156304	.0043925	.0192569
%RSD	.6903556	.9620777	.2473060	35.24250	11.99116	2.169358	3.561343

#1	5.343921	35.35982	.1298065	.0014379	1.153115	.1975150	.5205428
#2	5.383457	35.51926	.1296892	.0024449	1.292259	.2040473	.5427177
#3	5.418177	36.01702	.1302951	.0030502	1.465117	.2058681	.5589009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.90538	3.530475	.0749479	.0031254	.9925340	6.136082	.0036726
Stddev	.11196	.009452	.0021812	.0002713	.0022762	.054887	.0003870
%RSD	.3509238	.2677341	2.910227	8.679211	.2293342	.8944921	10.53710

#1	31.82505	3.527111	.0749423	.0034330	.9902241	6.174874	.0040515
#2	31.85781	3.523164	.0727695	.0029206	.9926030	6.160090	.0036883
#3	32.03327	3.541149	.0771318	.0030225	.9947750	6.073281	.0032780

Sample Name: J5868-21 Acquired: 11/12/2018 17:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.686215	.0955988	.2979634
Stddev	.012305	.0014567	.0006025
%RSD	.7297615	1.523764	.2022143

#1	1.672012	.0939354	.2973626
#2	1.693673	.0966468	.2979601
#3	1.692961	.0962143	.2985676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.668	2731.698	55119.08	5067.875	3586.602
Stddev	6.037	4.181	184.73	26.162	3.652
%RSD	.2446469	.1530409	.3351404	.5162336	.1018273

#1	2474.536	2736.252	55269.35	5037.979	3584.674
#2	2463.200	2730.806	55175.05	5086.579	3590.814
#3	2465.268	2728.035	54912.85	5079.069	3584.318

Sample Name: J5868-22 Acquired: 11/12/2018 17:14:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217997	.1018566	.3195695	.0017212	.0698175	109.2485	5.024337
Stddev	.0008577	.0010187	.0023922	.0023741	.0010453	.4794	.011923
%RSD	.7042002	1.000171	.7485558	137.9334	1.497251	.4388400	.2373092

#1	.1222486	.1012298	.3218585	-.000526	.0686104	108.7535	5.023959
#2	.1223398	.1030320	.3170861	.004205	.0704266	109.2812	5.012608
#3	.1208107	.1013079	.3197639	.001485	.0704154	109.7107	5.036445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0912639	.1050425	65.87693	.4916801	1.111670	.6448866	143.4235
Stddev	.0002571	.0000942	.53701	.0004046	.002447	.0040236	1.1043
%RSD	.2817363	.0896366	.8151772	.0822942	.2201192	.6239177	.7699395

#1	.0909698	.1049723	65.30192	.4913020	1.110556	.6441922	142.1485
#2	.0914463	.1050056	65.96343	.4916314	1.109978	.6412555	144.0485
#3	.0913754	.1051495	66.36544	.4921069	1.114476	.6492122	144.0736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.287149	38.08930	1.166882	.0836181	1.044904	1.078601	1.402773
Stddev	.072761	.17299	.001189	.0003059	.190869	.011596	.022835
%RSD	1.157291	.4541740	.1018952	.3658159	18.26670	1.075143	1.627813

#1	6.204927	37.88975	1.167075	.0832653	1.123897	1.066117	1.377414
#2	6.313306	38.19689	1.165609	.0837790	.827219	1.080649	1.409200
#3	6.343216	38.18125	1.167963	.0838099	1.183596	1.089037	1.421705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.89036	3.601675	.0791879	.0029736	1.007116	4.469928	.0046755
Stddev	.07522	.007105	.0017106	.0001484	.004734	.051047	.0006852
%RSD	.2358763	.1972656	2.160228	4.991162	.4700428	1.142011	14.65489

#1	31.83853	3.594064	.0772980	.0028199	1.002171	4.494866	.0050471
#2	31.85590	3.608133	.0806304	.0031161	1.007570	4.503712	.0050946
#3	31.97663	3.602828	.0796353	.0029846	1.011606	4.411206	.0038848

Sample Name: J5868-22 Acquired: 11/12/2018 17:14:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0055S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.603166	.1022434	.3075240
Stddev	.011880	.0006165	.0008750
%RSD	.7410474	.6029879	.2845445

#1	1.590637	.1027655	.3081921
#2	1.614269	.1015633	.3065335
#3	1.604590	.1024014	.3078465

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.137	2730.724	55130.21	5104.962	3580.141
Stddev	3.734	1.458	161.49	7.885	3.576
%RSD	.1512910	.0534029	.2929329	.1544589	.0998767

#1	2470.687	2732.025	55216.41	5113.967	3576.174
#2	2463.851	2730.999	54943.91	5099.292	3583.117
#3	2469.874	2729.148	55230.32	5101.629	3581.131

Sample Name: J5868-20LX5 Acquired: 11/12/2018 17:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146025	.0006799	.0561539	-.001625	.0036136	20.96410	.2899942
Stddev	.0035414	.0006317	.0011652	.002322	.0007912	.13597	.0013323
%RSD	24.25218	92.91326	2.075012	142.9494	21.89365	.6485637	.4594275

#1	.0158095	.0010101	.0557457	-.004205	.0036181	20.98521	.2901686
#2	.0173826	.0010780	.0574683	-.000965	.0044025	20.81881	.2885832
#3	.0106153	-.000048	.0552477	.000296	.0028202	21.08827	.2912307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016177	.0008171	12.37664	.0238876	.0146841	.0426443	28.75613
Stddev	.0000646	.0000402	.08706	.0001904	.0001735	.0028074	.32386
%RSD	3.996494	4.914076	.7033928	.7971510	1.181878	6.583278	1.126214

#1	.0016017	.0008167	12.31259	.0237207	.0146579	.0457046	28.79499
#2	.0015627	.0008574	12.34158	.0240950	.0145251	.0401883	28.41460
#3	.0016889	.0007771	12.47576	.0238470	.0148692	.0420399	29.05880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.163416	7.484941	.0236226	.0003688	-.083164	.0403951	.1143638
Stddev	.021803	.068674	.0003560	.0001784	.212478	.0044993	.0077480
%RSD	1.874042	.9175003	1.507061	48.36401	255.4927	11.13829	6.774883

#1	1.162898	7.440368	.0237254	.0002950	.147335	.0436309	.1229681
#2	1.141877	7.450429	.0239159	.0002392	-.125617	.0352571	.1079387
#3	1.185474	7.564026	.0232265	.0005722	-.271210	.0422974	.1121847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.273375	.6652144	.0151120	.0006903	.1888216	1.179387	-.000917
Stddev	.068999	.0008538	.0003740	.0001214	.0023318	.020224	.001213
%RSD	1.099869	.1283489	2.474495	17.58438	1.234922	1.714764	132.3004

#1	6.333046	.6656107	.0155434	.0008209	.1913287	1.174850	-.002316
#2	6.197819	.6642344	.0149135	.0005809	.1884184	1.161817	-.000267
#3	6.289261	.6657979	.0148793	.0006690	.1867177	1.201494	-.000167

Sample Name: J5868-20LX5 Acquired: 11/12/2018 17:18:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0055L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3418007	.0131259	.0612314
Stddev	.0032211	.0006456	.0004485
%RSD	.9423898	4.918454	.7325355

#1	.3399840	.0133228	.0616370
#2	.3455198	.0136502	.0613076
#3	.3398985	.0124048	.0607497

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.811	2502.062	49263.73	4490.630	3720.474
Stddev	11.097	.500	181.51	22.840	5.785
%RSD	.4941145	.0199672	.3684362	.5086045	.1554843

#1	2255.615	2502.276	49276.08	4489.180	3717.000
#2	2233.764	2502.418	49076.37	4514.160	3717.269
#3	2248.055	2501.491	49438.75	4468.550	3727.151

Sample Name: J5870-11LX5 Acquired: 11/12/2018 17:22:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0429L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102823	.0007072	.0483703	-.006381	.0018759	30.89770	.4352189
Stddev	.0046489	.0005017	.0015144	.000824	.0016709	.05580	.0019101
%RSD	45.21217	70.93805	3.130736	12.90689	89.06918	.1805887	.4388801

#1	.0147729	.0011543	.0467616	-.005506	.0037757	30.86682	.4369274
#2	.0105841	.0001646	.0485812	-.006495	.0006346	30.86417	.4355727
#3	.0054899	.0008028	.0497681	-.007141	.0012175	30.96211	.4331567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022587	.0003201	12.52187	.0356038	.0218080	.0477652	43.65767
Stddev	.0000592	.0000299	.08037	.0005794	.0002027	.0010567	.34177
%RSD	2.619886	9.331275	.6418382	1.627378	.9293265	2.212315	.7828379

#1	.0022295	.0003408	12.51909	.0349420	.0220285	.0474079	43.64375
#2	.0022198	.0003336	12.44292	.0360198	.0216298	.0469335	43.32307
#3	.0023268	.0002858	12.60359	.0358496	.0217657	.0489543	44.00618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.525509	6.971912	.0321285	.0008248	.3498777	.0867658	.1357352
Stddev	.014385	.046514	.0001489	.0002374	.2795441	.0021956	.0070560
%RSD	.9429884	.6671615	.4635137	28.78410	79.89768	2.530506	5.198352

#1	1.525120	6.972010	.0319685	.0006661	.6405057	.0847853	.1276376
#2	1.511322	6.925350	.0321541	.0007106	.3262043	.0891268	.1405637
#3	1.540084	7.018377	.0322630	.0010978	.0829230	.0863851	.1390045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.675633	1.302438	.0200244	.0003404	.1893304	.8878055	.0000974
Stddev	.053079	.001956	.0015365	.0000670	.0027300	.0050948	.0006253
%RSD	.9352038	.1501843	7.673201	19.67763	1.441901	.5738657	641.7255

#1	5.734274	1.304500	.0210197	.0004025	.1896627	.8933625	.0007831
#2	5.661752	1.300608	.0182548	.0002694	.1864495	.8866993	-.000441
#3	5.630875	1.302208	.0207987	.0003492	.1918790	.8833546	-.000049

Sample Name: J5870-11LX5 Acquired: 11/12/2018 17:22:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0429L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.153800	.0273300	.0860997
Stddev	.001927	.0013576	.0003955
%RSD	.1670189	4.967569	.4593173

#1	1.151771	.0259684	.0857189
#2	1.155606	.0286836	.0860717
#3	1.154023	.0273381	.0865084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.722	2529.482	49750.23	4561.007	3723.653
Stddev	4.145	2.317	89.44	11.690	4.103
%RSD	.1817998	.0915918	.1797808	.2563128	.1101761

#1	2276.431	2527.820	49846.55	4574.260	3720.068
#2	2284.376	2528.497	49734.36	4552.160	3722.764
#3	2278.357	2532.128	49669.79	4556.600	3728.128

Sample Name: J5867-20LX5 Acquired: 11/12/2018 17:26:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0398L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193616	.0015054	.1060414	-.003563	.0023885	30.63192	.4039530
Stddev	.0005708	.0008375	.0007752	.000483	.0008823	.13310	.0006015
%RSD	2.948332	55.63312	.7310308	13.54955	36.93766	.4345207	.1489140

#1	.0188394	.0024141	.1062145	-.003995	.0020263	30.49141	.4039449
#2	.0192743	.0013373	.1067154	-.003652	.0033943	30.64823	.4045586
#3	.0199710	.0007647	.1051943	-.003042	.0017450	30.75612	.4033556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023955	.0008539	10.17118	.0334079	.0223803	.0453492	41.85952
Stddev	.0000852	.0000368	.05007	.0001667	.0000933	.0040973	.34798
%RSD	3.555009	4.305953	.4922589	.4988573	.4170148	9.034921	.8313020

#1	.0023209	.0008501	10.11418	.0336003	.0224023	.0408198	41.45948
#2	.0023773	.0008192	10.19132	.0333176	.0224608	.0487976	42.09217
#3	.0024883	.0008924	10.20805	.0333060	.0222780	.0464302	42.02690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545392	8.321738	.0313286	.0007972	.2790546	.0729725	.2046179
Stddev	.009400	.025389	.0004335	.0003001	.1236158	.0055321	.0034229
%RSD	.6082641	.3050969	1.383860	37.64102	44.29807	7.581056	1.672807

#1	1.535248	8.292765	.0318263	.0006987	.1411888	.0669448	.2046281
#2	1.547121	8.332349	.0310332	.0011342	.3159620	.0741549	.2011900
#3	1.553808	8.340101	.0311262	.0005588	.3800130	.0778178	.2080357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159744	.8146566	.0167598	.0003823	.1615828	1.231419	.0000667
Stddev	.057496	.0036570	.0012512	.0002304	.0021370	.042534	.0006855
%RSD	1.114314	.4488974	7.465725	60.27197	1.322515	3.454047	1027.271

#1	5.151239	.8171046	.0160081	.0001890	.1636736	1.256746	-.000185
#2	5.221018	.8104529	.0182042	.0003206	.1594025	1.182314	.000843
#3	5.106974	.8164124	.0160671	.0006373	.1616725	1.255199	-.000457

Sample Name: J5867-20LX5 Acquired: 11/12/2018 17:26:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0398L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6028729	.0230199	.0922824
Stddev	.0038769	.0012325	.0002472
%RSD	.6430680	5.353847	.2679131

#1	.5990069	.0217870	.0920086
#2	.6028511	.0230207	.0924893
#3	.6067606	.0242519	.0923494

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.256	2536.306	49866.66	4568.573	3718.609
Stddev	14.140	2.940	416.36	16.020	9.170
%RSD	.6247688	.1159005	.8349560	.3506571	.2465860

#1	2252.169	2538.572	49622.46	4577.170	3723.046
#2	2258.420	2537.362	49630.11	4578.460	3724.715
#3	2279.180	2532.984	50347.42	4550.090	3708.064

Sample Name: J5869-18 Acquired: 11/12/2018 17:30:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692486	.0026357	.4823205	-.018517	.0064514	111.8912	1.646068
Stddev	.0045752	.0017752	.0033557	.001415	.0014284	.6727	.001889
%RSD	6.606883	67.35001	.6957404	7.641447	22.14136	.6011986	.1147835

#1	.0717641	.0017745	.4819567	-.016951	.0068011	112.3560	1.645742
#2	.0720140	.0046772	.4791615	-.018897	.0048806	112.1978	1.648099
#3	.0639676	.0014555	.4858433	-.019703	.0076725	111.1199	1.644362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099954	.0045939	57.33944	.1254835	.0991725	.2021999	180.6936
Stddev	.0000507	.0001245	.62433	.0005954	.0000501	.0013909	1.7575
%RSD	.5075887	2.710034	1.088830	.4744772	.0504817	.6878820	.9726636

#1	.0100193	.0044594	57.73026	.1251310	.0991784	.2013719	182.1310
#2	.0100298	.0047050	57.66865	.1251486	.0992193	.2014222	181.2156
#3	.0099372	.0046173	56.61941	.1261709	.0991197	.2038058	178.7342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.896013	29.87395	.1282221	.0035404	1.937280	.3144674	.6773399
Stddev	.072901	.32653	.0003532	.0002572	.228080	.0031861	.0054849
%RSD	1.236445	1.093010	.2754640	7.265270	11.77319	1.013177	.8097739

#1	5.956445	30.03897	.1278204	.0038180	1.678566	.3165189	.6809488
#2	5.916547	30.08503	.1284838	.0033101	2.023966	.3160865	.6800428
#3	5.815047	29.49785	.1283622	.0034931	2.109307	.3107969	.6710281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.91863	5.736106	.0786866	.0027908	1.087311	2.622178	.0093418
Stddev	.13218	.004277	.0042507	.0005066	.002578	.019651	.0013523
%RSD	.5304534	.0745591	5.402108	18.15345	.2370900	.7494112	14.47576

#1	24.82204	5.737633	.0788185	.0022072	1.087972	2.618410	.0078348
#2	25.06927	5.731275	.0828698	.0030478	1.084467	2.604683	.0097413
#3	24.86458	5.739410	.0743714	.0031175	1.089494	2.643439	.0104494

Sample Name: J5869-18 Acquired: 11/12/2018 17:30:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.707801	.1142673	.4297855
Stddev	.032505	.0010372	.0017045
%RSD	.8766767	.9077336	.3966004

#1	3.730290	.1137716	.4278732
#2	3.722582	.1154594	.4303379
#3	3.670532	.1135709	.4311453

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.233	2863.258	57628.87	5306.854	3601.279
Stddev	16.716	4.459	373.82	29.992	9.980
%RSD	.6428509	.1557470	.6486723	.5651592	.2771263

#1	2618.065	2862.999	57949.56	5320.618	3604.695
#2	2584.920	2867.841	57718.74	5272.451	3609.103
#3	2597.712	2858.934	57218.30	5327.494	3590.040

Sample Name: J5869-19 Acquired: 11/12/2018 17:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698901	.0018687	.4766749	-.015085	.0074814	111.2846	1.638517
Stddev	.0014639	.0017009	.0028019	.001819	.0008287	.4813	.005399
%RSD	2.094585	91.01974	.5877976	12.05829	11.07698	.4324941	.3295284

#1	.0714173	.0037271	.4737482	-.014586	.0075436	111.3662	1.635375
#2	.0697540	.0014901	.4769437	-.013568	.0082772	111.7199	1.644751
#3	.0684990	.0003890	.4793326	-.017102	.0066233	110.7677	1.635424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099275	.0044202	57.49837	.1239884	.0984436	.1987720	179.6700
Stddev	.0000313	.0002068	.43735	.0006601	.0003231	.0065315	1.4747
%RSD	.3156046	4.679314	.7606296	.5323632	.3282477	3.285917	.8207866

#1	.0099279	.0042332	57.70846	.1234576	.0981817	.1927788	180.2447
#2	.0098959	.0043852	57.79102	.1237800	.0983443	.2057336	180.7708
#3	.0099585	.0046424	56.99561	.1247275	.0988047	.1978036	177.9944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.917271	29.85495	.1273687	.0034271	1.994446	.3043275	.6775356
Stddev	.071953	.25210	.0004822	.0001980	.177272	.0046224	.0080040
%RSD	1.215982	.8444132	.3785570	5.779042	8.888305	1.518893	1.181342

#1	5.948670	29.85267	.1278913	.0034144	1.918007	.3058436	.6780153
#2	5.968190	30.10817	.1272738	.0036312	2.197114	.3080014	.6693025
#3	5.834955	29.60399	.1269411	.0032357	1.868216	.2991374	.6852889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.71843	5.728142	.0815784	.0028704	1.082359	2.588026	.0092932
Stddev	.04409	.033723	.0052410	.0001492	.000251	.038435	.0016564
%RSD	.1783578	.5887284	6.424442	5.196663	.0231750	1.485126	17.82350

#1	24.69200	5.689221	.0864118	.0028303	1.082556	2.623406	.0073962
#2	24.76932	5.748665	.0823154	.0027453	1.082077	2.593540	.0104532
#3	24.69396	5.746539	.0760080	.0030354	1.082445	2.547130	.0100301

Sample Name: J5869-19 Acquired: 11/12/2018 17:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.643413	.1123811	.4311603
Stddev	.022391	.0018883	.0006927
%RSD	.6145727	1.680264	.1606619

#1	3.648607	.1137243	.4303816
#2	3.662751	.1102220	.4313914
#3	3.618882	.1131969	.4317080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.337	2850.195	57369.92	5256.534	3594.502
Stddev	15.902	1.967	102.51	22.151	4.496
%RSD	.6143701	.0690128	.1786760	.4213901	.1250741

#1	2570.132	2851.024	57346.62	5231.784	3589.609
#2	2599.511	2847.949	57482.07	5274.495	3595.446
#3	2595.370	2851.611	57281.08	5263.325	3598.451

Sample Name: J5869-20 Acquired: 11/12/2018 17:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1302417	.0954456	.4845609	-.006382	.0555090	120.2822	5.105639
Stddev	.0023942	.0010382	.0037672	.002908	.0011791	.5612	.004697
%RSD	1.838273	1.087730	.7774401	45.56650	2.124195	.4665384	.0919950

#1	.1313712	.0964080	.4835796	-.005930	.0551548	120.0364	5.105948
#2	.1274917	.0955835	.4813815	-.009489	.0568246	119.8860	5.100796
#3	.1318622	.0943454	.4887216	-.003726	.0545475	120.9244	5.110174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929376	.1041589	58.67867	.4899794	1.126142	.6333975	218.6775
Stddev	.0007042	.0002746	.47659	.0028399	.004138	.0037781	2.2870
%RSD	.7577494	.2636351	.8121974	.5795923	.3674661	.5964822	1.045841

#1	.0934749	.1038928	58.58421	.4929212	1.122673	.6340251	217.4228
#2	.0921403	.1041426	58.25639	.4872538	1.125031	.6368226	217.2925
#3	.0931976	.1044413	59.19542	.4897631	1.130723	.6293450	221.3173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.096807	30.81744	1.147444	.0807963	2.219113	1.207610	1.427350
Stddev	.082565	.39660	.003526	.0005770	.120925	.010775	.044777
%RSD	1.163406	1.286949	.3073289	.7141814	5.449250	.8922221	3.137040

#1	7.042381	30.48621	1.144137	.0811850	2.203230	1.202246	1.418864
#2	7.056232	30.70916	1.147041	.0801333	2.106915	1.200571	1.387424
#3	7.191809	31.25693	1.151155	.0810706	2.347195	1.220014	1.475762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.14351	5.674061	.0865134	.0026263	1.010095	2.387545	.0103992
Stddev	.03905	.035698	.0053018	.0002228	.008936	.026524	.0008387
%RSD	.1687427	.6291433	6.128334	8.483157	.8846554	1.110947	8.064590

#1	23.16777	5.635655	.0804118	.0028433	1.000394	2.418154	.0107613
#2	23.09846	5.680299	.0899977	.0023982	1.011898	2.371304	.0109960
#3	23.16430	5.706229	.0891306	.0026374	1.017991	2.373177	.0094403

Sample Name: J5869-20 Acquired: 11/12/2018 17:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.298036	.1167650	.4514616
Stddev	.030430	.0018192	.0007847
%RSD	.7079900	1.557997	.1738026

#1	4.270656	.1185499	.4510323
#2	4.292654	.1149133	.4523673
#3	4.330797	.1168316	.4509853

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.108	2842.498	57532.99	5213.185	3577.678
Stddev	22.546	9.978	258.76	27.292	8.000
%RSD	.8654675	.3510362	.4497624	.5235110	.2236014

#1	2606.829	2831.003	57390.67	5181.777	3578.423
#2	2581.751	2848.932	57376.62	5231.128	3585.280
#3	2626.745	2847.558	57831.67	5226.649	3569.332

Sample Name: J5869-18LX5 Acquired: 11/12/2018 17:42:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201786	-.001204	.0893174	-.003789	.0041917	23.57384	.3505130
Stddev	.0014504	.001589	.0023113	.001668	.0016194	.12778	.0038108
%RSD	7.187781	131.9740	2.587754	44.03101	38.63358	.5420304	1.087199

#1	.0208426	.000423	.0909423	-.005175	.0023504	23.59984	.3520149
#2	.0211781	-.002751	.0866714	-.001937	.0048299	23.43506	.3461802
#3	.0185150	-.001283	.0903385	-.004254	.0053948	23.68662	.3533441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021947	.0007506	12.32477	.0272863	.0177563	.0423864	38.92361
Stddev	.0000636	.0000378	.04362	.0003111	.0001534	.0014633	.10783
%RSD	2.898628	5.041737	.3539160	1.139963	.8637686	3.452321	.2770419

#1	.0022625	.0007194	12.32995	.0276098	.0177348	.0408023	39.00776
#2	.0021362	.0007396	12.27879	.0272597	.0179192	.0426694	38.80205
#3	.0021855	.0007927	12.36556	.0269894	.0176147	.0436876	38.96101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275937	6.362313	.0236291	.0004456	.2460041	.0658245	.1498751
Stddev	.005391	.071572	.0007925	.0005024	.2441332	.0073430	.0059763
%RSD	.4224918	1.124936	3.353811	112.7329	99.23950	11.15535	3.987533

#1	1.270859	6.280999	.0233865	.0000942	-.032659	.0578032	.1431255
#2	1.281594	6.390176	.0245145	.0010210	.348442	.0674553	.1544944
#3	1.275361	6.415762	.0229863	.0002216	.422230	.0722149	.1520053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.122896	1.091573	.0160986	.0005863	.2067321	.5847031	.0005398
Stddev	.059740	.003074	.0007369	.0002783	.0005763	.0225906	.0010866
%RSD	1.166132	.2816518	4.577281	47.46269	.2787693	3.863607	201.2859

#1	5.158639	1.089971	.0153258	.0008541	.2064111	.6011495	.0017014
#2	5.053930	1.089631	.0161765	.0006062	.2063878	.5589450	-.000452
#3	5.156119	1.095118	.0167934	.0002986	.2073974	.5940149	.000370

Sample Name: J5869-18LX5 Acquired: 11/12/2018 17:42:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0287L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7848932	.0148267	.0912590
Stddev	.0031478	.0023107	.0012297
%RSD	.4010483	15.58490	1.347498

#1	.7812639	.0128685	.0923977
#2	.7865349	.0142363	.0899550
#3	.7868807	.0173754	.0914242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.376	2488.800	49042.14	4482.090	3661.590
Stddev	17.121	4.517	215.30	46.377	5.457
%RSD	.7588034	.1815057	.4390053	1.034721	.1490222

#1	2271.404	2486.587	49188.24	4432.790	3656.856
#2	2237.737	2493.997	48794.89	4524.850	3667.558
#3	2259.987	2485.816	49143.28	4488.630	3660.357

Sample Name: CCV095 Acquired: 11/12/2018 17:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797510	4.991273	25.44728	4.727572	4.834731	417.4420
Stddev	.000931	.003019	.04435	.016097	.002950	.7409
%RSD	.0194116	.0604891	.1742635	.3404874	.0610125	.1774873

#1	4.796515	4.990628	25.39627	4.745719	4.838132	418.2643
#2	4.797655	4.994563	25.46890	4.721980	4.832871	417.2351
#3	4.798361	4.988629	25.47667	4.715017	4.833190	416.8265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01415	.5215964	2.576856	427.0283	15.35629	2.610557
Stddev	.01669	.0004741	.002013	1.9112	.03948	.004091
%RSD	.1666160	.0908925	.0781234	.4475595	.2570711	.1567005

#1	10.02389	.5217472	2.575704	429.1468	15.32199	2.606514
#2	10.02369	.5219767	2.575684	425.4336	15.39944	2.610463
#3	9.99489	.5210652	2.579181	426.5045	15.34743	2.614693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20959	434.0802	15.65473	429.8092	2.553458	1.320941
Stddev	.04288	3.2776	.13696	2.4361	.004477	.004493
%RSD	.2819403	.7550742	.8749039	.5667778	.1753423	.3401227

#1	15.24456	437.8423	15.80854	432.6212	2.548596	1.324296
#2	15.22245	431.8416	15.54594	428.4672	2.554368	1.322691
#3	15.16174	432.5566	15.60970	428.3393	2.557411	1.315837

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.4430	2.585059	14.98680	155.3231	F 2.679748	5.220322
Stddev	.8305	.034378	.11711	.4519	.006404	.006557
%RSD	.1999084	1.329873	.7814444	.2909236	.2389691	.1256060

#1	415.9829	2.623940	15.11298	154.8021	2.687134	5.227669
#2	414.4867	2.572547	14.88159	155.6091	2.676353	5.218232
#3	415.8595	2.558688	14.96582	155.5579	2.675756	5.215064

Sample Name: CCV095 Acquired: 11/12/2018 17:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893682	F 2.388237	4.996928	5.156555	5.104839	5.130306
Stddev	.003611	.000473	.008730	.002892	.027077	.005894
%RSD	.0737838	.0198250	.1747102	.0560789	.5304128	.1148889

#1	4.891387	2.387694	5.006682	5.157109	5.135885	5.137029
#2	4.891815	2.388566	4.994258	5.153426	5.092525	5.127861
#3	4.897844	2.388450	4.989845	5.159130	5.086109	5.126027

Elem	Sr4077
Units	ppm
Avg	5.132961
Stddev	.020440
%RSD	.3982056

#1	5.114576
#2	5.154970
#3	5.129337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.152	2057.044	45325.15	4109.966	2959.407
Stddev	6.216	1.975	181.24	15.972	1.653
%RSD	.3202189	.0960219	.3998686	.3886251	.0558543

#1	1934.350	2056.022	45120.97	4091.545	2960.886
#2	1946.536	2055.789	45387.47	4119.960	2957.622
#3	1942.572	2059.321	45467.00	4118.394	2959.712

Sample Name: CCB095 Acquired: 11/12/2018 17:50:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001868	-.000533	.0011992	-.001313	.0012175	-.006522	.0023903
Stddev	.000847	.001476	.0020245	.001813	.0008811	.004784	.0005368
%RSD	45.32259	277.0605	168.8230	138.1079	72.37257	73.35519	22.45601

#1	-.000903	-.000702	.0024304	-.000716	.0006355	-.003917	.0030075
#2	-.002488	-.001916	.0023046	.000126	.0007857	-.012043	.0020332
#3	-.002213	.001020	-.001137	-.003349	.0022312	-.003605	.0021300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	.0000204	.0234333	.0004840	.0000661	.0053301	-.009831
Stddev	.0000065	.0000410	.0321623	.0001559	.0002174	.0034194	.013528
%RSD	76.46804	200.5891	137.2508	32.22047	328.7140	64.15337	137.6058

#1	.0000148	.0000580	-.013542	.0006537	.0003131	.0016540	-.007808
#2	.0000087	.0000266	.038917	.0004514	-.000019	.0084161	.002572
#3	.0000019	-.000023	.044925	.0003470	-.000096	.0059201	-.024256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002109	-.018848	-.000334	-.000255	-.198671	.0031037	.0056024
Stddev	.0014862	.085494	.000041	.000241	.124230	.0033168	.0009835
%RSD	704.8393	453.5929	12.31813	94.61789	62.53062	106.8648	17.55547

#1	.0009855	-.020825	-.000289	-.000197	-.203200	.0051811	.0065911
#2	.0011497	.067617	-.000344	-.000519	-.072238	.0048515	.0046242
#3	-.001503	-.103337	-.000370	-.000047	-.320575	-.000721	.0055918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355533	-.001601	.0040523	-.000029	-.000072	.0053178	-.001227
Stddev	.0722579	.000650	.0006247	.000417	.001246	.0084198	.000360
%RSD	203.2381	40.61633	15.41468	1441.530	1740.180	158.3319	29.32200

#1	.0864216	-.002352	.0046912	.000177	-.001264	.0149789	-.001221
#2	-.047157	-.001212	.0040227	.000245	-.000173	.0014317	-.001590
#3	.067395	-.001239	.0034429	-.000509	.001222	-.000457	-.000871

Sample Name: CCB095 Acquired: 11/12/2018 17:50:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v705) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB095 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001072	-.006449	-.000025
Stddev	.002768	.002123	.000090
%RSD	258.1706	32.91469	363.1523

#1	-.002959	-.008603	-.000044
#2	-.002364	-.004359	-.000103
#3	.002106	-.006385	.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.278	2417.630	46997.34	4278.503	3686.212
Stddev	13.567	5.546	387.65	29.760	2.750
%RSD	.6274270	.2294010	.8248241	.6955682	.0746089

#1	2167.298	2414.144	46852.43	4290.430	3683.722
#2	2146.917	2414.720	46703.03	4300.450	3685.749
#3	2172.619	2424.025	47436.57	4244.630	3689.164