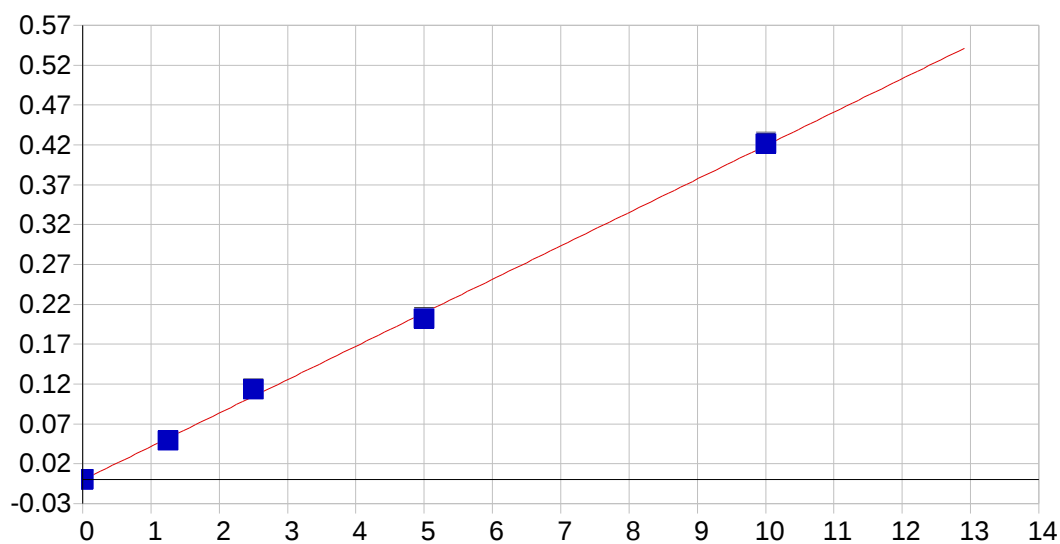


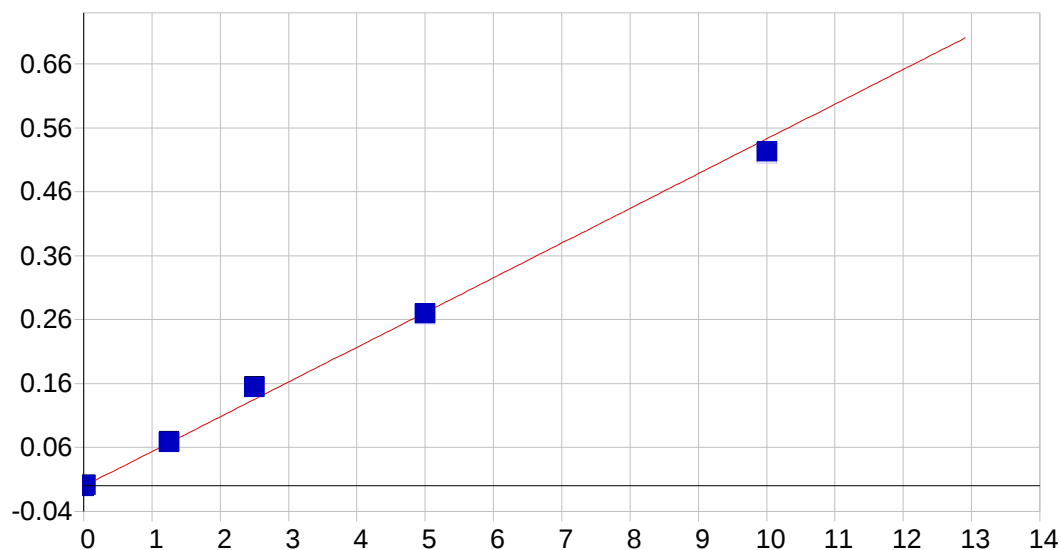


As 189.042 {479}

Date of Fit: 11/20/2018 13:46:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000321 Re-Slope: 1.000000
 A1 (Gain): 0.041947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999237 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003663
 Predicted MQL: 0.012210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00968	.000	-3.24	.00009	.000	1
S2	1.2500	1.1736	-.076	-6.11	.04911	.000	1
S3	2.5000	2.7076	.208	8.30	.11366	.000	1
S4	5.0000	4.8172	-.183	-3.66	.20256	.001	1
S5	10.000	10.052	.052	.519	.42295	.001	1

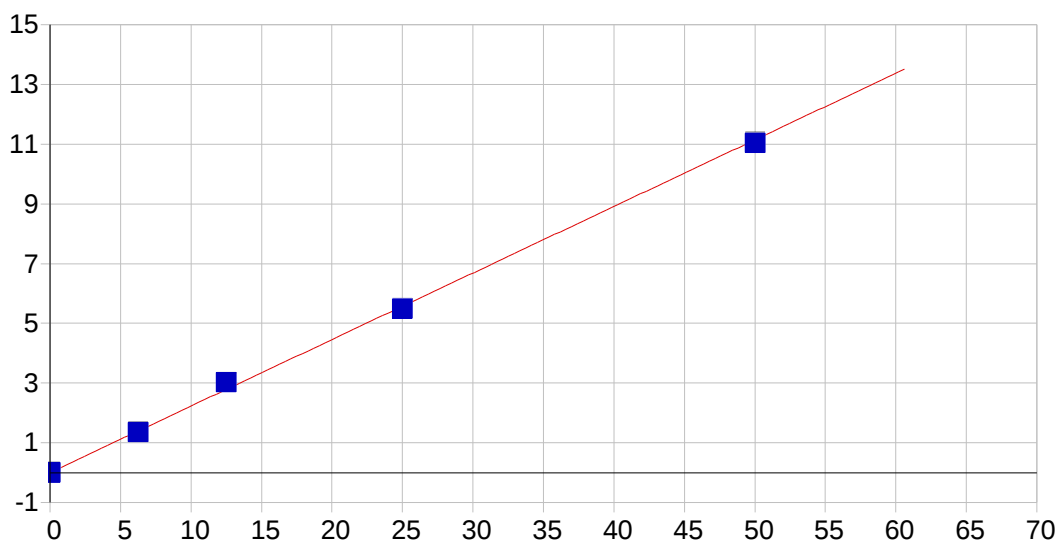


TI 190.856 {477}

Date of Fit: 11/20/2018 13:46:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000478 Re-Slope: 1.000000
 A1 (Gain): 0.054329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998207 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.002351
 Predicted MQL: 0.007835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00048	.000	1
S1	.02500	.03009	.005	20.4	.00114	.000	1
S2	1.2500	1.2772	.027	2.17	.06850	.001	1
S3	2.5000	2.8592	.359	14.4	.15404	.001	1
S4	5.0000	4.9736	-.026	-.529	.26809	.000	1
S5	10.000	9.6350	-.365	-3.65	.51970	.000	1

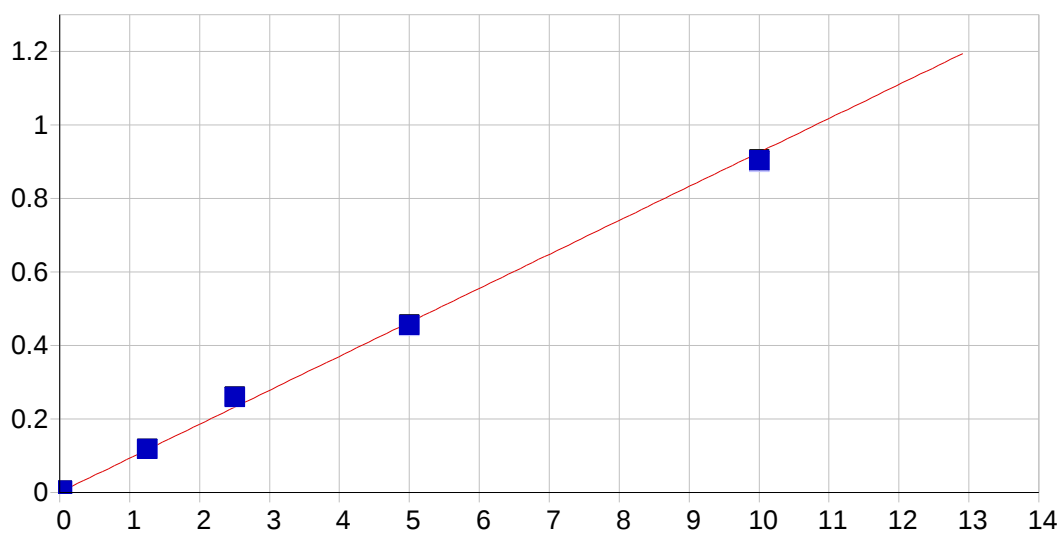


Pb 220.353 {453}

Date of Fit: 11/20/2018 13:46:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.222851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999455 Status: OK.
 Std Error of Est: 0.000276
 Predicted MDL: 0.001503
 Predicted MQL: 0.005011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01000	.01069	.001	6.90	.00204	.000	1
S2	6.2500	6.0702	-.180	-2.88	1.3543	.004	1
S3	12.500	13.542	1.04	8.34	3.0214	.006	1
S4	25.000	24.621	-.379	-1.52	5.4941	.007	1
S5	50.000	49.517	-.483	-.967	11.050	.011	1

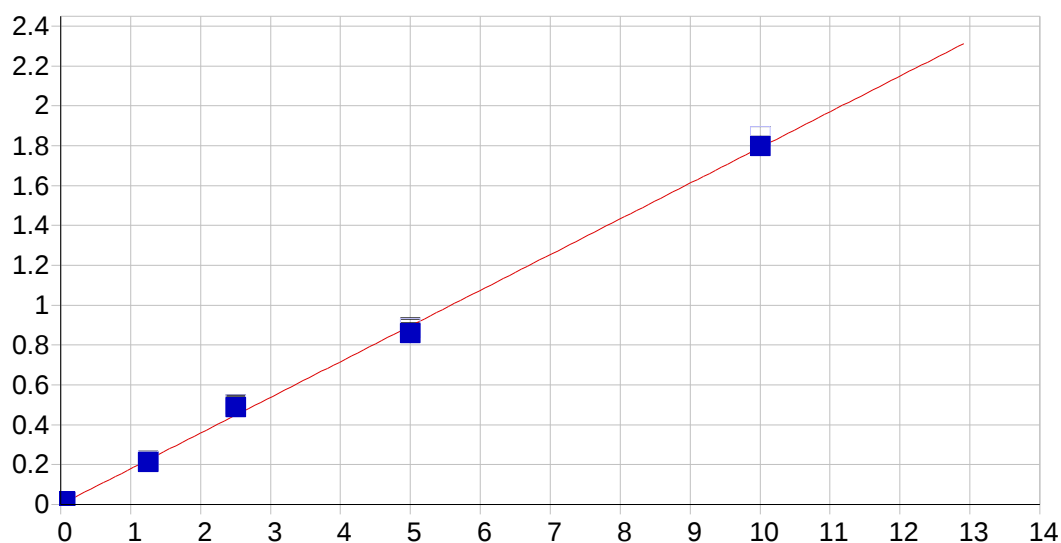


Se 196.090 {472}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.092441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998787 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.002534
 Predicted MQL: 0.008446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00080	.000	1
S1	.03500	.04116	.006	17.6	.00460	.000	1
S2	1.2500	1.2658	.016	1.27	.11727	.000	1
S3	2.5000	2.8032	.303	12.1	.25884	.000	1
S4	5.0000	4.9132	-.087	-1.74	.45281	.001	1
S5	10.000	9.7616	-.238	-2.38	.89884	.003	1



Date of Fit: 11/20/2018 13:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000286

Re-Slope: 1.000000

A1 (Gain): 0.179106

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999153

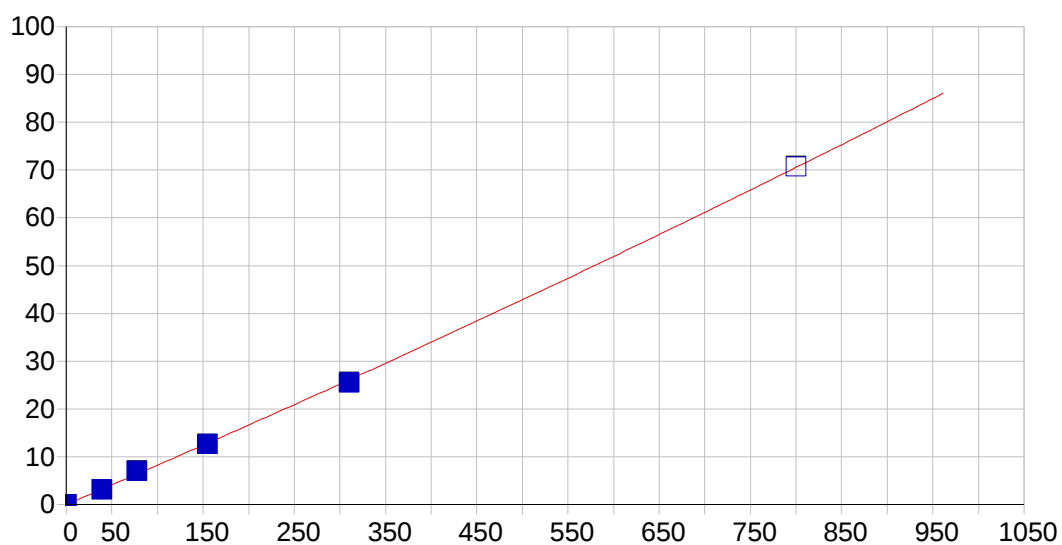
Status: OK.

Std Error of Est: 0.000312

Predicted MDL: 0.001660

Predicted MQL: 0.005534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00028	.000	1
S1	.06000	.06843	.008	14.1	.01254	.000	1
S2	1.2500	1.1819	-.068	-5.45	.21807	.000	1
S3	2.5000	2.7259	.226	9.04	.50070	.001	1
S4	5.0000	4.7971	-.203	-4.06	.88386	.003	1
S5	10.000	10.037	.037	.369	1.8467	.001	1

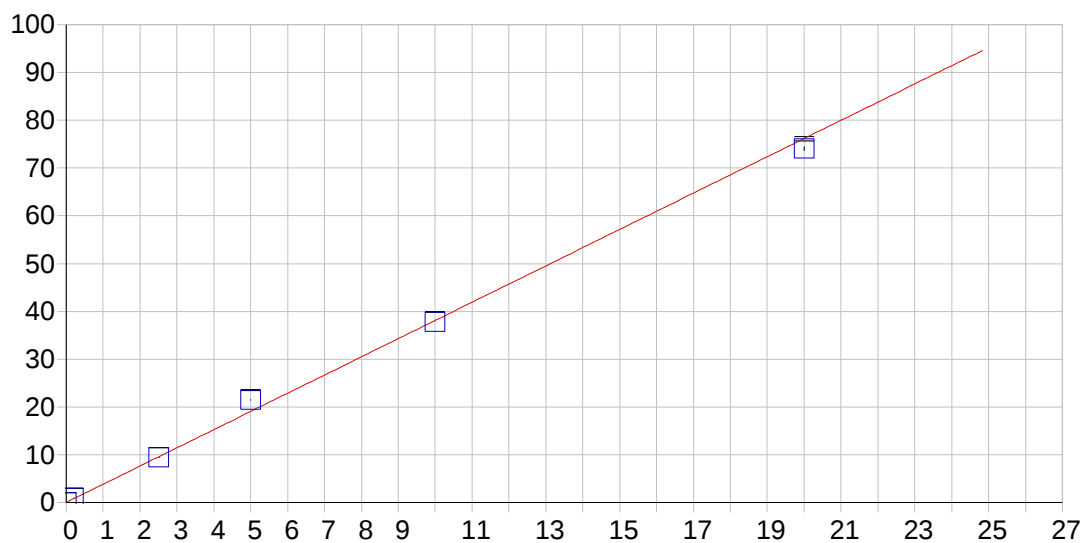


AI 396.152 { 85}

Date of Fit: 11/20/2018 13:50:55 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.003407	Re-Slope: 1.000000
A1 (Gain):	0.081506	Y-int: 0.000000
A2 (Curvature):	0.000008	
n (Exponent):	1.000000	
Correlation:	0.999630	Status: Warning Positive Curvature
Std Error of Est:	0.001630	
Predicted MDL:	0.014433	
Predicted MQL:	0.048111	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.00340	.001	1
S1	.20000	.24952	.050	24.8	.02377	.000	1
S2	38.750	38.071	-.679	-1.75	3.1215	.014	1
S3	77.500	85.626	8.13	10.5	7.0495	.031	1
S4	155.00	152.20	-2.80	-1.81	12.613	.045	1
S5	310.00	303.05	-6.95	-2.24	25.493	.104	1
S6	800.00	802.28	2.28	.285	70.760	.083	1

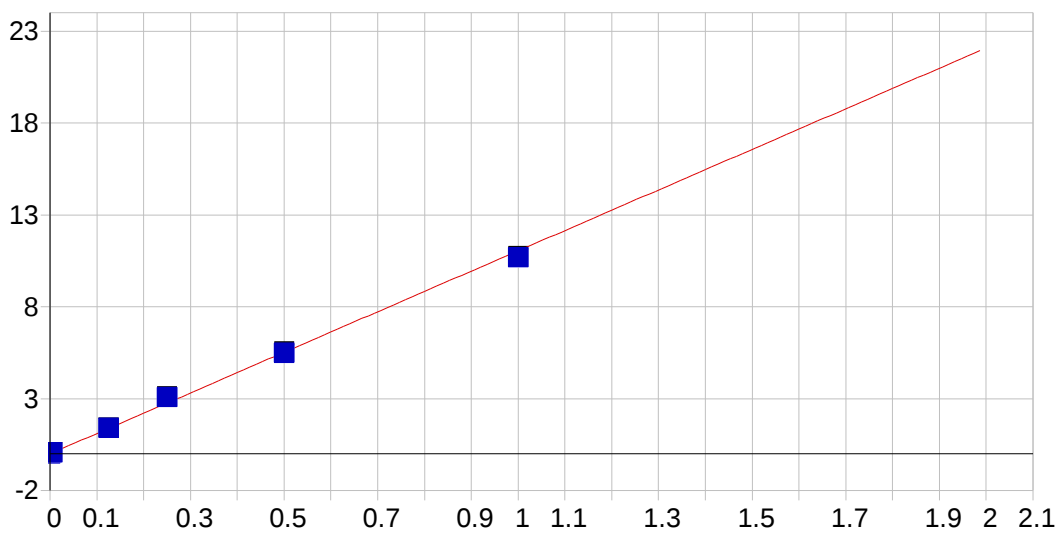


Ba 493.409 { 68}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024516 Re-Slope: 1.000000
 A1 (Gain): 3.807904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998628 Status: OK.
 Std Error of Est: 0.021222
 Predicted MDL: 0.000957
 Predicted MQL: 0.003192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.02430	.002	1
S1	.20000	.24179	.042	20.9	.94522	.014	1
S2	2.5000	2.4600	-.040	-1.60	9.3921	.009	1
S3	5.0000	5.6271	.627	12.5	21.452	.079	1
S4	10.000	9.9174	-.083	-.826	37.789	.050	1
S5	20.000	19.454	-.546	-2.73	74.102	.454	1

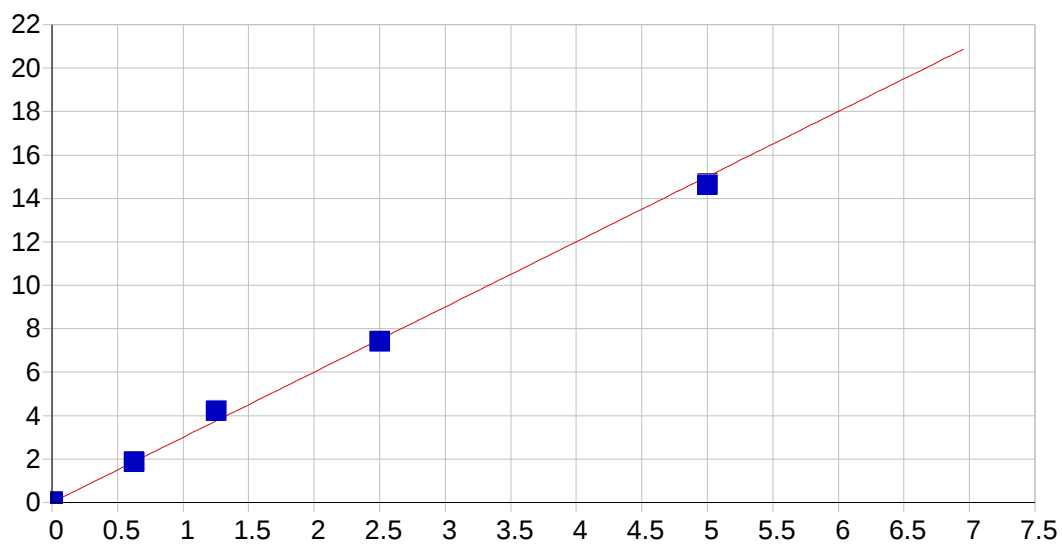


Be 234.861 {144}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003488 Re-Slope: 1.000000
 A1 (Gain): 11.043696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998698 Status: OK.
 Std Error of Est: 0.002108
 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	-.00351	.000	1
S1	.00500	.00607	.001	21.4	.06350	.001	1
S2	.12500	.12773	.003	2.18	1.4011	.005	1
S3	.25000	.27992	.030	12.0	3.0758	.020	1
S4	.50000	.49759	-.002	-.482	5.4676	.048	1
S5	1.0000	.96869	-.031	-3.13	10.646	.057	1

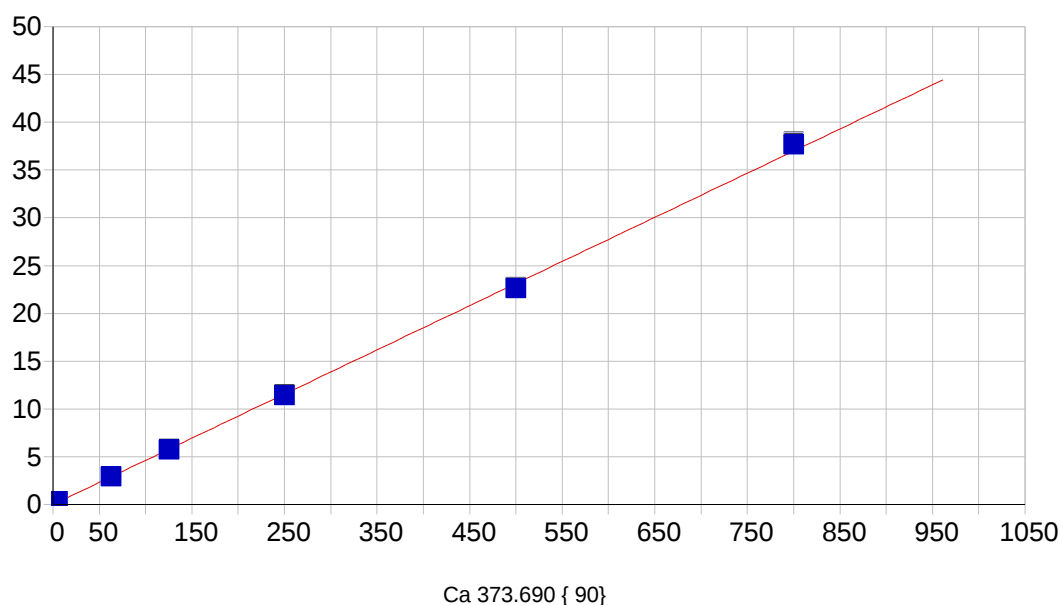


Cd 214.438 {457}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000261 Re-Slope: 1.000000
 A1 (Gain): 3.001076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998741 Status: OK.
 Std Error of Est: 0.001266
 Predicted MDL: 0.000076
 Predicted MQL: 0.000253

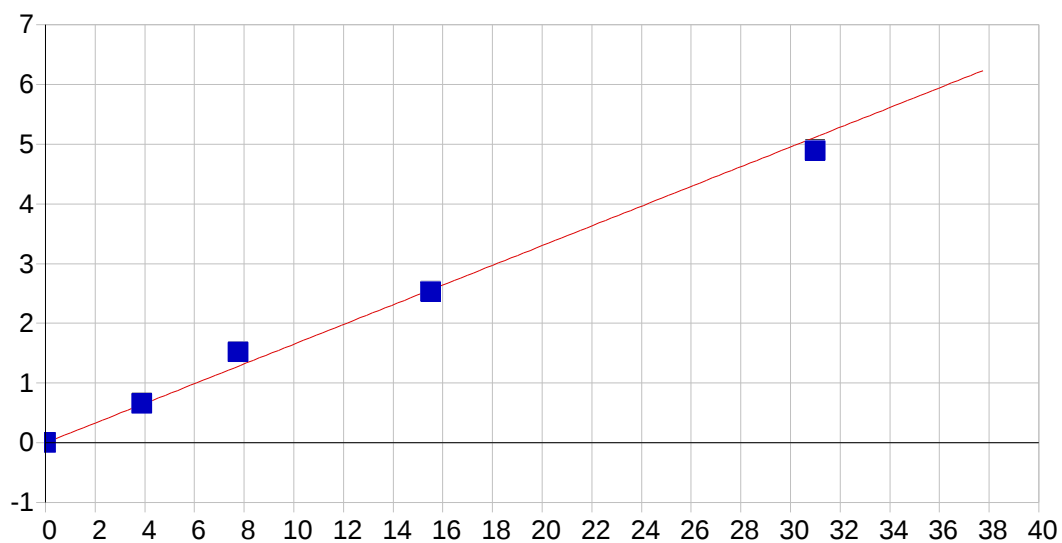
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.00500	.00629	.001	25.8	.01915	.000	1
S2	.62500	.62220	-.003	-.449	1.8714	.006	1
S3	1.2500	1.4077	.158	12.6	4.2327	.004	1
S4	2.5000	2.4684	-.032	-1.26	7.4236	.011	1
S5	5.0000	4.8753	-.125	-2.49	14.662	.024	1



Date of Fit: 11/20/2018 13:50:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002819 Re-Slope: 1.000000
 A1 (Gain): 0.046224 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.003573
 Predicted MDL: 0.020245
 Predicted MQL: 0.067482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00108	-.001	.000	.00277	.001	1
S1	5.0000	6.2081	1.21	24.2	.28981	.005	1
S2	62.500	62.717	.217	.347	2.9121	.022	1
S3	125.00	123.70	-1.30	-1.04	5.7411	.037	1
S4	250.00	246.45	-3.55	-1.42	11.436	.030	1
S5	500.00	489.04	-11.0	-2.19	22.691	.052	1
S6	800.00	814.35	14.4	1.79	37.865	.054	1

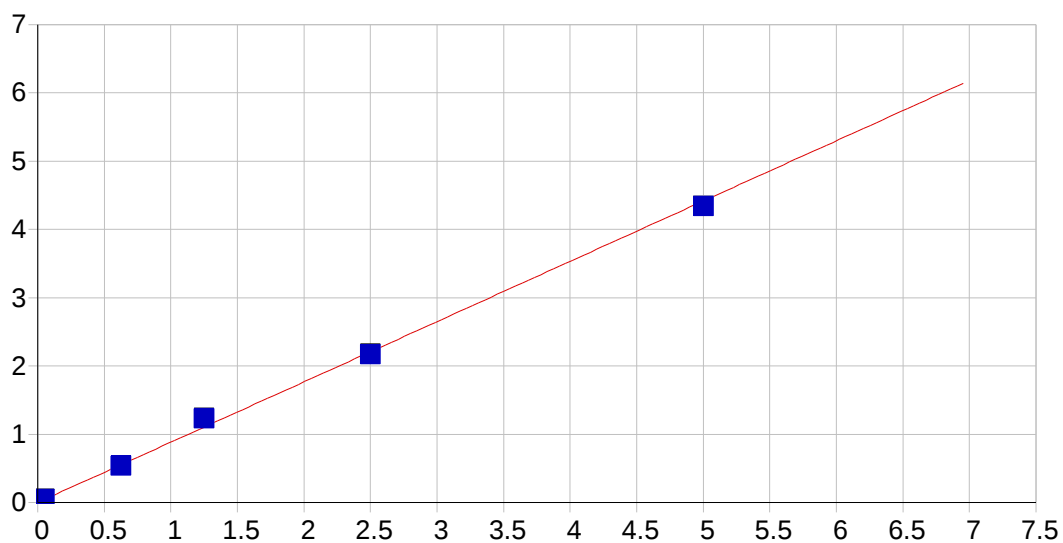


Cr 267.716 {126}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.165080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997082 Status: OK.
 Std Error of Est: 0.000374
 Predicted MDL: 0.000528
 Predicted MQL: 0.001761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00003	.000	1
S1	.01000	.01353	.004	35.3	.00227	.000	1
S2	3.8750	3.9828	.108	2.78	.65863	.001	1
S3	7.7500	9.2066	1.46	18.8	1.5221	.001	1
S4	15.500	15.315	-.185	-1.19	2.5328	.004	1
S5	31.000	29.617	-1.38	-4.46	4.8982	.003	1

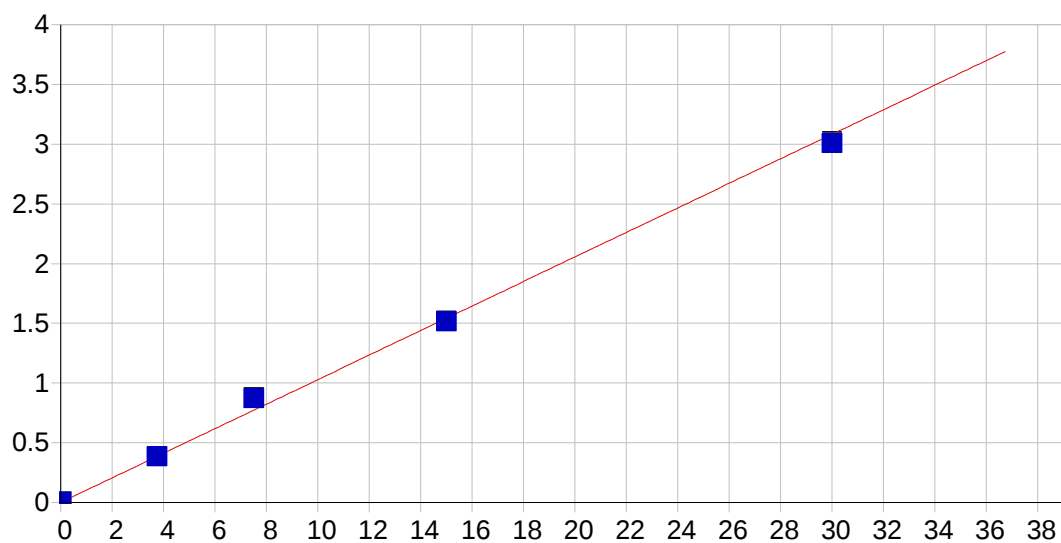


Co 228.616 {448}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.883199 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998892 Status: OK.
 Std Error of Est: 0.001108
 Predicted MDL: 0.000254
 Predicted MQL: 0.000847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00011	.000	1
S1	.05000	.05795	.008	15.9	.05147	.000	1
S2	.62500	.60910	-.016	-2.54	.53917	.002	1
S3	1.2500	1.3950	.145	11.6	1.2344	.003	1
S4	2.5000	2.4531	-.047	-1.88	2.1711	.004	1
S5	5.0000	4.9098	-.090	-1.80	4.3452	.006	1

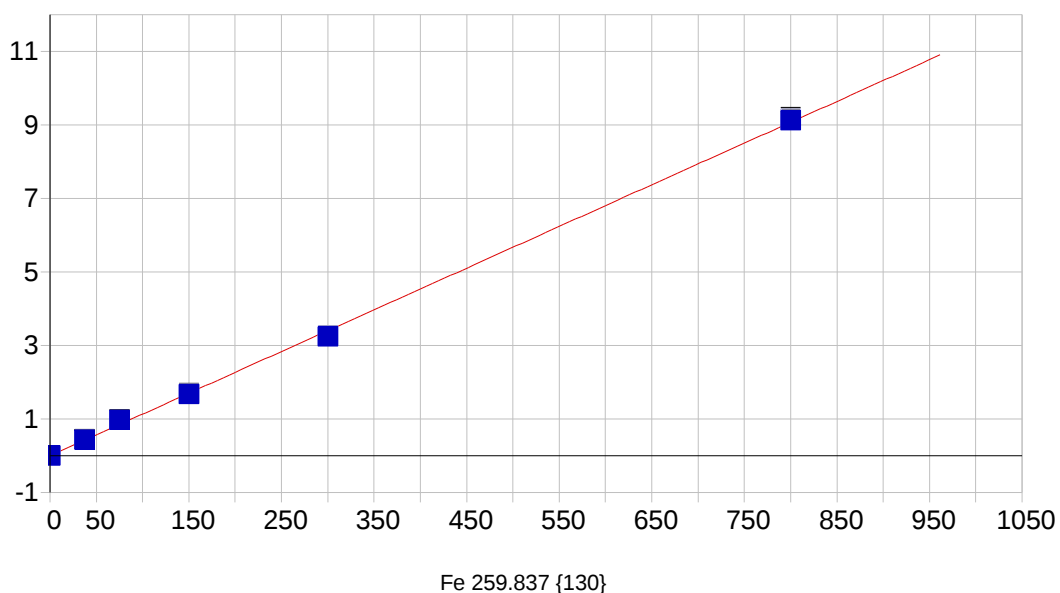


Cu 324.754 {104}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001342 Re-Slope: 1.000000
 A1 (Gain): 0.102703 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998630 Status: OK.
 Std Error of Est: 0.000247
 Predicted MDL: 0.005107
 Predicted MQL: 0.017022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00134	.001	1
S1	.02500	.03224	.007	29.0	.00465	.000	1
S2	3.7500	3.7274	-.023	-.603	.38392	.001	1
S3	7.5000	8.4894	.989	13.2	.87275	.005	1
S4	15.000	14.745	-.255	-1.70	1.5147	.003	1
S5	30.000	29.281	-.719	-2.40	3.0067	.013	1



Date of Fit: 11/20/2018 13:50:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000344

Re-Slope: 1.000000

A1 (Gain): 0.011341

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999202

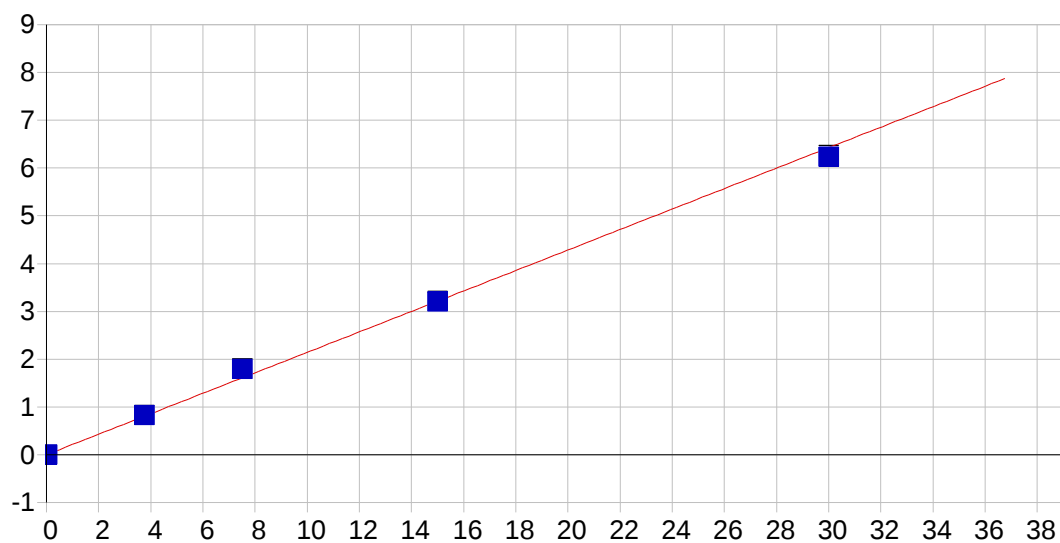
Status: OK.

Std Error of Est: 0.000199

Predicted MDL: 0.024154

Predicted MQL: 0.080512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00034	.000	1
S1	.10000	.11077	.011	10.8	.00162	.000	1
S2	37.500	38.305	.805	2.15	.43704	.004	1
S3	75.000	85.548	10.5	14.1	.97511	.004	1
S4	150.00	147.72	-2.28	-1.52	1.6848	.012	1
S5	300.00	286.20	-13.8	-4.60	3.2644	.011	1
S6	800.00	804.72	4.72	.590	9.1680	.035	1

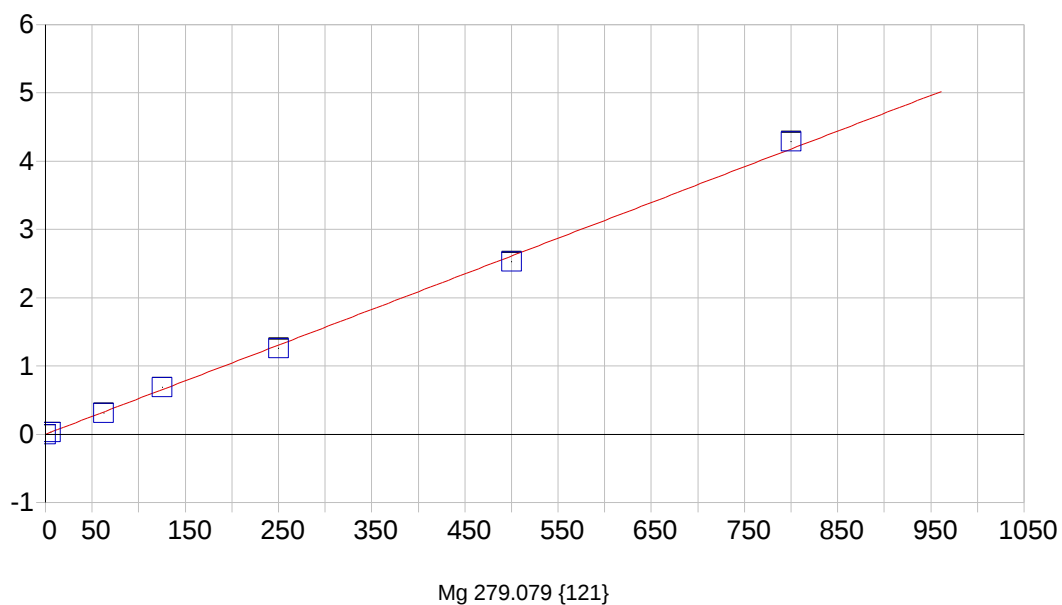


Mn 257.610 {131}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.214220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998836 Status: OK.
 Std Error of Est: 0.000368
 Predicted MDL: 0.001308
 Predicted MQL: 0.004362

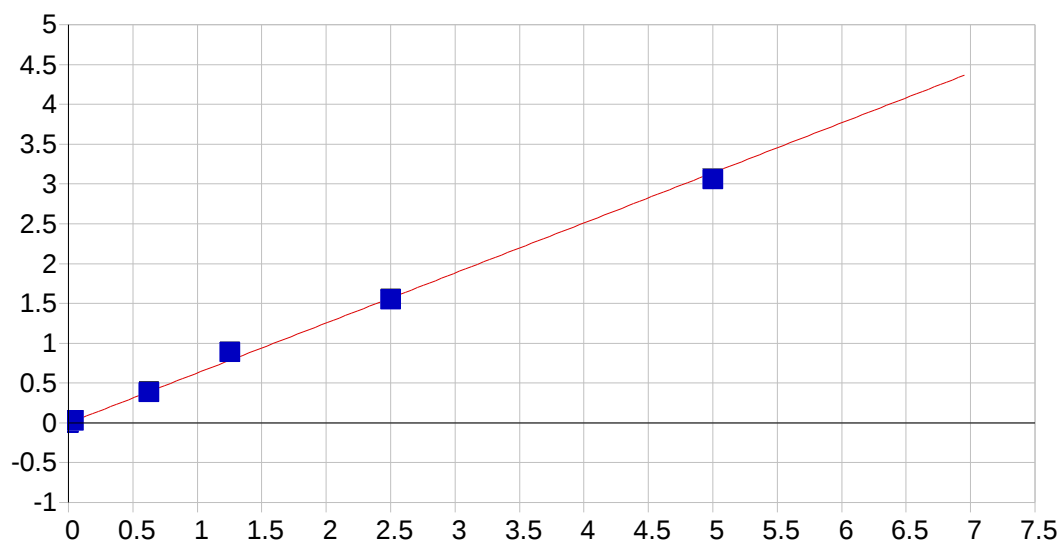
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00004	.000	1
S1	.01500	.02001	.005	33.4	.00425	.000	1
S2	3.7500	3.8380	.088	2.35	.82233	.007	1
S3	7.5000	8.3673	.867	11.6	1.7928	.007	1
S4	15.000	14.939	-.061	-.405	3.2010	.012	1
S5	30.000	29.101	-.899	-3.00	6.2353	.029	1



Date of Fit: 11/20/2018 13:50:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.005223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999412 Status: OK.
 Std Error of Est: 0.000625
 Predicted MDL: 0.063305
 Predicted MQL: 0.211016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	.000	.000	-.00008	.000	1
S1	5.0000	5.5779	.578	11.6	.02906	.001	1
S2	62.500	59.609	-2.89	-4.62	.31128	.003	1
S3	125.00	131.97	6.97	5.57	.68921	.002	1
S4	250.00	240.40	-9.60	-3.84	1.2556	.008	1
S5	500.00	483.72	-16.3	-3.26	2.5265	.009	1
S6	800.00	821.23	21.2	2.65	4.2893	.010	1

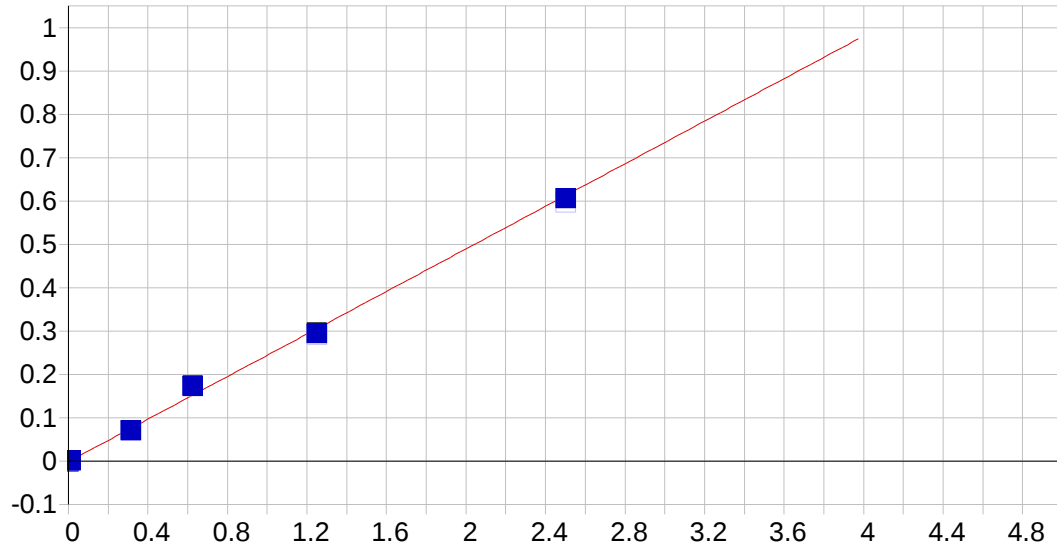


Ni 231.604 {446}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001487 Re-Slope: 1.000000
 A1 (Gain): 0.628070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998601 Status: OK.
 Std Error of Est: 0.000792
 Predicted MDL: 0.000413
 Predicted MQL: 0.001375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00149	.000	1
S1	.04000	.04903	.009	22.6	.02932	.000	1
S2	.62500	.61823	-.007	-1.08	.38761	.001	1
S3	1.2500	1.4107	.161	12.9	.88616	.001	1
S4	2.5000	2.4633	-.037	-1.47	1.5489	.004	1
S5	5.0000	4.8737	-.126	-2.53	3.0660	.002	1

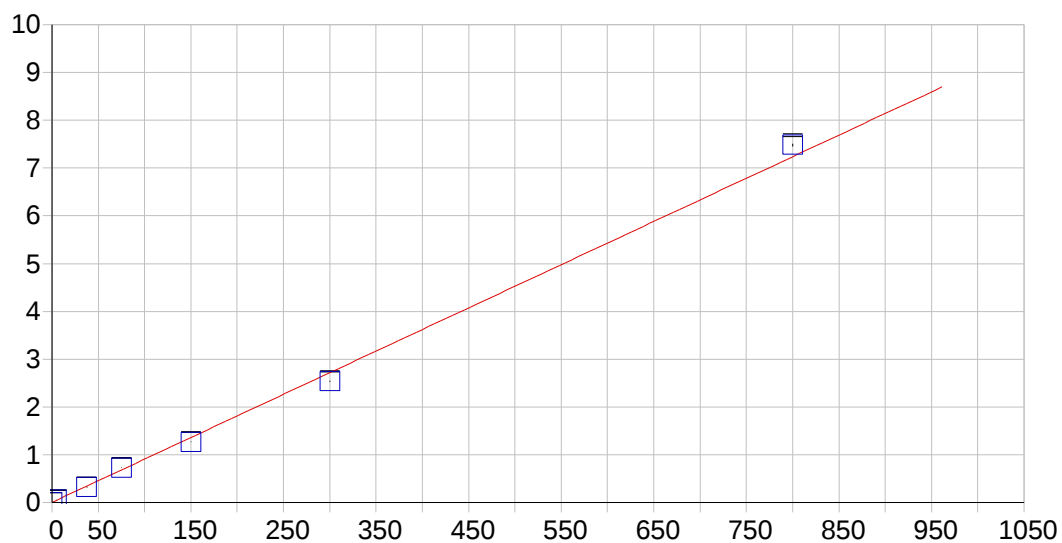


Ag 328.068 {103}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001261 Re-Slope: 1.000000
 A1 (Gain): 0.245373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998268 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000503
 Predicted MQL: 0.001677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.01000	.01192	.002	19.2	.00165	.000	1
S2	.31250	.29267	-.020	-6.35	.06938	.000	1
S3	.62500	.71316	.088	14.1	.17139	.000	1
S4	1.2500	1.2074	-.043	-3.40	.29034	.001	1
S5	2.5000	2.4723	-.028	-1.11	.59603	.001	1

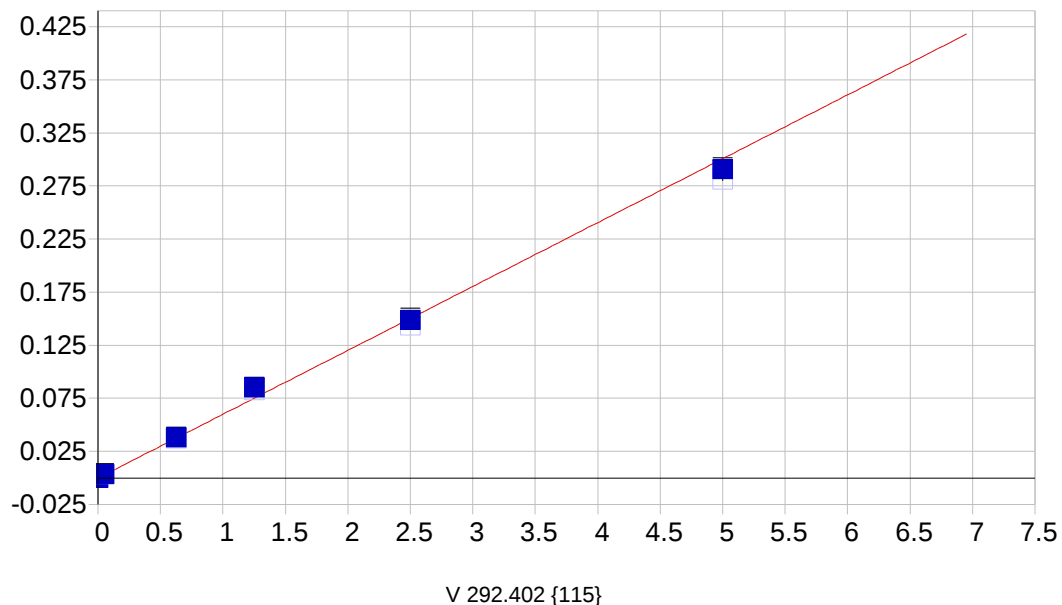


Na 818.326 { 41}

Date of Fit: 11/20/2018 13:50:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004087 Re-Slope: 1.000000
 A1 (Gain): 0.009041 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998745 Status: OK.
 Std Error of Est: 0.001402
 Predicted MDL: 0.285623
 Predicted MQL: 0.952076

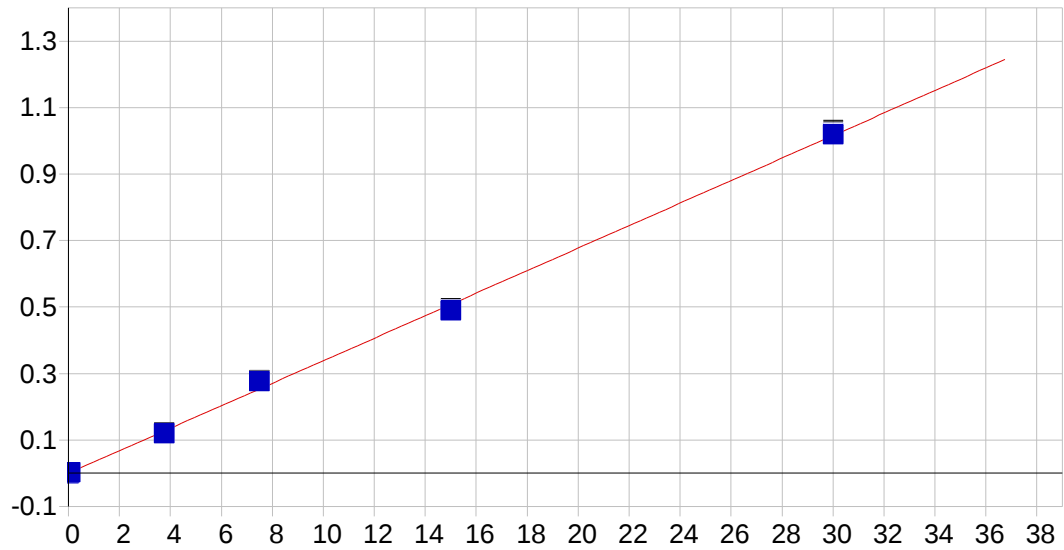
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00409	.002	1
S1	5.0000	5.4581	.458	9.16	.05343	.003	1
S2	37.500	34.751	-2.75	-7.33	.31826	.000	1
S3	75.000	79.972	4.97	6.63	.72710	.007	1
S4	150.00	139.85	-10.1	-6.77	1.2684	.003	1
S5	300.00	280.49	-19.5	-6.50	2.5399	.012	1
S6	800.00	826.98	27.0	3.37	7.4806	.026	1



Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.060162 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998253 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.006748
 Predicted MQL: 0.022492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00016	.000	1
S1	.05000	.06363	.014	27.3	.00366	.000	1
S2	.62500	.63552	.011	1.68	.03683	.000	1
S3	1.2500	1.4138	.164	13.1	.08241	.001	1
S4	2.5000	2.4730	-.027	-1.08	.14366	.002	1
S5	5.0000	4.8385	-.161	-3.23	.28101	.001	1

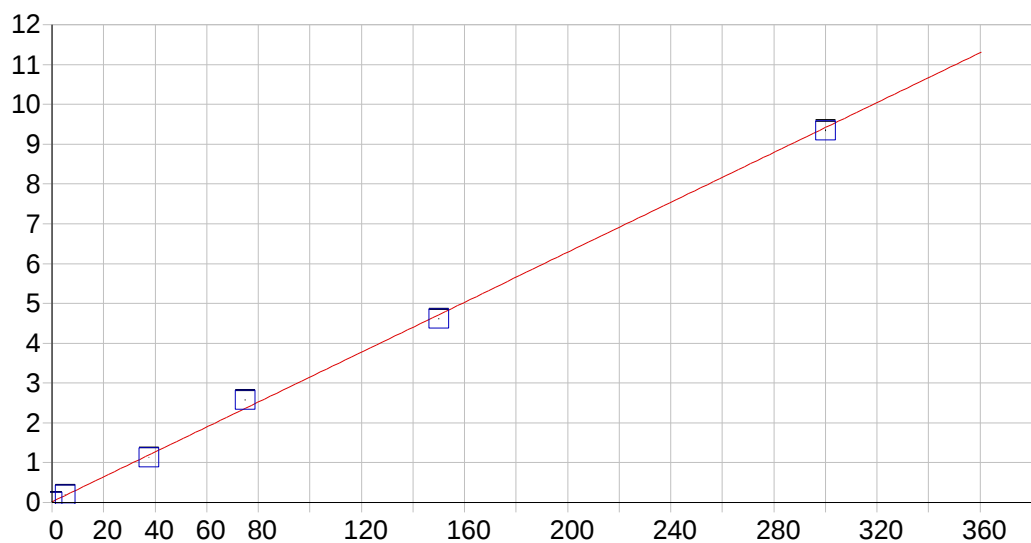


Zn 213.856 {158}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000328 Re-Slope: 1.000000
 A1 (Gain): 0.033872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999195 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.012402
 Predicted MQL: 0.041340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00033	.000	1
S1	.06000	.07552	.016	25.9	.00224	.001	1
S2	3.7500	3.5546	-.195	-5.21	.12067	.002	1
S3	7.5000	8.1559	.656	8.75	.27713	.003	1
S4	15.000	14.454	-.546	-3.64	.49164	.004	1
S5	30.000	30.070	.070	.234	1.0230	.008	1

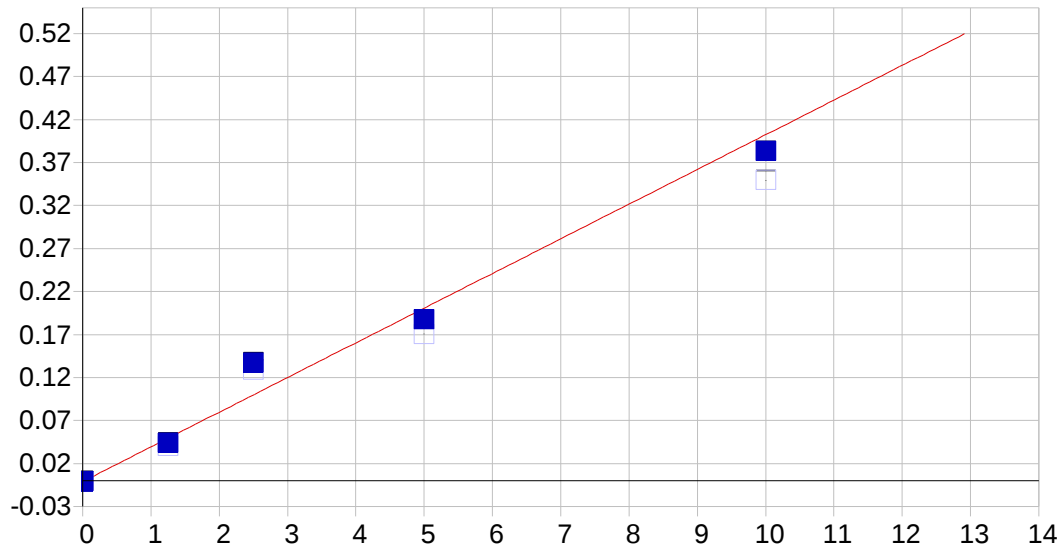


K 769.896 { 44}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019600 Re-Slope: 1.000000
 A1 (Gain): 0.031318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999217 Status: OK.
 Std Error of Est: 0.002556
 Predicted MDL: 0.073808
 Predicted MQL: 0.246027

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00077	-.001	.000	.01958	.001	1
S1	5.0000	5.7259	.726	14.5	.19892	.004	1
S2	37.500	35.551	-1.95	-5.20	1.1330	.008	1
S3	75.000	81.684	6.68	8.91	2.5778	.014	1
S4	150.00	146.74	-3.26	-2.17	4.6153	.008	1
S5	300.00	297.80	-2.20	-.734	9.3460	.022	1

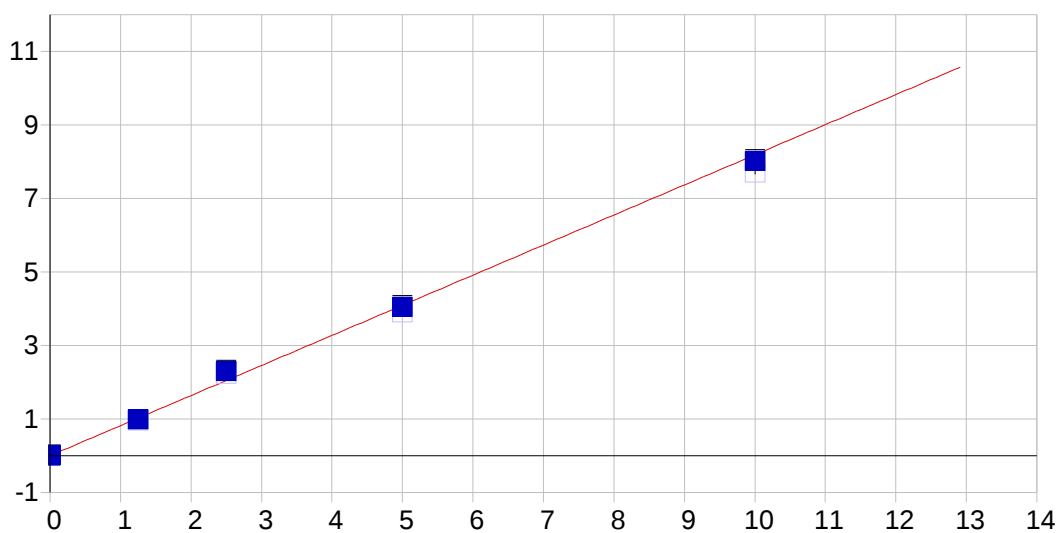


P 177.495 {490}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001005 Re-Slope: 1.000000
 A1 (Gain): 0.040338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.987380 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.002463
 Predicted MQL: 0.008210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.01000	.01037	.000	3.67	-.00061	.000	1
S2	1.2500	1.1194	-.131	-10.4	.03992	.000	1
S3	2.5000	3.4319	.932	37.3	.12896	.001	1
S4	5.0000	4.6715	-.328	-6.57	.17050	.000	1
S5	10.000	9.5268	-.473	-4.73	.34942	.000	1

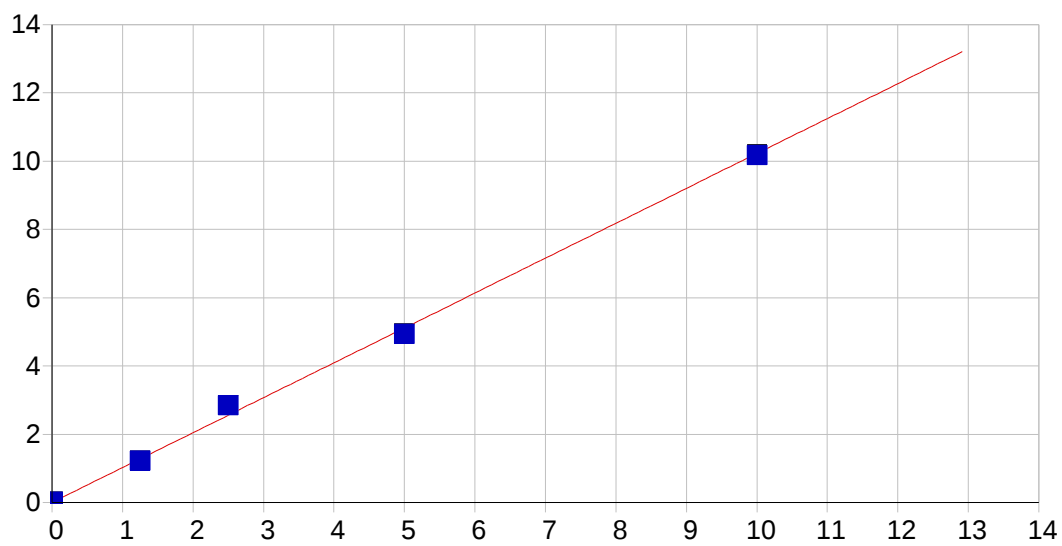


B 249.678 {135}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.818784 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998753 Status: OK.
 Std Error of Est: 0.000660
 Predicted MDL: 0.000918
 Predicted MQL: 0.003061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.001	1
S1	.01000	.01110	.001	11.0	.00908	.000	1
S2	1.2500	1.2059	-.044	-3.53	.94814	.002	1
S3	2.5000	2.8037	.304	12.1	2.2170	.026	1
S4	5.0000	4.9426	-.057	-1.15	3.8897	.047	1
S5	10.000	9.7967	-.203	-2.03	7.7069	.044	1

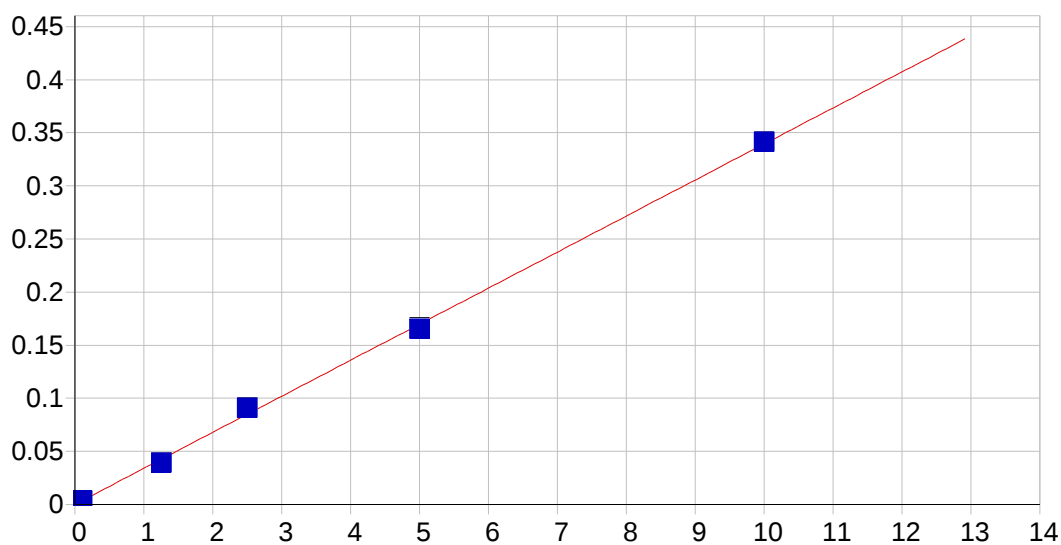


Mo 202.030 {467}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000990 Re-Slope: 1.000000
 A1 (Gain): 1.022612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998946 Status: OK.
 Std Error of Est: 0.000788
 Predicted MDL: 0.000256
 Predicted MQL: 0.000852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00099	.000	1
S1	.01000	.01137	.001	13.7	.01261	.000	1
S2	1.2500	1.1931	-.057	-4.56	1.2210	.001	1
S3	2.5000	2.7767	.277	11.1	2.8404	.001	1
S4	5.0000	4.8274	-.173	-3.45	4.9373	.012	1
S5	10.000	9.9515	-.048	-.485	10.177	.010	1

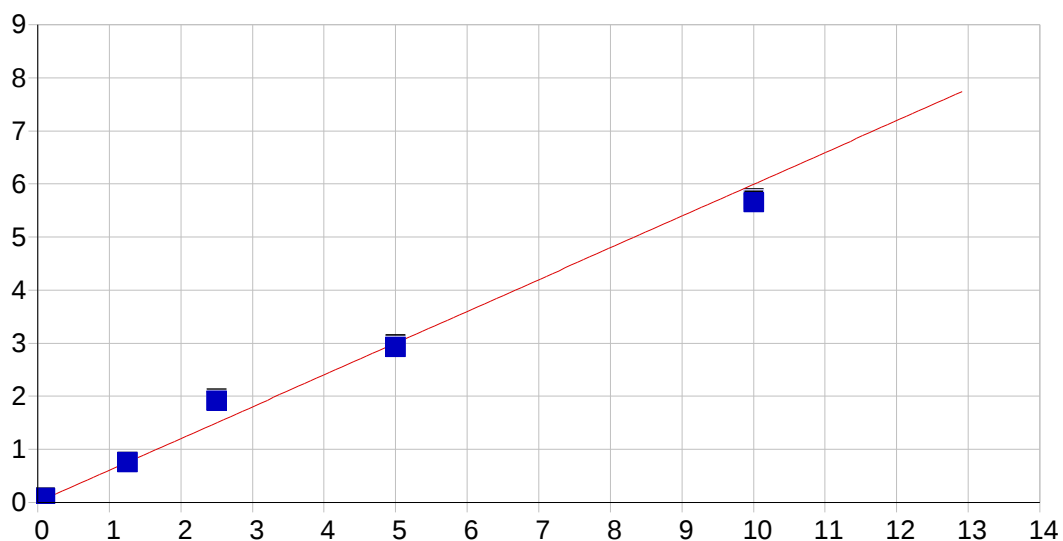


S 182.034 {485}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.033932 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999361 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.003662
 Predicted MQL: 0.012208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.10000	.10503	.005	5.03	.00367	.000	1
S2	1.2500	1.1462	-.104	-8.30	.03902	.000	1
S3	2.5000	2.6721	.172	6.88	.09081	.000	1
S4	5.0000	4.8749	-.125	-2.50	.16558	.001	1
S5	10.000	10.052	.052	.518	.34130	.000	1

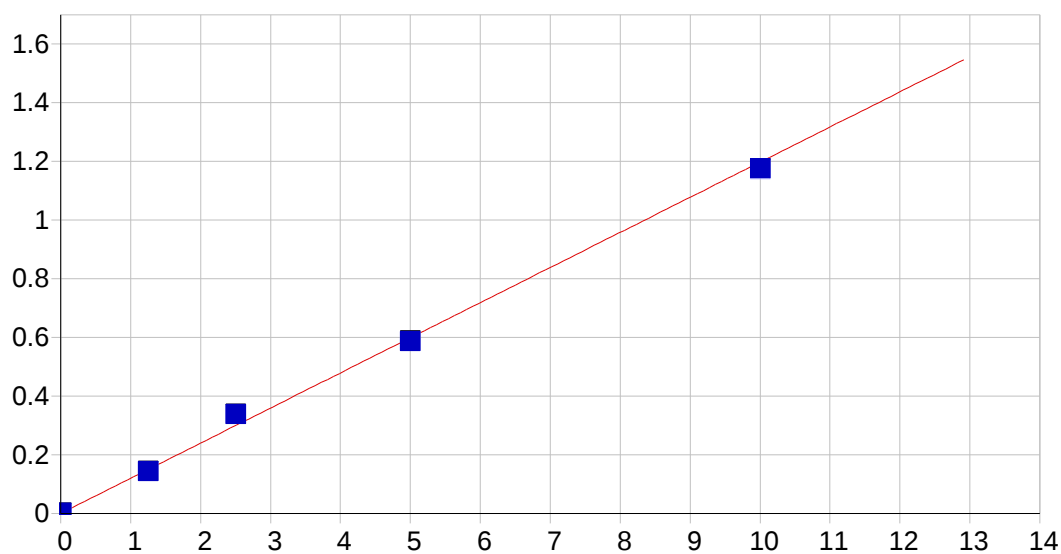


Si 251.611 {134}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007376 Re-Slope: 1.000000
 A1 (Gain): 0.598651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994077 Status: OK.
 Std Error of Est: 0.003506
 Predicted MDL: 0.001140
 Predicted MQL: 0.003801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00735	.000	1
S1	.10000	.12604	.026	26.0	.08304	.003	1
S2	1.2500	1.2489	-.001	-.089	.76116	.004	1
S3	2.5000	3.1816	.682	27.3	1.9243	.024	1
S4	5.0000	4.8657	-.134	-2.69	2.9448	.033	1
S5	10.000	9.4279	-.572	-5.72	5.7005	.028	1

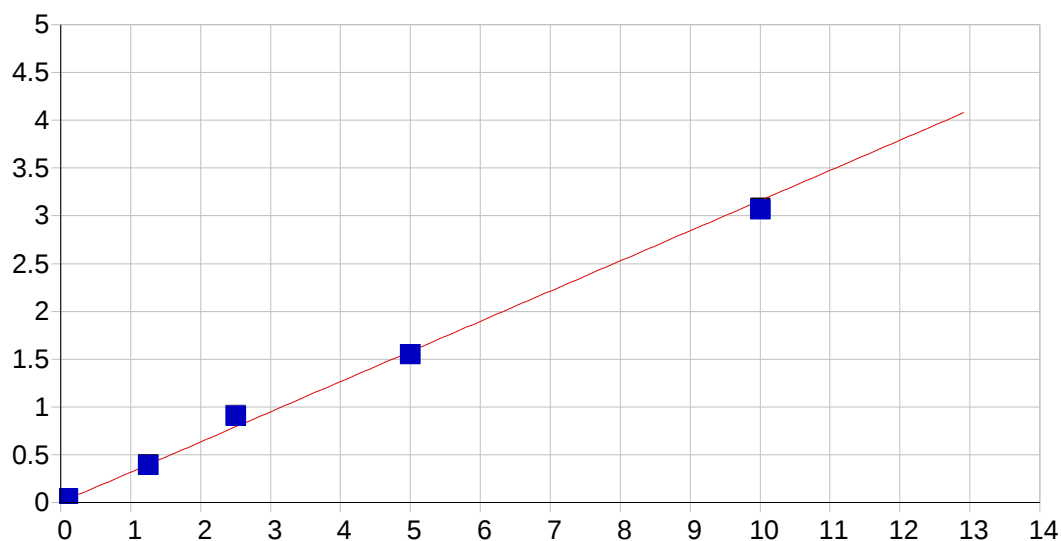


Sn 189.989 {478}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.119758 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998679 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.001015
 Predicted MQL: 0.003383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.00700	.00702	.000	.239	.00108	.000	1
S2	1.2500	1.2009	-.049	-3.93	.14376	.001	1
S3	2.5000	2.8256	.326	13.0	.33800	.000	1
S4	5.0000	4.9052	-.095	-1.90	.58639	.002	1
S5	10.000	9.8183	-.182	-1.82	1.1735	.001	1

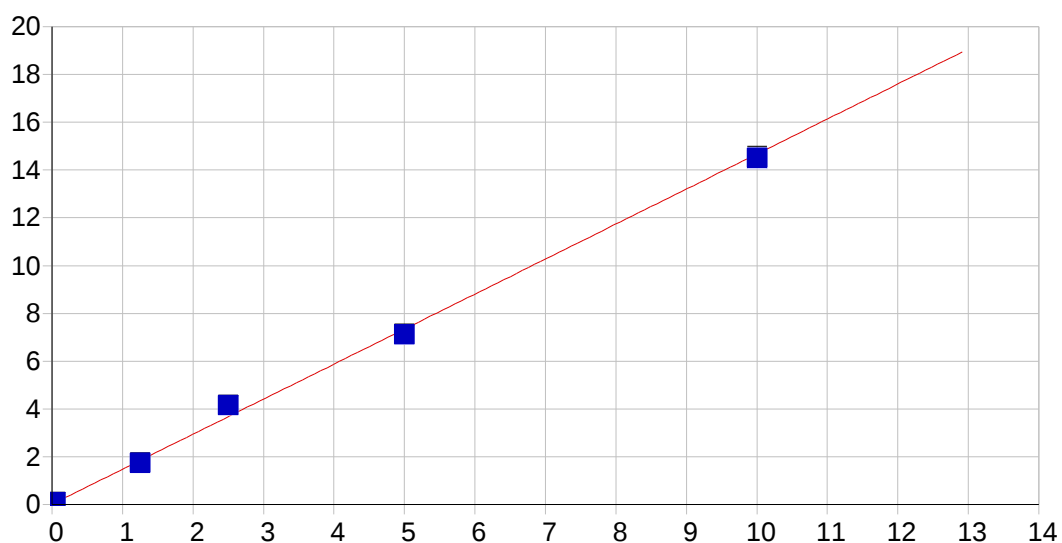


Ti 336.121 {100}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001654 Re-Slope: 1.000000
 A1 (Gain): 0.315760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998129 Status: OK.
 Std Error of Est: 0.001028
 Predicted MDL: 0.002125
 Predicted MQL: 0.007083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00164	.000	1
S1	.10000	.12022	.020	20.2	.03961	.001	1
S2	1.2500	1.2401	-.010	-.795	.39307	.002	1
S3	2.5000	2.8751	.375	15.0	.90922	.005	1
S4	5.0000	4.9032	-.097	-1.94	1.5493	.002	1
S5	10.000	9.7114	-.289	-2.89	3.0669	.012	1



Li 670.784 { 50}

Date of Fit: 11/20/2018 13:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012624 Re-Slope: 1.000000
 A1 (Gain): 1.465744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998614 Status: OK.
 Std Error of Est: 0.002882
 Predicted MDL: 0.001797
 Predicted MQL: 0.005990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01262	.002	1
S5	10.000	9.8963	-.104	-1.04	14.436	.058	1
S4	5.0000	4.8534	-.147	-2.93	7.0853	.005	1
S3	2.5000	2.8214	.321	12.9	4.1274	.019	1
S2	1.2500	1.1746	-.075	-6.04	1.7239	.004	1
S1	.05000	.05433	.004	8.67	.09212	.002	1



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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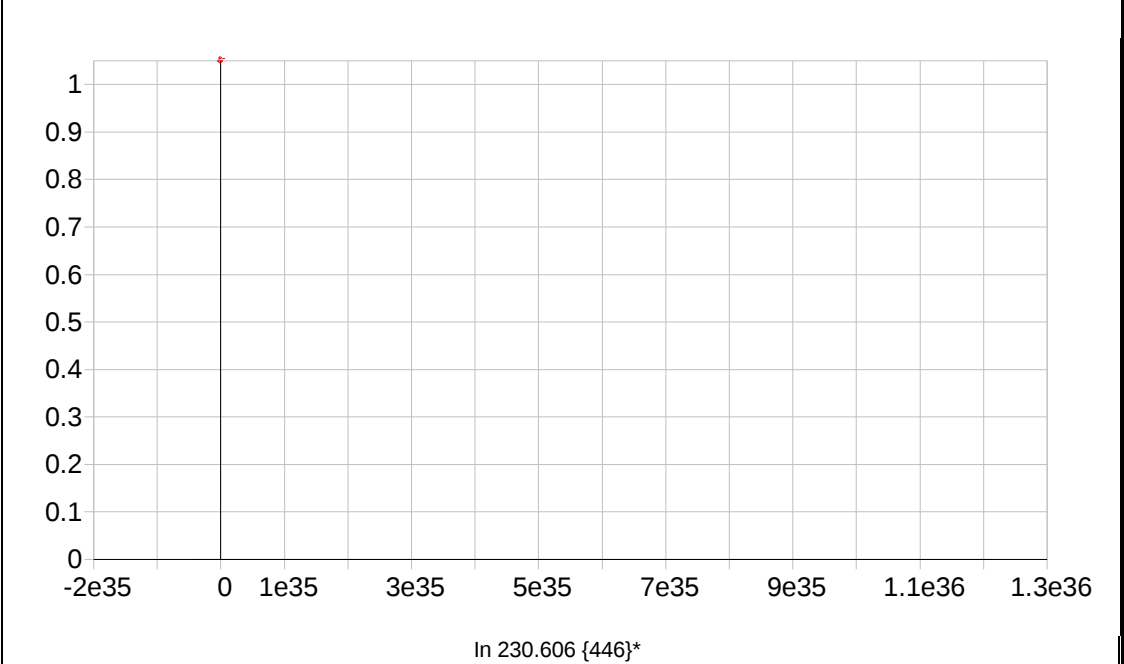
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



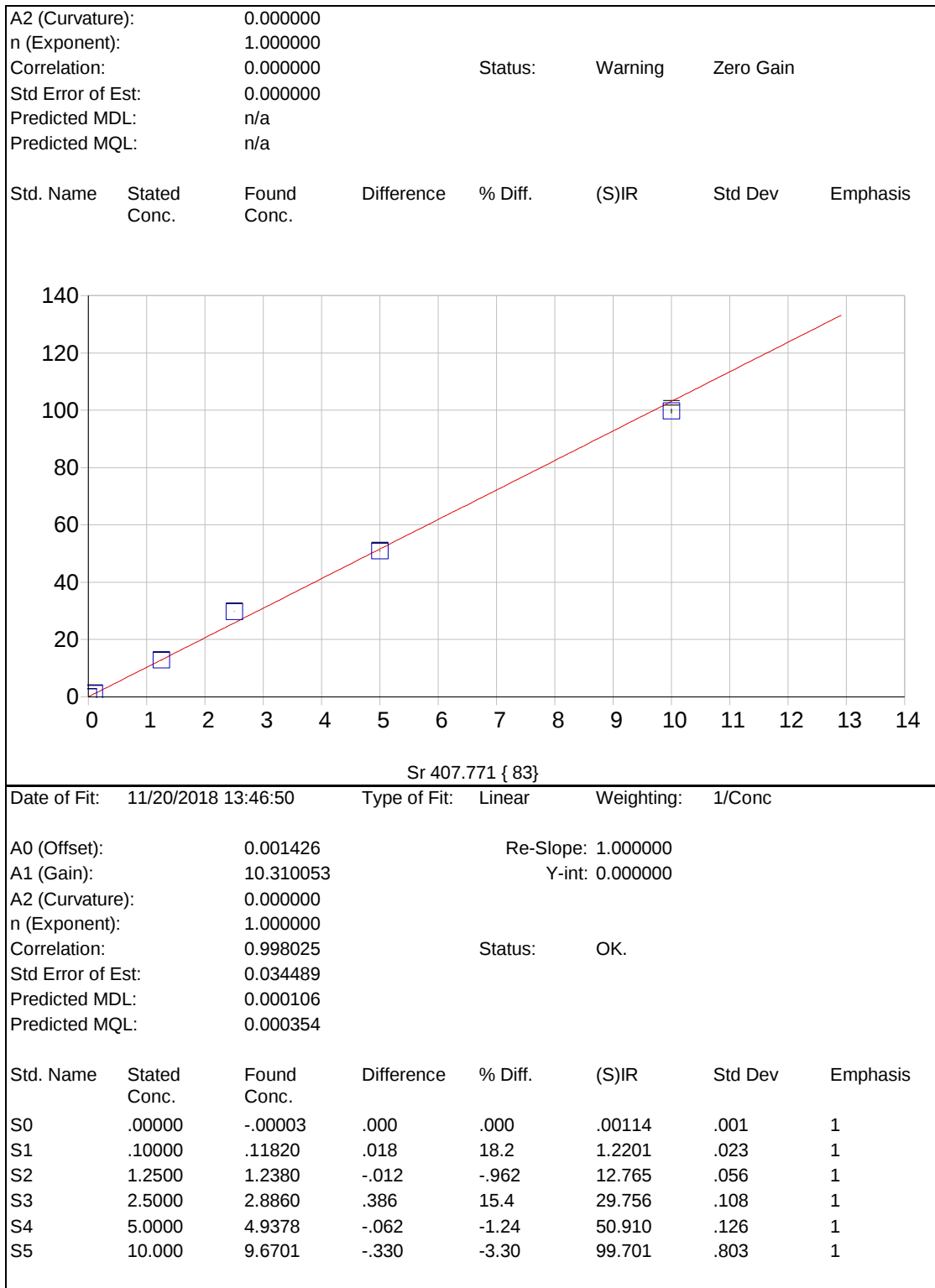


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 11/20/2018 14:35:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	-.00036	-.00042	.00003	.00070	.00025	.00370	.02590	-.00335
Stddev	.00010	.00010	.00013	.00012	.00004	.00063	.00202	.00023
%RSD	27.163	23.870	460.47	17.682	15.936	17.122	7.7942	6.9715

#1	-.00030	-.00032	.00000	.00069	.00027	.00368	.02401	-.00344
#2	-.00047	-.00042	.00017	.00058	.00021	.00308	.02567	-.00309
#3	-.00031	-.00053	-.00008	.00083	.00029	.00434	.02802	-.00353

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	.00036	.00342	.00004	.00013	.00107	.00035	.00010	-.00012
Stddev	.00017	.00114	.00012	.00010	.00024	.00029	.00018	.00026
%RSD	45.984	33.375	315.24	78.112	22.317	83.229	182.19	225.44

#1	.00035	.00442	.00014	.00002	.00129	.00010	.00020	-.00040
#2	.00053	.00218	.00006	.00021	.00081	.00067	.00020	-.00006
#3	.00020	.00365	-.00009	.00017	.00111	.00028	-.00011	.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	-.00185	-.00120	.00215	.00014	-.00025	.02302	-.00096	.00539
Stddev	.00009	.00002	.00099	.00020	.00036	.00114	.00011	.00026
%RSD	4.6882	1.7311	46.004	137.83	140.41	4.9670	10.988	4.8801

#1	-.00175	-.00121	.00145	-.00001	-.00008	.02170	-.00084	.00512
#2	-.00189	-.00117	.00172	.00037	-.00001	.02367	-.00102	.00564
#3	-.00191	-.00121	.00328	.00007	-.00066	.02369	-.00103	.00541

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	.00085	.00005	.00920	.00034	.00142	.01828	.00029	
Stddev	.00008	.00008	.00025	.00002	.00029	.00180	.00046	
%RSD	9.5313	164.19	2.6807	4.6253	20.349	9.8638	160.50	

#1	.00081	-.00002	.00947	.00032	.00132	.01860	-.00009	
#2	.00094	.00014	.00900	.00035	.00175	.01634	.00014	
#3	.00080	.00002	.00912	.00035	.00120	.01990	.00080	

Sample Name: S0 Acquired: 11/20/2018 14:35:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	2048.0	2383.0	45686.	4330.8	3639.3
Stddev	6.3	2.4	131.	21.8	6.6
%RSD	.30870	.10220	.28630	.50291	.18112
#1	2046.5	2382.8	45636.	4342.4	3639.9
#2	2055.0	2385.6	45835.	4305.7	3632.5
#3	2042.6	2380.7	45588.	4344.4	3645.6

Sample Name: S1 Acquired: 11/20/2018 14:39:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.00016	.00122	.00237	.00454	.01273	.02376	.96723	.06543
Stddev	.00010	.00012	.00010	.00011	.00014	.00101	.00288	.00154
%RSD	62.674	9.5569	4.3881	2.5278	1.0742	4.2536	.29773	2.3575

#1	.00019	.00117	.00248	.00460	.01289	.02492	.96740	.06653
#2	.00023	.00115	.00236	.00441	.01267	.02317	.97002	.06608
#3	.00005	.00136	.00227	.00461	.01263	.02318	.96426	.06367

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	.01919	.29775	.00236	.05214	.00438	.00172	.00447	.03007
Stddev	.00011	.00168	.00001	.00015	.00070	.00006	.00007	.00069
%RSD	.59799	.56356	.60695	.28749	15.931	3.3064	1.5539	2.2914

#1	.01906	.29939	.00235	.05203	.00495	.00173	.00441	.02950
#2	.01925	.29603	.00235	.05231	.00460	.00166	.00455	.02988
#3	.01926	.29783	.00237	.05207	.00360	.00177	.00444	.03084

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	.02991	.00170	.05732	.00372	.00218	.20420	-.00060	.01491
Stddev	.00022	.00015	.00020	.00040	.00067	.00140	.00008	.00018
%RSD	.74252	8.7979	.35737	10.764	30.607	.68655	13.290	1.2194

#1	.03006	.00186	.05724	.00402	.00153	.20521	-.00054	.01481
#2	.03001	.00157	.05716	.00388	.00213	.20260	-.00057	.01512
#3	.02965	.00167	.05755	.00326	.00286	.20480	-.00069	.01480

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	.01336	.00371	.08553	.00133	.04057	.10592	1.2519	
Stddev	.00020	.00006	.00015	.00007	.00036	.00111	.0003	
%RSD	1.5018	1.7234	.17664	5.0924	.88562	1.0493	.02033	

#1	.01346	.00365	.08536	.00141	.04098	.10464	1.2521	
#2	.01313	.00377	.08558	.00132	.04030	.10655	1.2517	
#3	.01349	.00370	.08564	.00127	.04043	.10658	1.2520	

Sample Name: S1 Acquired: 11/20/2018 14:39:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	2039.6	2357.0	45514.	4288.5	3632.7
Stddev	9.4	2.9	27.	17.2	6.9
%RSD	.45999	.12374	.06019	.40114	.18913
#1	2050.4	2354.9	45524.	4268.9	3625.2
#2	2034.1	2360.3	45536.	4300.7	3638.5
#3	2034.2	2355.8	45483.	4296.1	3634.5

Sample Name: S2 Acquired: 11/20/2018 14:43:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.04896	.06839	1.3550	.11666	.21749	3.1309	9.4340	1.3881
Stddev	.00029	.00035	.0026	.00025	.00086	.0322	.0035	.0092
%RSD	.58930	.51086	.18877	.21194	.39623	1.0284	.03673	.66227

#1	.04903	.06819	1.3534	.11685	.21708	3.1073	9.4356	1.3813
#2	.04864	.06819	1.3537	.11676	.21690	3.1676	9.4364	1.3985
#3	.04921	.06879	1.3580	.11638	.21848	3.1178	9.4301	1.3843

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	1.8697	2.9255	.65805	.53895	.38570	.43842	.82998	.31352
Stddev	.0046	.0236	.00161	.00158	.00031	.01019	.00790	.00645
%RSD	.24349	.80536	.24424	.29281	.08127	2.3239	.95200	2.0583

#1	1.8654	2.9391	.65641	.53798	.38603	.43207	.83465	.30980
#2	1.8693	2.8983	.65812	.53810	.38540	.45017	.82086	.32097
#3	1.8745	2.9391	.65962	.54077	.38568	.43302	.83444	.30979

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	.38838	.06868	.32101	.03707	.12273	1.1254	.04092	.94580
Stddev	.00160	.00037	.00161	.00023	.00272	.0050	.00028	.00947
%RSD	.41174	.53724	.50189	.60888	2.2126	.44639	.68916	1.0017

#1	.38707	.06910	.31963	.03681	.12326	1.1207	.04070	.93703
#2	.38790	.06843	.32278	.03718	.12514	1.1307	.04083	.95585
#3	.39016	.06851	.32061	.03722	.11979	1.1248	.04124	.94452

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	1.2244	.03896	.75370	.14452	.39526	1.7316	12.783
Stddev	.0022	.00014	.00485	.00052	.00140	.0061	.033
%RSD	.17717	.34991	.64288	.36164	.35508	.35106	.25671

#1	1.2259	.03890	.75163	.14410	.39569	1.7248	12.803
#2	1.2219	.03887	.75924	.14510	.39640	1.7366	12.745
#3	1.2254	.03912	.75024	.14434	.39369	1.7332	12.801

Sample Name: S2 Acquired: 11/20/2018 14:43:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	1995.9	2300.7	45354.	4333.7	3455.7
Stddev	3.5	7.3	163.	25.6	7.2
%RSD	.17499	.31925	.35944	.59171	.20811
#1	1999.3	2292.6	45440.	4350.2	3453.2
#2	1996.0	2302.7	45456.	4304.1	3450.1
#3	1992.3	2306.9	45166.	4346.7	3463.8

Sample Name: S3 Acquired: 11/20/2018 14:47:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.11387	.15410	3.0273	.25718	.49842	7.0725	21.608	3.0537
Stddev	.00030	.00038	.0057	.00010	.00119	.0094	.011	.0057
%RSD	.26359	.24695	.18955	.03969	.23793	.13348	.05310	.18565

#1	.11405	.15452	3.0295	.25720	.49871	7.0797	21.600	3.0599
#2	.11353	.15377	3.0208	.25707	.49712	7.0618	21.602	3.0488
#3	.11404	.15403	3.0316	.25727	.49944	7.0759	21.621	3.0524

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2346	5.7856	1.5175	1.2349	.87958	.98040	1.8147	.68998
Stddev	.0033	.0244	.0039	.0026	.00168	.00312	.0107	.00290
%RSD	.07716	.42088	.25339	.21090	.19056	.31844	.59207	.41975

#1	4.2380	5.7577	1.5131	1.2365	.87778	.98337	1.8028	.69197
#2	4.2341	5.7970	1.5199	1.2319	.88109	.98069	1.8237	.68666
#3	4.2315	5.8022	1.5195	1.2362	.87987	.97715	1.8176	.69132

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	.88695	.17071	.72607	.08220	.27856	2.5791	.13176	2.2106
Stddev	.00116	.00017	.00441	.00058	.00109	.0072	.00007	.0111
%RSD	.13029	.09953	.60678	.70446	.38986	.27888	.05621	.50145

#1	.88764	.17072	.72285	.08206	.27767	2.5761	.13178	2.2218
#2	.88759	.17087	.72426	.08171	.27977	2.5739	.13168	2.1997
#3	.88561	.17053	.73109	.08284	.27825	2.5873	.13183	2.2104

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	2.8447	.09075	1.9079	.33937	.91193	4.1278	29.938	
Stddev	.0030	.00065	.0032	.00006	.00188	.0059	.057	
%RSD	.10450	.71526	.16593	.01841	.20630	.14184	.19183	

#1	2.8434	.09130	1.9103	.33934	.90977	4.1340	29.876	
#2	2.8481	.09092	1.9043	.33944	.91319	4.1223	29.950	
#3	2.8425	.09004	1.9091	.33933	.91283	4.1272	29.989	

Sample Name: S3 Acquired: 11/20/2018 14:47:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	1940.5	2208.4	45187.	4311.6	3288.9
Stddev	10.7	2.3	45.	10.4	5.6
%RSD	.54905	.10421	.09898	.24133	.16925
#1	1928.2	2206.0	45135.	4300.7	3282.6
#2	1946.5	2208.5	45209.	4321.4	3291.0
#3	1946.7	2210.6	45216.	4312.9	3293.2

Sample Name: S4 Acquired: 11/20/2018 14:52:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.20498	.27060	5.5443	.45679	.88682	12.648	38.087	5.4502
Stddev	.00022	.00055	.0032	.00093	.00043	.021	.042	.0233
%RSD	.10818	.20160	.05792	.20289	.04866	.17001	.10993	.42820

#1	.20521	.27005	5.5440	.45725	.88638	12.649	38.122	5.4233
#2	.20496	.27060	5.5413	.45572	.88724	12.625	38.041	5.4654
#3	.20477	.27114	5.5477	.45739	.88683	12.668	38.099	5.4619

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	7.5140	11.546	2.5509	2.1968	1.5238	1.6823	3.2389	1.2558
Stddev	.0175	.052	.0026	.0045	.0039	.0037	.0201	.0027
%RSD	.23302	.45291	.10087	.20494	.25682	.22198	.62093	.21312

#1	7.5019	11.516	2.5484	2.1922	1.5219	1.6865	3.2232	1.2568
#2	7.5060	11.515	2.5535	2.1970	1.5212	1.6794	3.2318	1.2528
#3	7.5341	11.606	2.5509	2.2012	1.5283	1.6809	3.2615	1.2579

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	1.5716	.29201	1.2715	.14364	.49732	4.6216	.17685	3.8699
Stddev	.0071	.00129	.0060	.00063	.00188	.0208	.00013	.0126
%RSD	.45233	.44217	.47373	.43834	.37787	.44915	.07122	.32611

#1	1.5654	.29197	1.2763	.14405	.49843	4.6079	.17699	3.8563
#2	1.5700	.29074	1.2647	.14395	.49838	4.6113	.17674	3.8813
#3	1.5794	.29332	1.2734	.14291	.49515	4.6455	.17683	3.8721

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	4.9905	.16819	2.9260	.59434	1.5489	7.0872	51.222	
Stddev	.0031	.00037	.0139	.00164	.0048	.0098	.184	
%RSD	.06121	.22013	.47572	.27634	.31164	.13782	.35845	

#1	4.9877	.16815	2.9101	.59436	1.5498	7.0917	51.077	
#2	4.9900	.16783	2.9361	.59269	1.5437	7.0760	51.160	
#3	4.9937	.16857	2.9318	.59597	1.5532	7.0938	51.428	

Sample Name: S4 Acquired: 11/20/2018 14:52:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	1857.4	2087.8	43902.	4204.2	3077.9
Stddev	.5	4.4	162.	21.1	2.5
%RSD	.02629	.21199	.37012	.50075	.07989
#1	1858.0	2083.3	43794.	4213.5	3075.7
#2	1857.1	2088.0	44089.	4219.1	3080.6
#3	1857.2	2092.2	43824.	4180.1	3077.4

Sample Name: S5 Acquired: 11/20/2018 14:56:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.43071	.52641	11.136	.91051	1.8520	25.873	74.750	10.653
Stddev	.00203	.00072	.008	.00342	.0025	.169	.379	.149
%RSD	.47175	.13742	.07589	.37542	.13653	.65372	.50688	1.4024

#1	.42918	.52611	11.129	.90687	1.8500	25.732	74.568	10.485
#2	.42994	.52588	11.133	.91102	1.8512	26.060	75.185	10.770
#3	.43302	.52723	11.145	.91365	1.8549	25.826	74.496	10.705

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	14.829	22.801	4.9496	4.3832	3.0336	3.3116	6.2850	2.5569
Stddev	.020	.081	.0111	.0005	.0168	.0356	.0423	.0291
%RSD	.13218	.35411	.22511	.01125	.55524	1.0757	.67257	1.1365

#1	14.806	22.783	4.9467	4.3827	3.0276	3.2779	6.2897	2.5305
#2	14.837	22.889	4.9401	4.3837	3.0526	3.3489	6.3247	2.5880
#3	14.843	22.730	4.9618	4.3832	3.0206	3.3081	6.2406	2.5522

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	3.1277	.59814	2.5629	.28475	1.0418	9.4835	.36216	7.6917
Stddev	.0045	.00173	.0285	.00247	.0068	.0806	.00074	.0963
%RSD	.14428	.28848	1.1141	.86592	.65454	.84971	.20370	1.2516

#1	3.1225	.59657	2.5366	.28202	1.0489	9.4198	.36235	7.5810
#2	3.1298	.59999	2.5933	.28538	1.0413	9.5741	.36134	7.7554
#3	3.1308	.59786	2.5588	.28683	1.0353	9.4565	.36278	7.7388

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	10.342	.34714	5.6866	1.1953	3.0848	14.540	100.10	
Stddev	.023	.00192	.0735	.0023	.0237	.069	.56	
%RSD	.22575	.55452	1.2916	.19207	.76957	.47436	.55555	

#1	10.320	.34532	5.6027	1.1934	3.0656	14.502	99.925	
#2	10.339	.34916	5.7394	1.1947	3.1113	14.619	100.73	
#3	10.366	.34694	5.7177	1.1978	3.0774	14.498	99.656	

Sample Name: S5 Acquired: 11/20/2018 14:56:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	1713.2	1895.6	43112.	4151.7	2846.3
Stddev	18.2	4.3	264.	52.9	2.9
%RSD	1.0636	.22792	.61198	1.2736	.10031
#1	1701.7	1898.1	42864.	4193.3	2847.3
#2	1703.6	1898.1	43082.	4092.2	2848.4
#3	1734.2	1890.7	43389.	4169.7	2843.0

Sample Name: S6 Acquired: 11/20/2018 15:00:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	71.106	38.098	9.1469	4.2839	7.4573
Stddev	.190	.039	.0230	.0109	.0319
%RSD	.26673	.10342	.25127	.25395	.42824

#1	71.012	38.139	9.1205	4.2718	7.4498
#2	70.982	38.093	9.1626	4.2871	7.4298
#3	71.325	38.061	9.1575	4.2928	7.4923

Int. Std.	Y_3710
Units	Cts/S
Avg	4090.4
Stddev	24.8
%RSD	.60750

#1	4079.7
#2	4118.8
#3	4072.7

Sample Name: ICV Acquired: 11/20/2018 15:16:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.9953195	1.073877	.9776565	1.053317	.9075617	2.548466
Stddev	.0026799	.003933	.0007523	.002076	.0027409	.015196
%RSD	.2692506	.3662165	.0769498	.1970609	.3020098	.5962724

#1	.9929425	1.072981	.9769001	1.054301	.9088726	2.531269
#2	.9982239	1.070470	.9776648	1.054717	.9094011	2.554045
#3	.9947920	1.078180	.9784046	1.050932	.9044115	2.560084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285139	.5021222	.5246607	10.54925	F .5535130	.5149916
Stddev	.0008559	.0022610	.0014687	.04505	.0003764	.0014636
%RSD	.1619453	.4502977	.2799400	.4270702	.0679954	.2842078

#1	.5277243	.5036735	.5241444	10.50366	.5531830	.5162615
#2	.5294235	.5031651	.5235199	10.55033	.5539229	.5133908
#3	.5283940	.4995279	.5263179	10.59375	.5534331	.5153223

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5435107	5.443534	.5325113	5.664304	.5372265	.4734280
Stddev	.0083003	.061174	.0041493	.058318	.0018127	.0029342
%RSD	1.527164	1.123795	.7791900	1.029574	.3374204	.6197693

#1	.5524545	5.445603	.5329140	5.608511	.5363327	.4700621
#2	.5420223	5.503647	.5364446	5.659545	.5360343	.4754464
#3	.5360553	5.381351	.5281754	5.724856	.5393126	.4747755

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.905605	.5413235	.9785496	9.782742	F .0165284	4.784576
Stddev	.249029	.0098955	.0182052	.135426	.0031285	.008580
%RSD	2.514022	1.828018	1.860428	1.384340	18.92807	.1793333

#1	10.19182	.5489088	.9607219	9.664657	.0152191	4.788348
#2	9.78648	.5449313	.9778168	9.753002	.0200988	4.790624
#3	9.73851	.5301303	.9971102	9.930567	.0142672	4.774756

Sample Name: ICV Acquired: 11/20/2018 15:16:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	4.648963	F .0120220	4.603912	4.784544	4.971468	F .0090881
Stddev	.005174	.0027043	.010932	.020504	.009765	.0008310
%RSD	.1112981	22.49436	.2374456	.4285494	.1964251	9.143992

#1	4.650811	.0147675	4.608355	4.781824	4.960284	.0081296
#2	4.643119	.0093610	4.611923	4.765536	4.978303	.0096081
#3	4.652960	.0119375	4.591458	4.806272	4.975817	.0095265

Elem	Sr4077
Units	ppm
Avg	F .0120067
Stddev	.0001567
%RSD	1.305014

#1	.0118850
#2	.0121835
#3	.0119516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.772	2380.722	46456.26	4386.957	3629.278
Stddev	13.231	8.988	395.25	20.047	11.140
%RSD	.6401564	.3775234	.8507947	.4569715	.3069372

#1	2067.862	2370.401	46487.95	4366.335	3617.971
#2	2079.423	2386.830	46834.70	4406.375	3640.242
#3	2053.030	2384.934	46046.12	4388.162	3629.619

Sample Name: ICB Acquired: 11/20/2018 15:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.0017360	-.000800	.0002159	-.001409	.0009408	-.006672	-.000105
Stddev	.0013422	.002405	.0006241	.001067	.0008363	.006207	.001102
%RSD	77.31554	300.5184	289.0263	75.71454	88.89384	93.03629	1054.295

#1	.0003234	-.002171	.0001403	-.000178	.0011364	.000493	.000981
#2	.0029946	.001977	.0008744	-.001980	.0000240	-.010102	-.000072
#3	.0018900	-.002207	-.000367	-.002069	.0016621	-.010407	-.001222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000646	.0186061	.0000032	-.000054	-.002884	.0104087
Stddev	.000027	.0000130	.0099054	.0001129	.000065	.003245	.0091205
%RSD	386.3985	20.15309	53.23729	3533.873	120.9579	112.5291	87.62366

#1	-.000019	.0000495	.0086792	.0001331	-.000087	-.001278	.0193941
#2	-.000026	.0000718	.0186492	-.000072	-.000095	-.006618	.0106733
#3	.000024	.0000723	.0284898	-.000052	.000021	-.000755	.0011588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009889	-.008614	-.000285	.0007196	-.111963	.0055739	.0006912
Stddev	.0009363	.012528	.000310	.0003879	.085372	.0052821	.0015317
%RSD	94.67685	145.4379	108.9451	53.90687	76.25025	94.76433	221.6014

#1	.0019465	-.003633	-.000565	.0004104	-.063422	-.000430	.0019502
#2	.0000755	.000658	.000049	.0005935	-.210538	.007648	-.001014
#3	.0009448	-.022866	-.000339	.0011548	-.061928	.009504	.001138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827574	-.000405	.0088373	.0003695	-.002171	.0064632	.0030589
Stddev	.0348949	.001133	.0003902	.0000846	.000729	.0008874	.0004608
%RSD	42.16531	280.0037	4.415782	22.90957	33.57777	13.72982	15.06540

#1	.1139816	-.001126	.0091103	.0003469	-.002358	.0055582	.0034701
#2	.0450899	-.000989	.0090113	.0002984	-.002788	.0073319	.0025608
#3	.0892008	.000901	.0083904	.0004631	-.001367	.0064995	.0031458

Sample Name: ICB Acquired: 11/20/2018 15:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	-.000562	.0036293	-.000154
Stddev	.001350	.0007422	.000019
%RSD	240.0529	20.44973	12.19950

#1	-.001708	.0039121	-.000140
#2	-.000904	.0027873	-.000175
#3	.000925	.0041885	-.000147

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.940	2397.702	46198.04	4353.983	3651.913
Stddev	17.926	3.776	263.36	55.595	9.169
%RSD	.8634886	.1574794	.5700676	1.276871	.2510671

#1	2060.838	2394.186	46130.60	4343.000	3641.641
#2	2095.749	2397.228	46488.56	4304.700	3654.828
#3	2071.233	2401.693	45974.96	4414.250	3659.270

Sample Name: ICSA Acquired: 11/20/2018 15:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005439	-.000031	.0012845	.0059789	.0057086	232.6470
Stddev	.005017	.001626	.0010784	.0049838	.0014462	.6830
%RSD	92.23808	5270.473	83.95450	83.35639	25.33338	.2935867

#1	-.002736	.001625	.0020426	.0074105	.0063526	232.3411
#2	-.002353	-.000093	.0017609	.0004360	.0067210	232.1704
#3	-.011227	-.001624	.0000499	.0100903	.0040523	233.4295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051699	.0009610	-.001215	239.8907	.0486928	-.000019
Stddev	.0006062	.0000443	.000071	1.0114	.0007655	.000120
%RSD	11.72532	4.610737	5.859898	.4216117	1.572132	640.8570

#1	.0051447	.0009110	-.001280	240.6925	.0489538	.000030
#2	.0057883	.0009761	-.001225	238.7544	.0478309	-.000156
#3	.0045767	.0009957	-.001139	240.2252	.0492937	.000069

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005893	96.85201	.0106583	236.5225	-.000194	-.003638
Stddev	.003715	.36398	.0003964	.2150	.000247	.000519
%RSD	63.04904	.3758078	3.719271	.0908838	127.2934	14.27216

#1	-.002847	96.99103	.0102125	236.7692	.000088	-.003063
#2	-.010032	96.43901	.0107914	236.4231	-.000374	-.004072
#3	-.004798	97.12599	.0109710	236.3752	-.000297	-.003778

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3133663	.0004241	.0014634	-.057290	-.004655	F .0102735
Stddev	.1095374	.0023745	.0101296	.059431	.000900	.0019338
%RSD	34.95506	559.8914	692.1844	103.7369	19.32447	18.82291

#1	.4332027	.0030386	.0131485	-.124758	-.003618	.0121605
#2	.2184072	-.000168	-.003929	-.034422	-.005222	.0103640
#3	.2884890	-.001599	-.004829	-.012690	-.005126	.0082961

Sample Name: ICSA Acquired: 11/20/2018 15:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013573	.0025234	.0012481	-.001387	-.002026	.0122534
Stddev	.0004564	.0041289	.0001248	.001226	.001350	.0008755
%RSD	33.62476	163.6249	9.995195	88.37581	66.62026	7.144978

#1	.0016885	-.000395	.0011451	-.001750	-.001983	.0114219
#2	.0008367	.007248	.0013868	-.000021	-.000698	.0121713
#3	.0015466	.000718	.0012124	-.002391	-.003397	.0131671

Elem	Sr4077
Units	ppm
Avg	.0958453
Stddev	.0002490
%RSD	.2598334

#1	.0961320
#2	.0956826
#3	.0957214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.710	2244.488	44621.90	4281.627	3231.885
Stddev	5.845	4.722	107.46	4.702	5.411
%RSD	.2990449	.2103862	.2408298	.1098292	.1674284

#1	1955.523	2239.210	44696.99	4278.135	3225.733
#2	1948.500	2248.312	44498.80	4279.773	3234.015
#3	1960.106	2245.942	44669.91	4286.974	3235.907

Sample Name: ICSAB Acquired: 11/20/2018 15:29:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	.0871392	.1001052	.0467320	.0518649	.5578938	207.6925
Stddev	.0009035	.0001593	.0017922	.0025758	.0022010	.6384
%RSD	1.036831	.1591465	3.834973	4.966404	.3945238	.3073818

#1	.0872780	.0999724	.0472056	.0499222	.5572727	207.1088
#2	.0861743	.1000613	.0447506	.0547867	.5560701	208.3742
#3	.0879652	.1002818	.0482398	.0508857	.5603387	207.5944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148974	.4895512	1.009778	214.0522	.5712489	.4955451
Stddev	.0016760	.0013277	.001450	.7416	.0020737	.0011190
%RSD	.3254956	.2712131	.1435945	.3464792	.3630095	.2258065

#1	.5129716	.4885801	1.009495	213.7270	.5731196	.4957821
#2	.5156949	.4910642	1.008491	213.5286	.5716079	.4965267
#3	.5160257	.4890093	1.011349	214.9009	.5690191	.4943267

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5005255	86.25436	.5124213	209.6432	1.018935	.1873785
Stddev	.0073512	.31554	.0036278	1.1475	.000508	.0009136
%RSD	1.468693	.3658281	.7079710	.5473463	.0498096	.4875664

#1	.5051275	86.31989	.5149672	210.2478	1.019474	.1867034
#2	.5044015	86.53200	.5140292	210.3620	1.018865	.1884181
#3	.4920474	85.91120	.5082674	208.3199	1.018467	.1870140

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2564737	.5095260	.9852157	-.044687	.0101392	F .0436727
Stddev	.0922767	.0086435	.0369817	.039057	.0028114	.0018452
%RSD	35.97900	1.696379	3.753666	87.39981	27.72833	4.225060

#1	.1739653	.5098881	1.027838	.000373	.0070219	.0444393
#2	.3561167	.5179827	.966180	-.065608	.0124826	.0450112
#3	.2393392	.5007071	.961630	-.068827	.0109132	.0415678

Sample Name: ICSAB Acquired: 11/20/2018 15:29:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) 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	F .0369231	.0079906	.5663382	F .0353935	.0374206	.0124173
Stddev	.0004929	.0033273	.0029944	.0013700	.0012643	.0015848
%RSD	1.335019	41.64072	.5287378	3.870827	3.378523	12.76265

#1	.0363600	.0046838	.5647302	.0339977	.0361430	.0129184
#2	.0371327	.0079498	.5697931	.0367362	.0386710	.0136910
#3	.0372765	.0113382	.5644913	.0354466	.0374478	.0106426

Elem	Sr4077
Units	ppm
Avg	.0859464
Stddev	.0001442
%RSD	.1677185

#1	.0857861
#2	.0859878
#3	.0860654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.996	2248.690	44776.86	4303.462	3258.249
Stddev	9.489	2.378	141.90	8.048	1.800
%RSD	.4824053	.1057670	.3168998	.1870040	.0552439

#1	1959.833	2250.443	44629.50	4312.038	3257.691
#2	1977.758	2249.644	44912.58	4296.075	3256.794
#3	1963.397	2245.983	44788.50	4302.273	3260.262

Sample Name: CCV017 Acquired: 11/20/2018 15:33:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.746422	4.904648	23.64022	4.725287	4.638561	386.5363
Stddev	.009146	.006297	.01440	.009875	.007110	.3675
%RSD	.1926870	.1283853	.0609192	.2089820	.1532700	.0950639

#1	4.756722	4.911850	23.65354	4.730274	4.646383	386.1204
#2	4.739253	4.901908	23.64219	4.731674	4.636808	386.8171
#3	4.743290	4.900185	23.62494	4.713913	4.632492	386.6714

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02775	.4735903	2.474393	387.2310	15.34286	2.460881
Stddev	.02793	.0019284	.002395	1.5525	.02934	.001239
%RSD	.2784877	.4071924	.0967855	.4009274	.1912188	.0503435

#1	10.01279	.4740398	2.477016	387.2183	15.31559	2.462311
#2	10.01049	.4714768	2.472325	385.6848	15.37390	2.460122
#3	10.05997	.4752542	2.473836	388.7898	15.33909	2.460211

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72323	392.8212	14.08993	377.5378	2.509151	1.218533
Stddev	.05590	.9687	.07398	.9711	.002727	.002771
%RSD	.3796885	.2466021	.5250692	.2572308	.1087020	.2274225

#1	14.71972	393.3130	14.12158	377.5612	2.509734	1.220663
#2	14.66917	393.4454	14.00538	378.4970	2.511540	1.219537
#3	14.78081	391.7053	14.14281	376.5552	2.506179	1.215400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.4189	2.476741	14.68042	148.9430	4.694525	4.887148
Stddev	.9126	.009836	.08336	.5049	.014458	.021698
%RSD	.2380245	.3971477	.5678341	.3389599	.3079672	.4439812

#1	382.4101	2.484352	14.58905	148.7593	4.682649	4.878672
#2	384.1872	2.465635	14.75233	148.5557	4.710624	4.870968
#3	383.6594	2.480237	14.69987	149.5140	4.690304	4.911805

Sample Name: CCV017 Acquired: 11/20/2018 15:33:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809284	F 4.145946	5.033501	5.061802	4.911227	4.860381
Stddev	.003204	.015316	.023923	.009629	.006104	.013326
%RSD	.0666137	.3694164	.4752720	.1902212	.1242818	.2741800
#1	4.812701	4.155489	5.037394	5.050741	4.916556	4.847291
#2	4.806348	4.154070	5.007871	5.066359	4.904568	4.859920
#3	4.808803	4.128280	5.055239	5.068307	4.912558	4.873932

Elem	Sr4077
Units	ppm
Avg	4.784664
Stddev	.020161
%RSD	.4213612
#1	4.779837
#2	4.767355
#3	4.806800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.165	2010.092	43285.73	4155.859	2894.066
Stddev	10.572	2.844	78.53	18.639	5.719
%RSD	.5892650	.1414745	.1814217	.4485054	.1976221
#1	1802.462	2008.942	43369.16	4153.673	2891.739
#2	1797.772	2008.003	43274.80	4175.495	2889.877
#3	1782.261	2013.330	43213.24	4138.409	2900.582

Sample Name: CCB017 Acquired: 11/20/2018 15:49:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013584	-.001116	.0009906	-.001807	-.000228	.0004114	.0001836
Stddev	.0010000	.000957	.0006826	.001372	.000915	.0048191	.0000796
%RSD	73.61217	85.70525	68.90701	75.91118	400.8670	1171.485	43.36151

#1	.0008641	-.001297	.0017709	-.000224	.000807	-.003691	.0001297
#2	.0007019	-.001969	.0006965	-.002560	-.000562	-.000793	.0001462
#3	.0025093	-.000082	.0005043	-.002638	-.000929	.005719	.0002751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000285	.0000036	-.004527	-.000026	-.000177	.0002866	-.010258
Stddev	.0000172	.0000489	.012463	.000141	.000112	.0035139	.026911
%RSD	60.44636	1345.429	275.3284	547.0004	63.30948	1225.989	262.3454

#1	.0000089	.0000076	.004351	-.000177	-.000150	-.002723	-.040368
#2	.0000412	.0000505	-.018775	.000101	-.000081	-.000565	-.001855
#3	.0000355	-.000047	.000844	-.000001	-.000300	.004148	.011449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000403	-.054573	-.000266	.0000338	.0292656	.0025469	.0078929
Stddev	.000858	.035638	.000350	.0002185	.1639753	.0042382	.0074003
%RSD	212.8755	65.30371	131.6220	645.8048	560.3012	166.4072	93.75945

#1	-.001062	-.066750	.000053	-.000212	.2076184	.0034798	.0049776
#2	-.000716	-.082527	-.000641	.000206	-.114962	-.002080	.0023942
#3	.000568	-.014442	-.000210	.000107	-.004860	.006241	.0163068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426673	.0012900	.0077494	.0001351	.0007977	.0021987	.0010955
Stddev	.0566808	.0035037	.0007005	.0002111	.0048200	.0003930	.0012476
%RSD	132.8435	271.6088	9.039449	156.2411	604.2321	17.87346	113.8808

#1	-.022160	.0045510	.0075343	.0000480	.0045181	.0026085	.0005986
#2	.082875	.0017331	.0071817	-.000019	-.004647	.0018250	.0025150
#3	.067287	-.002414	.0085322	.000376	.002522	.0021626	.0001730

Sample Name: CCB017 Acquired: 11/20/2018 15:49:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001388	.0050712	-.000055
Stddev	.000866	.0003221	.000084
%RSD	62.41425	6.352341	153.3682

#1	-.000710	.0047664	-.000144
#2	-.001090	.0050391	.000023
#3	-.002364	.0054083	-.000043

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.127	2402.555	46014.36	4391.542	3643.814
Stddev	18.179	2.905	71.82	19.453	.576
%RSD	.8768641	.1208994	.1560754	.4429599	.0157950

#1	2062.014	2399.984	45945.97	4386.225	3644.135
#2	2063.261	2405.706	46007.94	4413.100	3643.149
#3	2094.105	2401.974	46089.17	4375.300	3644.157

Sample Name: J5871-19 Acquired: 11/20/2018 15:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0351 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472682	-.007298	.5155342	.0096270	.0061348	114.9480	1.864569
Stddev	.0014956	.002754	.0015860	.0012089	.0031964	.2220	.002829
%RSD	3.164033	37.73248	.3076355	12.55759	52.10240	.1931419	.1517010

#1	.0455898	-.007446	.5164481	.0098317	.0098247	115.1214	1.862612
#2	.0477555	-.009974	.5137028	.0107204	.0042156	114.6978	1.867813
#3	.0484594	-.004473	.5164515	.0083287	.0043642	115.0249	1.863284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078265	.0034454	55.27384	.1037226	.0730230	.2052351	138.1859
Stddev	.0000690	.0000190	.15569	.0005315	.0002429	.0035445	.6948
%RSD	.8818105	.5506250	.2816686	.5124011	.3326945	1.727031	.5028258

#1	.0078050	.0034235	55.29014	.1037934	.0727593	.2029390	138.9788
#2	.0077707	.0034552	55.11065	.1031593	.0730719	.2093173	137.6832
#3	.0079036	.0034575	55.42074	.1042152	.0732377	.2034489	137.8957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856426	26.38348	.1009919	-.001439	2.069446	.2773454	.6886189
Stddev	.012587	.35379	.0003043	.000543	.170950	.0052809	.0094008
%RSD	.2591746	1.340934	.3012725	37.71341	8.260677	1.904080	1.365165

#1	4.866591	26.61324	.1011415	-.001377	1.874382	.2834425	.6862562
#2	4.842347	25.97607	.1006418	-.000930	2.140776	.2743790	.6989756
#3	4.860339	26.56113	.1011925	-.002011	2.193180	.2742147	.6806248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.62650	13.14214	.0518043	.0023172	2.234405	17.17440	.0089817
Stddev	.07380	.01054	.0019452	.0002460	.012538	.21791	.0015204
%RSD	.3123804	.0801962	3.754999	10.61671	.5611150	1.268823	16.92742

#1	23.57022	13.14400	.0517255	.0025748	2.248882	17.21060	.0079629
#2	23.59922	13.13079	.0537878	.0022923	2.227099	16.94066	.0107293
#3	23.71006	13.15162	.0498996	.0020846	2.227235	17.37195	.0082530

Sample Name: J5871-19 Acquired: 11/20/2018 15:54:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0351 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.761668	.1321265	.3569838
Stddev	.013066	.0007367	.0010196
%RSD	.2743946	.5575934	.2856046

#1	4.763004	.1320758	.3574429
#2	4.747985	.1328872	.3558154
#3	4.774014	.1314164	.3576931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.407	2731.343	54206.93	5156.701	3485.469
Stddev	13.653	5.971	89.47	51.750	3.315
%RSD	.5723581	.2186014	.1650619	1.003555	.0951035

#1	2389.446	2724.465	54117.12	5133.252	3481.977
#2	2370.190	2734.374	54207.61	5216.025	3488.573
#3	2396.585	2735.190	54296.06	5120.826	3485.857

Sample Name: J5872-01 Acquired: 11/20/2018 15:58:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625714	-.004496	.1942264	.0095740	.0054158	136.0270	1.770290
Stddev	.0027633	.002167	.0027821	.0031225	.0007221	.3950	.001573
%RSD	4.416238	48.20542	1.432418	32.61478	13.33284	.2903501	.0888710

#1	.0656436	-.005757	.1968455	.0065580	.0052493	135.7313	1.768499
#2	.0602891	-.005738	.1945279	.0127932	.0047915	135.8740	1.771452
#3	.0617815	-.001993	.1913058	.0093708	.0062066	136.4755	1.770918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089737	.0011152	32.21247	.1378824	.1007881	.1737500	156.9502
Stddev	.0002272	.0001857	.12465	.0007958	.0002057	.0050783	.6509
%RSD	2.531433	16.65023	.3869545	.5771830	.2040729	2.922767	.4147092

#1	.0087374	.0013265	32.08976	.1386376	.1005536	.1771070	156.2998
#2	.0091905	.0010411	32.33897	.1370513	.1009378	.1762354	156.9494
#3	.0089933	.0009780	32.20869	.1379583	.1008730	.1679077	157.6015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.324611	31.38421	.1573657	-.004502	1.666183	.2898316	.4447108
Stddev	.035370	.21607	.0002357	.000398	.212283	.0043437	.0090412
%RSD	.4828982	.6884528	.1497688	8.838884	12.74065	1.498691	2.033050

#1	7.319159	31.22905	.1575564	-.004104	1.424296	.2861049	.4356164
#2	7.362391	31.29260	.1571022	-.004501	1.821504	.2887878	.4448180
#3	7.292284	31.63099	.1574386	-.004900	1.752749	.2946021	.4536979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.73334	3.916553	.0617186	.0029229	1.699640	11.91838	.0082344
Stddev	.13329	.016812	.0042639	.0001276	.004603	.03159	.0009651
%RSD	.4482881	.4292511	6.908683	4.365135	.2708161	.2650146	11.72080

#1	29.58236	3.908378	.0573786	.0028625	1.703069	11.88262	.0081004
#2	29.83472	3.905393	.0618751	.0030695	1.694409	11.94248	.0092596
#3	29.78295	3.935889	.0659022	.0028368	1.701442	11.93003	.0073433

Sample Name: J5872-01 Acquired: 11/20/2018 15:58:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.693505	.1523307	.2811195
Stddev	.012629	.0004612	.0002533
%RSD	.4688822	.3027628	.0900915

#1	2.679248	.1522368	.2808872
#2	2.697979	.1519236	.2810819
#3	2.703289	.1528316	.2813895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.839	2750.568	54372.14	5173.667	3467.151
Stddev	6.085	6.706	426.11	6.057	5.505
%RSD	.2549406	.2438172	.7836876	.1170684	.1587834

#1	2380.000	2751.528	53906.10	5168.182	3461.493
#2	2391.655	2756.743	54741.81	5172.651	3472.490
#3	2388.861	2743.434	54468.51	5180.167	3467.471

Sample Name: J5872-02 Acquired: 11/20/2018 16:03:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578760	-.004737	.2925630	.0059594	.0051617	116.3027	1.440529
Stddev	.0024224	.003120	.0024750	.0024055	.0018889	.5612	.002667
%RSD	4.185494	65.85830	.8459753	40.36518	36.59574	.4825743	.1851216

#1	.0582128	-.008330	.2899989	.0083211	.0029814	115.8517	1.441265
#2	.0553028	-.003164	.2949381	.0035123	.0061960	116.9313	1.437572
#3	.0601124	-.002718	.2927520	.0060450	.0063075	116.1252	1.442751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078132	.0023269	30.39225	.1209706	.0861890	.1705992	136.7130
Stddev	.0000988	.0001364	.03304	.0004132	.0002356	.0048275	1.2828
%RSD	1.264464	5.863479	.1086959	.3415902	.2733232	2.829712	.9383136

#1	.0077786	.0023469	30.40313	.1210166	.0859231	.1731621	135.8630
#2	.0079246	.0021816	30.41847	.1205363	.0863719	.1650308	138.1886
#3	.0077364	.0024523	30.35515	.1213589	.0862719	.1736047	136.0875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.029135	28.05032	.1352276	-.002483	1.830426	.2394668	.4834283
Stddev	.014041	.15687	.0002922	.000168	.017259	.0119825	.0129465
%RSD	.2328933	.5592379	.2161002	6.752632	.9429201	5.003814	2.678060

#1	6.013417	27.95242	.1349677	-.002657	1.811417	.2304897	.4708721
#2	6.040440	28.23125	.1351712	-.002323	1.845115	.2530734	.4967327
#3	6.033547	27.96728	.1355439	-.002468	1.834747	.2348374	.4826800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.16157	4.060468	.0583788	.0029482	1.685923	12.27201	.0072650
Stddev	.10827	.006963	.0024791	.0002672	.004009	.06801	.0012040
%RSD	.3712767	.1714714	4.246602	9.063655	.2377773	.5542018	16.57315

#1	29.07887	4.055208	.0586773	.0026560	1.684312	12.22186	.0081745
#2	29.28412	4.057833	.0606952	.0031802	1.682971	12.34942	.0058996
#3	29.12173	4.068363	.0557640	.0030083	1.690487	12.24474	.0077209

Sample Name: J5872-02 Acquired: 11/20/2018 16:03:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.486921	.1299271	.2647698
Stddev	.012296	.0009968	.0002852
%RSD	.4944143	.7672094	.1076977

#1	2.482151	.1301360	.2645927
#2	2.500887	.1288424	.2650987
#3	2.477726	.1308030	.2646180

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.957	2714.161	53090.23	5100.495	3500.173
Stddev	12.957	4.380	133.22	41.107	3.039
%RSD	.5530229	.1613792	.2509224	.8059379	.0868191

#1	2344.625	2719.173	53120.70	5120.529	3503.325
#2	2329.246	2712.243	53205.57	5053.212	3497.262
#3	2354.999	2711.067	52944.42	5127.743	3499.932

Sample Name: J5872-03 Acquired: 11/20/2018 16:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545188	-.002683	.4235909	.0092522	.0066121	121.1958	1.617317
Stddev	.0039730	.000970	.0004566	.0024120	.0009419	.1142	.003206
%RSD	7.287386	36.17138	.1077930	26.06947	14.24526	.0941988	.1982048

#1	.0521283	-.003715	.4239059	.0109067	.0059978	121.2522	1.620968
#2	.0523230	-.002544	.4230673	.0103653	.0061421	121.2708	1.616023
#3	.0591050	-.001789	.4237996	.0064847	.0076966	121.0644	1.614962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076299	.0055266	32.58145	.1218485	.0903249	.2280334	139.7735
Stddev	.0001044	.0001332	.03124	.0003777	.0005697	.0018849	.1541
%RSD	1.368714	2.410162	.0958696	.3099859	.6307712	.8265690	.1102635

#1	.0077144	.0053762	32.55311	.1219147	.0897587	.2262703	139.6649
#2	.0075132	.0056298	32.61494	.1214421	.0903180	.2300201	139.9499
#3	.0076622	.0055737	32.57631	.1221888	.0908981	.2278099	139.7056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.248957	29.19748	.1286208	-.001998	1.155048	.2256750	.6025933
Stddev	.021241	.08204	.0005889	.000300	.128791	.0067824	.0107529
%RSD	.2930152	.2809801	.4578578	15.00532	11.15030	3.005405	1.784442

#1	7.244834	29.15370	.1279950	-.002184	1.241351	.2332826	.6063155
#2	7.230081	29.29212	.1291641	-.002159	1.007011	.2234822	.6109905
#3	7.271957	29.14662	.1287034	-.001652	1.216783	.2202602	.5904738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.93133	5.307701	.0666920	.0032395	1.859540	8.672960	.0071487
Stddev	.13103	.015615	.0007415	.0004676	.006094	.037551	.0013382
%RSD	.3978789	.2941899	1.111852	14.43415	.3277065	.4329691	18.71999

#1	33.04275	5.313707	.0675274	.0029826	1.866229	8.687310	.0067534
#2	32.78697	5.289975	.0664370	.0037792	1.854304	8.630350	.0086400
#3	32.96425	5.319421	.0661116	.0029566	1.858088	8.701220	.0060526

Sample Name: J5872-03 Acquired: 11/20/2018 16:07:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0030 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.746730	.1348959	.2994321
Stddev	.011449	.0011764	.0005253
%RSD	.4168335	.8721024	.1754440

#1	2.733513	.1350885	.2999420
#2	2.753076	.1359641	.2988926
#3	2.753601	.1336351	.2994618

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.425	2785.529	54370.09	5203.665	3582.547
Stddev	8.884	5.763	238.41	11.869	6.549
%RSD	.3696436	.2068909	.4384979	.2280983	.1827893

#1	2413.673	2786.382	54551.47	5209.066	3586.508
#2	2397.902	2790.819	54458.76	5211.874	3586.144
#3	2398.699	2779.387	54100.06	5190.056	3574.988

Sample Name: J5872-04 Acquired: 11/20/2018 16:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530944	-.001608	.3029446	.0089439	.0053629	114.9502	1.636364
Stddev	.0032730	.001699	.0019128	.0009676	.0010917	.2535	.001348
%RSD	6.164554	105.6932	.6314026	10.81890	20.35626	.2205603	.0823762

#1	.0557768	.000092	.3049099	.0082602	.0065444	114.6582	1.634816
#2	.0494475	-.003306	.3028349	.0100510	.0043917	115.0783	1.637281
#3	.0540589	-.001608	.3010890	.0085203	.0051526	115.1141	1.636994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075771	.0036134	30.95204	.1176769	.0924664	.2000717	138.9135
Stddev	.0000935	.0000700	.09064	.0002160	.0002642	.0021998	.7655
%RSD	1.234518	1.936728	.2928537	.1835540	.2857133	1.099497	.5510650

#1	.0074913	.0035559	30.85530	.1175406	.0926040	.2011878	138.3933
#2	.0076768	.0036913	31.03501	.1179259	.0921618	.2014896	138.5548
#3	.0075630	.0035930	30.96581	.1175641	.0926334	.1975376	139.7925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.275755	27.87980	.1306314	-.002790	1.285429	.2094730	.5447153
Stddev	.034508	.05345	.0001590	.000291	.103780	.0039634	.0082397
%RSD	.4742874	.1917236	.1217350	10.42538	8.073593	1.892057	1.512664

#1	7.264257	27.94151	.1308053	-.002526	1.181315	.2114545	.5423562
#2	7.314545	27.84998	.1304934	-.002743	1.388873	.2120550	.5379125
#3	7.248465	27.84791	.1305955	-.003102	1.286100	.2049097	.5538773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.00028	6.379621	.0606607	.0034376	1.893145	7.981033	.0061820
Stddev	.07714	.007938	.0016941	.0005206	.007105	.032997	.0003990
%RSD	.2337426	.1244274	2.792764	15.14547	.3752937	.4134432	6.454401

#1	32.92653	6.386532	.0589993	.0031646	1.896070	7.950602	.0065975
#2	33.08040	6.370951	.0605970	.0040380	1.898321	8.016105	.0061466
#3	32.99390	6.381381	.0623858	.0031102	1.885045	7.976392	.0058018

Sample Name: J5872-04 Acquired: 11/20/2018 16:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.517510	.1305035	.2770107
Stddev	.011637	.0003658	.0007137
%RSD	.4622489	.2803004	.2576582

#1	2.504274	.1309076	.2768283
#2	2.526137	.1304082	.2777979
#3	2.522119	.1301948	.2764058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2338.305	2706.545	53077.41	5072.382	3483.445
Stddev	8.035	7.153	105.29	19.611	8.513
%RSD	.3436315	.2642764	.1983737	.3866231	.2443828

#1	2347.550	2698.820	52956.35	5094.716	3474.415
#2	2333.000	2707.878	53147.70	5064.457	3484.595
#3	2334.366	2712.938	53128.17	5057.974	3491.324

Sample Name: J5872-05 Acquired: 11/20/2018 16:17:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359103	-.003409	.1485856	.0083258	.0056646	99.88270	1.235835
Stddev	.0023799	.000554	.0028468	.0017730	.0027122	1.95550	.021454
%RSD	6.627322	16.24689	1.915931	21.29513	47.87955	1.957792	1.735976

#1	.0331919	-.003114	.1478615	.0063357	.0087475	100.1313	1.245761
#2	.0376184	-.004048	.1517245	.0089048	.0036459	97.8148	1.211216
#3	.0369205	-.003066	.1461708	.0097370	.0046005	101.7020	1.250528

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072952	.0004591	36.79635	.1152153	.0674419	.1265688	121.8579
Stddev	.0002062	.0001436	.68716	.0003305	.0002030	.0004647	2.4972
%RSD	2.826487	31.27384	1.867458	.2868966	.3010535	.3671376	2.049255

#1	.0073002	.0003873	37.00409	.1149503	.0672127	.1260454	122.2319
#2	.0070865	.0006244	36.02929	.1155857	.0675992	.1269327	119.1948
#3	.0074988	.0003655	37.35567	.1151099	.0675138	.1267284	124.1469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.849826	32.28231	.1231195	-.002279	1.284818	.2028102	.3287097
Stddev	.070490	.66977	.0001005	.000620	.136316	.0027272	.0023250
%RSD	1.830993	2.074714	.0816534	27.22979	10.60978	1.344699	.7073211

#1	3.875752	32.25295	.1232307	-.002604	1.216970	.2025172	.3286487
#2	3.770045	31.62770	.1230931	-.002668	1.195739	.2002413	.3264157
#3	3.903682	32.96627	.1230349	-.001563	1.441744	.2056720	.3310646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.04230	5.696373	.0490797	.0014975	1.421803	10.24622	.0045194
Stddev	.55969	.003827	.0011375	.0001528	.005791	.27603	.0015276
%RSD	2.149159	.0671761	2.317745	10.20279	.4072653	2.693993	33.80218

#1	26.18514	5.699783	.0493673	.0015601	1.427083	10.09460	.0057801
#2	25.42503	5.697103	.0478259	.0013234	1.415610	10.07923	.0049574
#3	26.51673	5.692234	.0500458	.0016091	1.422716	10.56484	.0028205

Sample Name: J5872-05 Acquired: 11/20/2018 16:17:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.433953	.0892559	.3113764
Stddev	.032197	.0012401	.0055263
%RSD	2.245364	1.389354	1.774783

#1	1.435935	.0903389	.3131495
#2	1.400811	.0879032	.3051812
#3	1.465114	.0895257	.3157984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.600	2714.455	53417.67	5152.295	3536.334
Stddev	6.054	2.981	125.18	81.636	3.876
%RSD	.2558030	.1098305	.2343328	1.584461	.1096153

#1	2373.475	2712.703	53492.97	5146.129	3532.231
#2	2362.066	2712.765	53486.87	5236.840	3536.838
#3	2364.259	2717.897	53273.18	5073.917	3539.934

Sample Name: J5872-06 Acquired: 11/20/2018 16:21:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460791	-.006977	.2093732	.0076981	.0048210	109.2967	1.348093
Stddev	.0015765	.004347	.0041764	.0017600	.0027041	.2862	.002509
%RSD	3.421342	62.30259	1.994725	22.86306	56.09118	.2618625	.1860884

#1	.0443546	-.011042	.2104803	.0058320	.0064835	109.3268	1.350893
#2	.0474463	-.002395	.2047547	.0079340	.0062787	108.9966	1.346050
#3	.0464364	-.007493	.2128845	.0093283	.0017007	109.5667	1.347337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073392	.0012626	56.12989	.1122759	.0723735	.1526282	123.8053
Stddev	.0000693	.0001967	.16610	.0006076	.0014716	.0018710	.8112
%RSD	.9448360	15.57678	.2959178	.5411477	2.033386	1.225828	.6552295

#1	.0074110	.0011253	55.93888	.1120110	.0720403	.1542627	123.8934
#2	.0072727	.0011745	56.24039	.1129710	.0710970	.1530344	122.9537
#3	.0073338	.0014879	56.21041	.1118458	.0739831	.1505875	124.5689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.230195	34.44438	.1340346	-.002445	1.021222	.1969883	.3935210
Stddev	.012414	.14398	.0028587	.000372	.272191	.0024728	.0137399
%RSD	.2934642	.4180101	2.132809	15.19437	26.65351	1.255302	3.491522

#1	4.226833	34.44368	.1332214	-.002068	1.104092	.1959497	.4072227
#2	4.243944	34.30076	.1316706	-.002811	.717227	.1952042	.3797432
#3	4.219808	34.58872	.1372118	-.002457	1.242346	.1998110	.3935970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.00760	7.299669	.0577140	.0015344	1.853916	10.71460	.0053294
Stddev	.05904	.142416	.0021774	.0001571	.046106	.23067	.0002912
%RSD	.2108160	1.950997	3.772774	10.24084	2.486960	2.152811	5.464444

#1	28.06814	7.289322	.0569780	.0015116	1.857754	10.52957	.0049971
#2	27.95017	7.162708	.0601641	.0017016	1.806010	10.64119	.0055401
#3	28.00448	7.446976	.0560000	.0013899	1.897983	10.97303	.0054510

Sample Name: J5872-06 Acquired: 11/20/2018 16:21:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.639557	.1061486	.3042549
Stddev	.007925	.0014321	.0002756
%RSD	.4833755	1.349150	.0905771

#1	1.632353	.1072528	.3040463
#2	1.638272	.1045304	.3041511
#3	1.648046	.1066625	.3045673

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.129	2727.531	53901.38	5169.582	3508.403
Stddev	22.013	31.354	153.54	31.535	56.152
%RSD	.9252624	1.149551	.2848517	.6100023	1.600497

#1	2355.125	2723.250	53909.15	5154.393	3502.058
#2	2398.372	2760.805	54050.89	5205.837	3567.458
#3	2383.891	2698.537	53744.11	5148.517	3455.693

Sample Name: J5872-07 Acquired: 11/20/2018 16:25:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0109 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463619	-.004449	.1845343	.0072500	.0048242	112.5457	1.319375
Stddev	.0038881	.000970	.0013882	.0021720	.0023658	.4301	.003052
%RSD	8.386316	21.79558	.7522999	29.95834	49.04040	.3821708	.2313394

#1	.0496994	-.005554	.1829618	.0091813	.0069935	112.9378	1.321739
#2	.0472937	-.004053	.1855900	.0048987	.0023016	112.6136	1.320456
#3	.0420926	-.003740	.1850512	.0076700	.0051775	112.0856	1.315929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074651	.0014411	32.05394	.1087938	.0792511	.1456137	129.4656
Stddev	.0000421	.0000363	.05944	.0005507	.0002545	.0067624	.7096
%RSD	.5644802	2.520180	.1854420	.5062039	.3211664	4.644083	.5481032

#1	.0074796	.0014735	32.08362	.1087788	.0789745	.1491530	130.0989
#2	.0074981	.0014479	31.98550	.1093519	.0793036	.1378162	129.5992
#3	.0074176	.0014018	32.09270	.1082508	.0794754	.1498720	128.6987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.101415	28.93847	.1260560	-.002733	.9876656	.2055181	.3830995
Stddev	.029781	.16248	.0009781	.000443	.1880577	.0067117	.0183228
%RSD	.5837715	.5614677	.7758836	16.20514	19.04062	3.265736	4.782787

#1	5.092703	29.10672	.1260286	-.003120	.9864103	.2044628	.3997844
#2	5.076962	28.92623	.1250919	-.002250	1.176348	.1993967	.3860237
#3	5.134580	28.78245	.1270474	-.002829	.800239	.2126950	.3634904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.32339	4.544875	.0527601	.0019546	1.570653	20.37273	.0075913
Stddev	.11218	.005075	.0011509	.0003509	.004121	.11697	.0010885
%RSD	.4105665	.1116744	2.181426	17.95136	.2623721	.5741459	14.33906

#1	27.38794	4.550599	.0528265	.0015655	1.572474	20.50576	.0075090
#2	27.38838	4.543105	.0538763	.0020513	1.573549	20.32646	.0087186
#3	27.19386	4.540922	.0515774	.0022469	1.565935	20.28597	.0065463

Sample Name: J5872-07 Acquired: 11/20/2018 16:25:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0109 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.157424	.1073186	.2597041
Stddev	.004446	.0008101	.0000655
%RSD	.2060659	.7548800	.0252411

#1	2.162233	.1064447	.2597487
#2	2.156573	.1080446	.2596289
#3	2.153465	.1074664	.2597348

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.665	2723.989	53829.06	5132.938	3527.536
Stddev	2.021	2.216	65.16	31.822	6.377
%RSD	.0852883	.0813637	.1210548	.6199612	.1807808

#1	2371.981	2721.770	53790.94	5096.812	3520.212
#2	2368.258	2723.995	53791.92	5145.185	3531.860
#3	2368.756	2726.202	53904.30	5156.818	3530.536

Sample Name: J5872-08 Acquired: 11/20/2018 16:29:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0135 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467644	-.004397	.2063635	.0112838	.0044912	128.2424	2.103841
Stddev	.0035460	.003966	.0026218	.0021149	.0007180	.1606	.004939
%RSD	7.582753	90.19148	1.270463	18.74296	15.98745	.1252223	.2347376

#1	.0453417	-.006800	.2093803	.0131624	.0052964	128.2006	2.109500
#2	.0508008	.000180	.2050731	.0116959	.0039173	128.1068	2.100397
#3	.0441506	-.006572	.2046370	.0089932	.0042600	128.4197	2.101628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084701	.0029135	79.73980	.1499904	.1193088	.1559331	152.7798
Stddev	.0000752	.0000497	.09927	.0011372	.0002788	.0028862	.3290
%RSD	.8879602	1.704885	.1244901	.7581744	.2336529	1.850933	.2153222

#1	.0084000	.0029351	79.75839	.1489835	.1195983	.1591569	152.4969
#2	.0084608	.0029487	79.82846	.1512238	.1190421	.1550532	152.7017
#3	.0085496	.0028567	79.63255	.1497639	.1192860	.1535893	153.1408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.245106	33.75228	.1584622	-.003527	1.048753	.2637957	.4672316
Stddev	.049808	.10495	.0006361	.000229	.189255	.0051293	.0072114
%RSD	.5387475	.3109547	.4014007	6.483241	18.04571	1.944434	1.543424

#1	9.221134	33.64995	.1587645	-.003473	1.257444	.2579070	.4754812
#2	9.302367	33.74723	.1577314	-.003777	.888251	.2661906	.4621263
#3	9.211817	33.85967	.1588908	-.003329	1.000565	.2672896	.4640872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.33498	6.021716	.0545545	.0021093	1.268368	14.89678	.0073404
Stddev	.12214	.009485	.0012584	.0002268	.004175	.12115	.0010841
%RSD	.4310410	.1575117	2.306775	10.75041	.3291377	.8132364	14.76833

#1	28.33725	6.016547	.0540594	.0022977	1.268796	14.77372	.0069766
#2	28.21173	6.015939	.0559852	.0018577	1.272312	14.90072	.0085596
#3	28.45597	6.032663	.0536189	.0021726	1.263996	15.01591	.0064851

Sample Name: J5872-08 Acquired: 11/20/2018 16:29:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0135 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.660969	.1418729	.3453206
Stddev	.007230	.0010819	.0005960
%RSD	.2717170	.7626029	.1726062

#1	2.654039	.1430253	.3459787
#2	2.668466	.1408789	.3451658
#3	2.660401	.1417145	.3448172

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.638	2729.937	54212.81	5169.245	3443.450
Stddev	4.777	6.583	86.03	15.021	8.008
%RSD	.2008125	.2411483	.1586871	.2905891	.2325460

#1	2381.861	2724.941	54143.64	5179.027	3434.700
#2	2373.150	2737.397	54309.14	5176.759	3450.414
#3	2380.903	2727.473	54185.65	5151.950	3445.235

Sample Name: J5872-09 Acquired: 11/20/2018 16:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0161 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409096	-.004994	.1953183	.0056095	.0032633	108.2221	2.082321
Stddev	.0026600	.003147	.0022583	.0001551	.0013615	.2008	.005260
%RSD	6.502154	63.01060	1.156218	2.765376	41.72193	.1855228	.2525872

#1	.0382275	-.001370	.1965559	.0057777	.0047923	108.1076	2.076248
#2	.0435470	-.007031	.1927117	.0055790	.0021819	108.4539	2.085293
#3	.0409541	-.006582	.1966872	.0054720	.0028158	108.1048	2.085422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071520	.0022909	47.45451	.1114654	.1124743	.1396319	135.9957
Stddev	.0000907	.0000779	.25093	.0002631	.0004145	.0057046	.3954
%RSD	1.268656	3.398767	.5287839	.2359963	.3685504	4.085421	.2907319

#1	.0071734	.0022265	47.20443	.1112274	.1126381	.1330482	136.0953
#2	.0072300	.0022687	47.45281	.1114210	.1127818	.1431057	136.3317
#3	.0070524	.0023774	47.70629	.1117479	.1120029	.1427418	135.5600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.845182	28.03389	.1472789	-.003279	9.597090	.2542368	.4148072
Stddev	.084973	.12165	.0004673	.000582	.082810	.0029528	.0222014
%RSD	.9606675	.4339504	.3172968	17.75537	.8628666	1.161429	5.352214

#1	8.754971	27.97725	.1473807	-.002836	9.633294	.2543655	.3904973
#2	8.856871	27.95089	.1476869	-.003938	9.655633	.2571232	.4199140
#3	8.923706	28.17354	.1467691	-.003062	9.502343	.2512218	.4340101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.24755	6.460669	.0507590	.0019891	1.565291	14.29753	.0063326
Stddev	.14939	.000645	.0018492	.0003045	.002693	.09606	.0012523
%RSD	.6161016	.0099867	3.643064	15.30675	.1720310	.6718578	19.77568

#1	24.25258	6.461355	.0502346	.0016832	1.566360	14.24976	.0053563
#2	24.39437	6.460578	.0528138	.0022921	1.567286	14.40811	.0077445
#3	24.09571	6.460075	.0492287	.0019920	1.562228	14.23472	.0058968

Sample Name: J5872-09 Acquired: 11/20/2018 16:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0161 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.770606	.1198276	.3183850
Stddev	.006702	.0009954	.0012472
%RSD	.2418924	.8307357	.3917141

#1	2.762874	.1187052	.3171737
#2	2.774194	.1206035	.3183163
#3	2.774751	.1201742	.3196651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.609	2728.901	53974.16	5190.272	3481.628
Stddev	7.423	4.656	63.80	50.518	6.069
%RSD	.3123180	.1706350	.1182033	.9733272	.1743045

#1	2380.550	2727.409	53903.70	5171.320	3478.975
#2	2368.047	2725.174	53990.78	5151.970	3477.337
#3	2381.230	2734.121	54028.01	5247.525	3488.571

Sample Name: J5872-10 Acquired: 11/20/2018 16:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0187 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457911	-.006992	.2600992	.0095077	.0045671	127.5883	2.079596
Stddev	.0036369	.002197	.0025419	.0004273	.0005128	.7003	.002145
%RSD	7.942265	31.41587	.9772931	4.493989	11.22851	.5488390	.1031422

#1	.0418078	-.006339	.2591102	.0092804	.0050554	128.3915	2.077589
#2	.0466307	-.009441	.2582004	.0092422	.0046130	127.1061	2.081856
#3	.0489347	-.005195	.2629870	.0100006	.0040329	127.2674	2.079343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084983	.0032556	47.30082	.1263354	.1216948	.1851533	156.3793
Stddev	.0000419	.0000558	.14920	.0009978	.0001230	.0011224	1.8038
%RSD	.4925846	1.713832	.3154228	.7897981	.1011019	.6061885	1.153458

#1	.0085366	.0033200	47.14973	.1252806	.1216888	.1838617	158.4527
#2	.0084536	.0032234	47.44805	.1264614	.1215748	.1858917	155.5135
#3	.0085047	.0032233	47.30467	.1272643	.1218207	.1857065	155.1716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.834612	31.47790	.1606314	-.003118	1.456168	.2652712	.5325135
Stddev	.037537	.48802	.0005694	.000241	.110341	.0036755	.0051128
%RSD	.4248888	1.550344	.3544687	7.728339	7.577490	1.385558	.9601229

#1	8.796134	32.02964	.1610104	-.002923	1.344632	.2629281	.5319307
#2	8.871132	31.10281	.1599766	-.003045	1.565274	.2695073	.5378926
#3	8.836568	31.30125	.1609071	-.003387	1.458599	.2633782	.5277170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.46324	7.915011	.0503310	.0021715	1.671711	16.63422	.0070836
Stddev	.22069	.015903	.0023128	.0002276	.004197	.12799	.0004824
%RSD	.6798148	.2009184	4.595167	10.48198	.2510601	.7694449	6.810321

#1	32.65232	7.923202	.0529761	.0022830	1.669813	16.53915	.0067870
#2	32.22074	7.896682	.0493269	.0019096	1.676522	16.58375	.0076402
#3	32.51665	7.925147	.0486899	.0023219	1.668798	16.77975	.0068235

Sample Name: J5872-10 Acquired: 11/20/2018 16:38:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0187 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.037285	.1320826	.3387476
Stddev	.009389	.0021166	.0009157
%RSD	.3091336	1.602482	.2703104

#1	3.047981	.1297375	.3397873
#2	3.033468	.1326592	.3380612
#3	3.030405	.1338512	.3383943

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.420	2780.236	55228.60	5299.754	3451.366
Stddev	12.498	9.010	224.82	38.593	12.025
%RSD	.5127597	.3240599	.4070673	.7282068	.3484046

#1	2432.250	2770.050	55004.40	5255.192	3438.141
#2	2428.336	2787.163	55454.03	5321.767	3461.642
#3	2451.673	2783.495	55227.37	5322.304	3454.314

Sample Name: J5872-14 Acquired: 11/20/2018 16:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0238 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411545	-.011631	.2710394	.0121710	.0057193	134.2396	2.008841
Stddev	.0019283	.001311	.0028100	.0010932	.0017713	.4906	.001225
%RSD	4.685483	11.27026	1.036761	8.982036	30.97023	.3654920	.0609878

#1	.0390748	-.011457	.2679542	.0120405	.0057102	134.1439	2.009798
#2	.0428831	-.013020	.2717116	.0133235	.0074951	133.8038	2.007460
#3	.0415057	-.010416	.2734523	.0111488	.0039526	134.7710	2.009264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088930	.0018798	46.20624	.1440206	.0995373	.1794503	173.6688
Stddev	.0000664	.0000921	.06170	.0067375	.0005020	.0058263	1.8148
%RSD	.7469914	4.898664	.1335396	4.678179	.5043277	3.246736	1.044994

#1	.0089603	.0018912	46.27509	.1517979	.0989590	.1858032	172.9606
#2	.0088275	.0019656	46.15594	.1399587	.0998607	.1743565	172.3148
#3	.0088914	.0017825	46.18769	.1403052	.0997921	.1781913	175.7309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.382133	30.42434	.1489179	-.003910	1.839062	.3346785	.5069922
Stddev	.043841	.26445	.0004143	.001127	.105369	.0051211	.0159271
%RSD	.6869390	.8691903	.2782314	28.83140	5.729484	1.530145	3.141489

#1	6.429200	30.31742	.1487005	-.005185	1.911120	.3294018	.5219927
#2	6.342457	30.23010	.1493957	-.003501	1.887936	.3396283	.5087065
#3	6.374742	30.72550	.1486576	-.003044	1.718131	.3350053	.4902772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.96791	10.71248	.0493104	.0021011	1.834702	16.83970	.0108257
Stddev	.09256	.01624	.0054192	.0001085	.005787	.09287	.0009614
%RSD	.3088649	.1515685	10.98999	5.164341	.3154299	.5515030	8.880392

#1	29.88081	10.72041	.0451831	.0020571	1.828021	16.83941	.0113915
#2	29.95780	10.72322	.0473009	.0020216	1.837916	16.74697	.0097157
#3	30.06510	10.69380	.0554474	.0022247	1.838168	16.93271	.0113698

Sample Name: J5872-14 Acquired: 11/20/2018 16:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0238 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.359776	.1492507	.3793289
Stddev	.024768	.0011123	.0010426
%RSD	.4621114	.7452213	.2748425

#1	5.349115	.1486555	.3804634
#2	5.342123	.1505339	.3784130
#3	5.388089	.1485628	.3791104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.416	2822.861	55203.51	5314.059	3528.573
Stddev	76.146	3.781	1810.87	17.492	5.921
%RSD	3.127902	.1339285	3.280346	.3291699	.1678113

#1	2348.382	2819.021	53115.09	5293.926	3532.569
#2	2461.719	2822.983	56157.77	5325.528	3521.770
#3	2493.146	2826.579	56337.69	5322.723	3531.380

Sample Name: J5872-15 Acquired: 11/20/2018 16:48:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0261 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565334	-.009428	.4301389	.0101016	.0065790	133.1089	2.083960
Stddev	.0049318	.004142	.0038806	.0005622	.0020737	.5596	.001241
%RSD	8.723669	43.93341	.9021843	5.565872	31.52066	.4204396	.0595271

#1	.0604428	-.012398	.4286379	.0104567	.0055762	132.5752	2.082684
#2	.0581647	-.004696	.4272330	.0103947	.0089635	133.0603	2.084035
#3	.0509926	-.011190	.4345459	.0094533	.0051972	133.6913	2.085161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090001	.0043840	47.59582	.1411926	.1140852	.2122778	171.9098
Stddev	.0000633	.0000599	.14557	.0005949	.0007747	.0035698	2.0756
%RSD	.7039114	1.367309	.3058389	.4213243	.6790209	1.681664	1.207368

#1	.0090065	.0044494	47.63305	.1418770	.1144952	.2129305	169.7717
#2	.0090600	.0043713	47.71916	.1407995	.1131917	.2154763	172.0410
#3	.0089338	.0043315	47.43525	.1409012	.1145686	.2084267	173.9166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.291583	29.33081	.1553409	-.001914	1.501600	.3105491	.6979857
Stddev	.011828	.20467	.0005565	.000459	.126570	.0033817	.0195563
%RSD	.1622131	.6978002	.3582732	23.99064	8.429016	1.088935	2.801821

#1	7.294758	29.16206	.1554344	-.002366	1.364412	.3089996	.6837356
#2	7.301500	29.27188	.1558447	-.001929	1.526555	.3082198	.6899399
#3	7.278492	29.55848	.1547435	-.001448	1.613835	.3144279	.7202814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.75187	12.64313	.0480013	.0026232	2.422781	15.07519	.0090873
Stddev	.08457	.01951	.0018244	.0002749	.012354	.08018	.0008794
%RSD	.2663431	.1543113	3.800675	10.47977	.5099215	.5318681	9.677480

#1	31.65862	12.64564	.0463530	.0029385	2.418382	15.16272	.0081286
#2	31.82360	12.62249	.0476894	.0024972	2.436732	15.00530	.0098566
#3	31.77337	12.66127	.0499616	.0024339	2.413228	15.05753	.0092766

Sample Name: J5872-15 Acquired: 11/20/2018 16:48:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0261 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.216253	.1610156	.3914332
Stddev	.022823	.0003621	.0006061
%RSD	.5413059	.2248781	.1548344

#1	4.190401	.1606806	.3920932
#2	4.233612	.1609665	.3913048
#3	4.224744	.1613998	.3909016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.175	2830.647	56342.07	5392.537	3488.681
Stddev	16.936	2.889	175.56	11.984	5.733
%RSD	.6839550	.1020585	.3115879	.2222299	.1643358

#1	2490.600	2827.311	56544.75	5386.432	3482.721
#2	2457.527	2832.277	56237.39	5384.834	3494.157
#3	2480.399	2832.352	56244.08	5406.343	3489.166

Sample Name: J5872-16 Acquired: 11/20/2018 16:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0262 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417613	-.014663	.2642897	.0111881	.0046235	144.4856	1.969404
Stddev	.0026520	.004739	.0023344	.0033282	.0030221	1.4246	.013483
%RSD	6.350282	32.31977	.8832568	29.74747	65.36263	.9859934	.6846358

#1	.0387620	-.020019	.2619577	.0117142	.0013678	142.9468	1.955891
#2	.0437958	-.012956	.2642849	.0142219	.0051638	144.7517	1.969466
#3	.0427261	-.011013	.2666264	.0076282	.0073390	145.7585	1.982857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093927	.0008132	51.75224	.1594637	.1071783	.1687225	181.3457
Stddev	.0000339	.0001557	.25239	.0045451	.0004442	.0046239	1.8561
%RSD	.3611452	19.15009	.4876814	2.850251	.4144320	2.740530	1.023529

#1	.0093542	.0009472	51.51081	.1647120	.1074555	.1715168	179.3735
#2	.0094180	.0008500	51.73161	.1568587	.1066660	.1712655	181.6052
#3	.0094060	.0006424	52.01431	.1568206	.1074134	.1633853	183.0585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.375368	32.78875	.1659774	-.004055	2.047726	.3714577	.4452362
Stddev	.026607	.28753	.0004341	.000740	.082611	.0021473	.0157567
%RSD	.4949717	.8769170	.2615137	18.24119	4.034301	.5780689	3.538952

#1	5.345288	32.50016	.1664339	-.004589	2.138461	.3699640	.4587203
#2	5.384993	32.79090	.1659286	-.004365	2.027854	.3704908	.4490729
#3	5.395823	33.07521	.1655699	-.003211	1.976863	.3739185	.4279155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.90685	11.51476	.0477649	.0015281	2.078350	9.649461	.0099615
Stddev	.26574	.02485	.0017589	.0001978	.009636	.062209	.0006607
%RSD	1.025744	.2158213	3.682326	12.94627	.4636449	.6446879	6.632361

#1	25.61648	11.49691	.0459906	.0016909	2.087150	9.580621	.0102410
#2	25.96612	11.54315	.0477962	.0013079	2.079848	9.666111	.0092070
#3	26.13794	11.50424	.0495079	.0015856	2.068053	9.701650	.0104365

Sample Name: J5872-16 Acquired: 11/20/2018 16:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0262 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.513870	.1647212	.4235509
Stddev	.049634	.0012687	.0025342
%RSD	.9001697	.7702420	.5983190

#1	5.464412	.1636075	.4206766
#2	5.513517	.1644537	.4245128
#3	5.563679	.1661024	.4254634

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.316	2854.685	55810.81	5447.386	3478.959
Stddev	46.344	8.183	1052.82	37.329	7.032
%RSD	1.893651	.2866579	1.886413	.6852736	.2021298

#1	2394.227	2846.789	54595.74	5488.907	3472.843
#2	2468.039	2854.138	56384.62	5436.651	3477.391
#3	2479.682	2863.128	56452.06	5416.600	3486.642

Sample Name: J5872-17 Acquired: 11/20/2018 16:56:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0284 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390659	-.011069	.2501717	.0113183	.0050950	121.8009	1.948942
Stddev	.0057525	.003876	.0017941	.0014692	.0019765	1.4095	.021901
%RSD	14.72520	35.01817	.7171371	12.98119	38.79370	1.157220	1.123731

#1	.0377510	-.015048	.2518364	.0128149	.0072855	123.2526	1.973899
#2	.0453620	-.010855	.2482715	.0098780	.0045548	120.4377	1.932924
#3	.0340846	-.007304	.2504073	.0112618	.0034447	121.7125	1.940004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087468	.0008714	52.73607	.1276241	.1114882	.1685553	175.5032
Stddev	.0001787	.0000986	.52942	.0010712	.0002880	.0008480	2.2870
%RSD	2.043404	11.31386	1.003912	.8393267	.2583023	.5031163	1.303116

#1	.0087649	.0008325	53.34731	.1264975	.1112119	.1686111	177.1473
#2	.0085597	.0009835	52.43912	.1286296	.1117866	.1693741	172.8914
#3	.0089158	.0007981	52.42177	.1277451	.1114662	.1676808	176.4708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.916753	28.88506	.1497827	-.002568	1.937459	.3638387	.4415459
Stddev	.058333	.31382	.0002847	.000246	.154443	.0058550	.0076738
%RSD	.9858908	1.086454	.1900405	9.579551	7.971408	1.609230	1.737935

#1	5.982762	29.13906	.1499629	-.002468	2.105031	.3669785	.4403822
#2	5.872137	28.53424	.1499307	-.002849	1.906513	.3570836	.4345204
#3	5.895360	28.98189	.1494546	-.002389	1.800832	.3674542	.4497350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.82387	12.07610	.0373824	.0016758	2.052915	14.33265	.0088500
Stddev	.26748	.02476	.0006092	.0001465	.010932	.39860	.0005627
%RSD	1.171917	.2050491	1.629553	8.743656	.5324970	2.781061	6.357900

#1	23.12058	12.08129	.0367234	.0016975	2.048036	14.06620	.0091572
#2	22.60125	12.04916	.0379249	.0018103	2.045272	14.14087	.0082006
#3	22.74977	12.09786	.0374988	.0015196	2.065436	14.79089	.0091923

Sample Name: J5872-17 Acquired: 11/20/2018 16:56:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0284 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.360009	.1362559	.3857957
Stddev	.043843	.0018172	.0038075
%RSD	1.005573	1.333687	.9869321

#1	4.400268	.1373918	.3899108
#2	4.313297	.1341600	.3823977
#3	4.366462	.1372160	.3850786

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.867	2825.431	56463.22	5360.956	3528.956
Stddev	8.685	1.023	35.89	60.131	4.786
%RSD	.3511997	.0361967	.0635643	1.121644	.1356211

#1	2463.997	2825.191	56470.86	5310.830	3524.643
#2	2473.250	2826.553	56424.13	5427.628	3534.105
#3	2481.354	2824.550	56494.68	5344.411	3528.119

Sample Name: J5872-18 Acquired: 11/20/2018 17:00:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0285 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503817	-.017141	.3193416	.0087839	.0039893	130.7075	1.586415
Stddev	.0018247	.000760	.0014782	.0033546	.0001091	4.6392	.055651
%RSD	3.621704	4.433221	.4628947	38.19036	2.735291	3.549314	3.507990

#1	.0482927	-.017516	.3176930	.0109908	.0038894	132.7746	1.617773
#2	.0516640	-.016267	.3197829	.0104373	.0039729	125.3941	1.522161
#3	.0511884	-.017641	.3205490	.0049235	.0041058	133.9539	1.619312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084370	.0011020	55.14317	.1141232	.0783342	.1640157	156.8352
Stddev	.0002042	.0002577	1.97688	.0012536	.0008085	.0091854	5.7838
%RSD	2.420270	23.38163	3.584989	1.098462	1.032127	5.600346	3.687790

#1	.0084268	.0010002	56.06769	.1139767	.0774052	.1682680	159.1247
#2	.0082381	.0013950	52.87343	.1154436	.0788782	.1534746	150.2572
#3	.0086462	.0009107	56.48840	.1129492	.0787194	.1703045	161.1237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.743930	24.76847	.1193957	-.002854	2.412189	.3171090	.4376160
Stddev	.138353	.92468	.0003891	.000634	.240159	.0170287	.0058330
%RSD	3.695386	3.733286	.3258825	22.20116	9.956042	5.369997	1.332898

#1	3.805827	25.00003	.1190139	-.002451	2.657264	.3232674	.4339768
#2	3.585435	23.75002	.1193815	-.003584	2.177269	.2978578	.4345274
#3	3.840527	25.55536	.1197917	-.002526	2.402033	.3302018	.4443438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.22868	13.43079	.0339846	.0010653	1.889333	11.53240	.0103342
Stddev	.54722	.02216	.0034946	.0001556	.004444	.33005	.0005305
%RSD	3.176207	.1650187	10.28282	14.60800	.2352323	2.861907	5.133231

#1	17.50512	13.42575	.0348425	.0012349	1.892475	11.54113	.0106654
#2	16.59839	13.41159	.0301410	.0010320	1.891276	11.19807	.0097223
#3	17.58253	13.45504	.0369704	.0009291	1.884248	11.85799	.0106148

Sample Name: J5872-18 Acquired: 11/20/2018 17:00:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0285 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.729352	.1405310	.4306930
Stddev	.208250	.0035375	.0160941
%RSD	3.634790	2.517218	3.736793

#1	5.810290	.1426911	.4393974
#2	5.492784	.1364486	.4121213
#3	5.884981	.1424532	.4405605

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.369	2826.300	56230.46	5484.671	3529.724
Stddev	13.299	9.115	317.12	148.462	3.100
%RSD	.5379184	.3225226	.5639688	2.706856	.0878306

#1	2457.050	2818.961	55865.93	5433.741	3530.626
#2	2480.961	2823.434	56382.70	5651.895	3526.272
#3	2479.096	2836.504	56442.76	5368.376	3532.272

Sample Name: J5872-19 Acquired: 11/20/2018 17:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0330 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447541	-.012045	.3519514	.0097626	.0061625	130.0198	1.859294
Stddev	.0014224	.000319	.0020444	.0006654	.0002504	1.0574	.003712
%RSD	3.178196	2.648436	.5808764	6.815845	4.063836	.8132417	.1996627

#1	.0431875	-.012247	.3543112	.0098685	.0059002	130.9388	1.860260
#2	.0451102	-.011677	.3507148	.0103686	.0063991	130.2564	1.862428
#3	.0459646	-.012211	.3508282	.0090505	.0061881	128.8642	1.855195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096773	.0017316	53.11674	.1344063	.0900978	.1772217	159.3850
Stddev	.0000668	.0001895	.25499	.0004029	.0002574	.0030800	2.9419
%RSD	.6901179	10.94535	.4800549	.2997729	.2856953	1.737956	1.845808

#1	.0096999	.0015432	52.89300	.1339419	.0901034	.1807499	162.3037
#2	.0097299	.0017294	53.39437	.1346142	.0898376	.1750695	159.4310
#3	.0096022	.0019222	53.06285	.1346627	.0903523	.1758458	156.4203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.058569	28.11762	.1364160	-.001334	1.772130	.3040508	.5040186
Stddev	.024418	.49933	.0004341	.000485	.111979	.0061785	.0030578
%RSD	.4827052	1.775867	.3182353	36.39262	6.318918	2.032056	.6066811

#1	5.030880	28.67855	.1367873	-.000809	1.706324	.3109972	.5020663
#2	5.077020	27.95270	.1359387	-.001425	1.708640	.3019862	.5024469
#3	5.067807	27.72160	.1365221	-.001767	1.901426	.2991690	.5075426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.84776	11.66513	.0359141	.0013736	2.032353	18.86452	.0096492
Stddev	.14759	.02325	.0029557	.0000801	.005653	.11642	.0014496
%RSD	.5497186	.1993216	8.229915	5.829163	.2781400	.6171328	15.02338

#1	26.92740	11.64476	.0380794	.0013189	2.029345	18.99155	.0113047
#2	26.93842	11.66016	.0371161	.0013365	2.028840	18.83908	.0090361
#3	26.67746	11.69046	.0325467	.0014655	2.038874	18.76291	.0086069

Sample Name: J5872-19 Acquired: 11/20/2018 17:05:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0330 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.442784	.1299289	.3801451
Stddev	.036963	.0014418	.0008168
%RSD	.8319857	1.109715	.2148558

#1	4.463043	.1284915	.3794870
#2	4.465188	.1313751	.3810592
#3	4.400120	.1299202	.3798891

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.569	2853.182	56930.38	5481.724	3545.583
Stddev	12.154	6.285	271.82	49.662	7.431
%RSD	.4848833	.2202662	.4774517	.9059558	.2095920

#1	2509.182	2846.943	57082.06	5450.403	3537.164
#2	2493.321	2859.511	56616.58	5455.784	3551.227
#3	2517.204	2853.092	57092.51	5538.985	3548.359

Sample Name: J5872-20 Acquired: 11/20/2018 17:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0377 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440587	-.012297	.2972172	.0100244	.0066666	137.5403	1.834942
Stddev	.0019977	.002860	.0019159	.0029065	.0007200	.4745	.003796
%RSD	4.534217	23.25980	.6446250	28.99394	10.79967	.3450206	.2068765

#1	.0452671	-.011948	.2951623	.0068776	.0062903	137.7294	1.839136
#2	.0451562	-.015315	.2989544	.0105876	.0062127	137.0004	1.833950
#3	.0417529	-.009627	.2975350	.0126081	.0074967	137.8912	1.831741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094246	.0014246	56.91897	.1332675	.0941883	.1754605	173.4481
Stddev	.0000760	.0000877	.25180	.0010094	.0002207	.0015760	1.2001
%RSD	.8068066	6.157047	.4423910	.7574364	.2342842	.8982159	.6918975

#1	.0093379	.0013729	56.89267	.1343863	.0940509	.1744607	173.4373
#2	.0094798	.0015259	57.18288	.1324249	.0944428	.1772773	172.2535
#3	.0094560	.0013751	56.68134	.1329914	.0940711	.1746437	174.6536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.789975	27.88596	.1392793	-.002520	2.181544	.3761513	.5284862
Stddev	.037915	.16462	.0001022	.000108	.155848	.0084427	.0143468
%RSD	.6548456	.5903340	.0733735	4.299976	7.143951	2.244504	2.714692

#1	5.826082	27.93005	.1393970	-.002489	2.239950	.3821014	.5369349
#2	5.793365	27.70379	.1392137	-.002641	2.299753	.3664884	.5366026
#3	5.750479	28.02405	.1392271	-.002431	2.004929	.3798640	.5119211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.95921	13.47907	.0409527	.0018480	2.117461	15.31045	.0109648
Stddev	.04213	.02037	.0030561	.0002888	.002857	.03974	.0008235
%RSD	.1758472	.1511210	7.462523	15.62543	.1349024	.2595320	7.510025

#1	23.99999	13.46086	.0408635	.0015238	2.114370	15.33941	.0101105
#2	23.91584	13.47528	.0379421	.0020776	2.118009	15.26515	.0110304
#3	23.96180	13.50107	.0440524	.0019426	2.120003	15.32680	.0117535

Sample Name: J5872-20 Acquired: 11/20/2018 17:09:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0377 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.478783	.1638068	.4206272
Stddev	.009363	.0005833	.0013817
%RSD	.1708872	.3560778	.3284900

#1	5.471530	.1631935	.4217170
#2	5.489352	.1643545	.4210915
#3	5.475466	.1638724	.4190732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.331	2874.315	57039.40	5507.945	3570.117
Stddev	16.525	5.399	469.13	13.804	6.999
%RSD	.6635811	.1878218	.8224625	.2506127	.1960315

#1	2472.929	2869.260	56528.22	5495.905	3563.766
#2	2492.250	2873.684	57139.75	5523.011	3568.965
#3	2505.812	2880.002	57450.23	5504.921	3577.620

Sample Name: J5872-21 Acquired: 11/20/2018 17:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0402 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422738	-.010486	.2583934	.0124689	.0049135	147.0469	2.194398
Stddev	.0034494	.000898	.0030357	.0029477	.0012598	.6959	.003407
%RSD	8.159709	8.565011	1.174819	23.64046	25.64038	.4732393	.1552688

#1	.0461214	-.010030	.2595453	.0130583	.0052591	147.6314	2.195146
#2	.0412416	-.009907	.2549504	.0150773	.0035169	147.2322	2.190678
#3	.0394583	-.011521	.2606846	.0092710	.0059644	146.2771	2.197368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102481	.0018203	53.07576	.1496023	.1066818	.1905315	179.7990
Stddev	.0001414	.0000597	.22311	.0006794	.0006265	.0024809	2.6173
%RSD	1.379554	3.278614	.4203592	.4541301	.5872564	1.302069	1.455668

#1	.0103378	.0017607	52.86591	.1495219	.1073079	.1879035	181.7883
#2	.0100851	.0018201	53.05126	.1489667	.1060549	.1908580	180.7747
#3	.0103213	.0018801	53.31010	.1503183	.1066828	.1928329	176.8340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.886798	29.88121	.1735958	-.002662	1.607493	.3674234	.5367645
Stddev	.021030	.50039	.0003423	.000352	.191160	.0066109	.0101053
%RSD	.3053634	1.674611	.1972064	13.22406	11.89182	1.799259	1.882627

#1	6.872607	30.20397	.1733114	-.002345	1.473572	.3695307	.5251036
#2	6.910958	30.13489	.1735002	-.003041	1.522496	.3727237	.5422286
#3	6.876828	29.30479	.1739758	-.002601	1.826411	.3600157	.5429613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.37187	12.32832	.0444338	.0020826	2.259390	17.05217	.0081931
Stddev	.09749	.02283	.0014949	.0004762	.007467	.09280	.0014871
%RSD	.3561528	.1851748	3.364280	22.86523	.3304686	.5441877	18.15074

#1	27.46535	12.30215	.0452118	.0025823	2.259888	17.15637	.0078789
#2	27.27082	12.33872	.0453793	.0020313	2.251686	17.02171	.0098123
#3	27.37945	12.34411	.0427104	.0016341	2.266594	16.97843	.0068883

Sample Name: J5872-21 Acquired: 11/20/2018 17:14:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0402 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.523113	.1823776	.4123363
Stddev	.030387	.0008279	.0004097
%RSD	.6718063	.4539237	.0993684

#1	4.527401	.1814442	.4123873
#2	4.551127	.1826653	.4127181
#3	4.490810	.1830232	.4119034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.169	2840.553	56913.67	5445.664	3494.850
Stddev	4.522	3.006	190.77	39.997	7.262
%RSD	.1815036	.1058275	.3351835	.7344685	.2077831

#1	2489.100	2837.099	56715.38	5399.487	3486.485
#2	2496.354	2841.983	56929.73	5468.051	3499.542
#3	2488.051	2842.578	57095.89	5469.454	3498.521

Sample Name: CCV018 Acquired: 11/20/2018 17:19:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.670404	4.846985	22.84995	4.666479	F 4.408937	387.4077
Stddev	.004069	.006128	.03091	.011959	.012554	1.8599
%RSD	.0871250	.1264286	.1352553	.2562800	.2847457	.4800988

#1	4.667789	4.844379	22.85359	4.679967	4.403738	389.4748
#2	4.668331	4.842592	22.81738	4.657170	4.399818	386.8791
#3	4.675092	4.853986	22.87887	4.662301	4.423256	385.8693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.973502	.4586752	2.434365	377.8690	15.07315	2.399461
Stddev	.060741	.0036603	.003434	.3688	.01821	.004820
%RSD	.6090200	.7980240	.1410516	.0976093	.1208289	.2008804

#1	10.04170	.4624984	2.435603	378.2941	15.09108	2.399626
#2	9.95357	.4552030	2.430484	377.6331	15.05467	2.394560
#3	9.92523	.4583242	2.437009	377.6799	15.07371	2.404196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.32898	380.3595	F 13.38144	372.1168	2.531675	1.197869
Stddev	.06498	2.1001	.02496	1.8714	.004943	.004381
%RSD	.4534861	.5521294	.1865449	.5029117	.1952554	.3657612

#1	14.38072	382.1484	13.38582	374.0135	2.535353	1.193065
#2	14.35016	380.8829	13.40393	372.0652	2.526056	1.198896
#3	14.25605	378.0472	13.35459	370.2717	2.533616	1.201646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	380.5221	2.425538	13.97295	148.4217	4.666194	4.584710
Stddev	1.7414	.035077	.18584	.6010	.010418	.023808
%RSD	.4576302	1.446147	1.329996	.4048962	.2232612	.5192816

#1	382.3685	2.462431	13.82911	148.8940	4.654305	4.612167
#2	380.2885	2.421570	14.18278	148.6257	4.670550	4.572161
#3	378.9094	2.392614	13.90697	147.7453	4.673727	4.569802

Sample Name: CCV018 Acquired: 11/20/2018 17:19:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730401	F 4.111596	4.822178	5.071044	4.672331	4.769771
Stddev	.002812	.011854	.034733	.004470	.008008	.020991
%RSD	.0594531	.2883026	.7202825	.0881460	.1713835	.4400932

#1	4.731525	4.120832	4.861305	5.073098	4.676498	4.793898
#2	4.727201	4.115727	4.794986	5.074118	4.677396	4.759725
#3	4.732478	4.098230	4.810242	5.065917	4.663099	4.755691

Elem	Sr4077
Units	ppm
Avg	4.652507
Stddev	.012070
%RSD	.2594344

#1	4.665596
#2	4.650109
#3	4.641815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.348	2061.876	44973.76	4335.307	2943.372
Stddev	9.412	6.159	201.08	12.337	10.312
%RSD	.5045719	.2987024	.4471133	.2845670	.3503373

#1	1874.925	2054.912	45161.38	4324.276	2931.582
#2	1856.110	2064.110	44761.49	4348.629	2947.820
#3	1865.007	2066.607	44998.40	4333.017	2950.712

Sample Name: CCB018 Acquired: 11/20/2018 17:25:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005412	-.000390	.0003641	-.001426	-.001530	.0138558	-.001237
Stddev	.0013313	.001544	.0012056	.002440	.000183	.0058158	.000434
%RSD	245.9944	395.6109	331.1035	171.1590	11.96942	41.97366	35.03816

#1	-.000091	.000179	.0014416	-.001297	-.001548	.0175999	-.001022
#2	-.000356	-.002138	-.000938	.000948	-.001703	.0071558	-.000953
#3	.002071	.000789	.000589	-.003928	-.001339	.0168119	-.001736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000792	.0036700	.0001316	-.000138	-.000365	-.010612
Stddev	.000015	.0000403	.0097051	.0002856	.000060	.003083	.013946
%RSD	92.98614	50.88801	264.4447	216.9753	43.21576	844.5801	131.4115

#1	-.000013	.0000464	-.006677	-.000143	-.000085	-.003923	-.008431
#2	-.000033	.0000670	.005115	.000427	-.000203	.001342	.002115
#3	-.000003	.0001242	.012571	.000110	-.000127	.001487	-.025520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	-.021060	-.000836	.0007692	.0825488	-.000504	.0010861
Stddev	.001263	.031475	.000309	.0001845	.1033187	.002876	.0076965
%RSD	562.4497	149.4530	36.93762	23.98906	125.1608	570.7235	708.6032

#1	.001176	-.057061	-.001033	.0009709	-.005003	-.000131	.0095578
#2	-.001276	-.007372	-.000995	.0006089	.056141	.002167	-.000824
#3	-.000573	.001253	-.000480	.0007277	.196509	-.003548	-.005475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366295	-.002061	.0069767	.0000988	-.000924	.0023441	.0004934
Stddev	.0760132	.002161	.0004128	.0001052	.003200	.0005297	.0005008
%RSD	55.63451	104.8621	5.916749	106.5252	346.2999	22.59783	101.5049

#1	.2230617	-.004082	.0074388	.0001158	.000995	.0029390	.0010632
#2	.1066465	.000217	.0068468	.0001945	.000851	.0021695	.0002936
#3	.0801804	-.002318	.0066444	-.000014	-.004618	.0019237	.0001232

Sample Name: CCB018 Acquired: 11/20/2018 17:25:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001183	.0053177	-.000047
Stddev	.001445	.0019967	.000081
%RSD	122.1849	37.54877	173.3762

#1	-.001273	.0030695	-.000096
#2	.000305	.0059992	.000047
#3	-.002581	.0068846	-.000092

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.632	2411.878	46850.46	4499.200	3643.751
Stddev	7.617	8.077	161.24	17.742	7.960
%RSD	.3627999	.3348814	.3441693	.3943302	.2184489

#1	2091.199	2408.700	46698.69	4512.775	3634.849
#2	2106.015	2405.874	46832.94	4479.125	3646.218
#3	2101.683	2421.061	47019.75	4505.700	3650.184

Sample Name: J5872-22 Acquired: 11/20/2018 17:29:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0427 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046245	.0050335	.0017030	-.005794	-.001124	-.027106	-.003291
Stddev	.0006394	.0003280	.0003606	.000486	.000317	.004412	.000115
%RSD	13.82620	6.515588	21.17591	8.386085	28.16340	16.27626	3.502645

#1	.0047447	.0054009	.0014444	-.005390	-.001488	-.026124	-.003390
#2	.0039336	.0049293	.0021149	-.005658	-.000911	-.031927	-.003164
#3	.0051953	.0047703	.0015496	-.006333	-.000974	-.023269	-.003319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	-.000012	-.036595	-.000112	-.000212	-.007047	-.032804
Stddev	.0000213	.000015	.004474	.000035	.000079	.001220	.008010
%RSD	36.19867	123.7622	12.22550	31.29706	37.03801	17.31832	24.41903

#1	.0000793	-.000027	-.031508	-.000135	-.000126	-.005638	-.039629
#2	.0000600	.000003	-.039917	-.000072	-.000280	-.007779	-.034798
#3	.0000368	-.000012	-.038360	-.000130	-.000231	-.007724	-.023985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	.0040000	.0011349	.0005896	-.298344	.0025758	.0083805
Stddev	.000391	.0062949	.0000157	.0000335	.080084	.0007270	.0008041
%RSD	336.0915	157.3730	1.379300	5.689059	26.84290	28.22514	9.595171

#1	-.000310	-.002860	.0011518	.0005533	-.387160	.0020309	.0089331
#2	.000334	.009511	.0011321	.0006195	-.231635	.0022952	.0074580
#3	-.000373	.005350	.0011209	.0005960	-.276238	.0034014	.0087505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.559542	-.003707	.0004746	-.000801	-.002807	-.010108	-.002319
Stddev	.012976	.000197	.0001541	.000080	.000918	.000237	.000074
%RSD	2.319000	5.316486	32.47310	9.977885	32.71753	2.346642	3.191396

#1	-.549549	-.003878	.0003780	-.000756	-.001755	-.009903	-.002260
#2	-.554870	-.003492	.0006523	-.000893	-.003216	-.010368	-.002294
#3	-.574207	-.003751	.0003935	-.000753	-.003450	-.010053	-.002402

Sample Name: J5872-22 Acquired: 11/20/2018 17:29:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0427 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002758	-.008807	-.000171
Stddev	.000563	.000623	.000015
%RSD	20.42846	7.073003	9.001826

#1	-.003340	-.008121	-.000167
#2	-.002718	-.009337	-.000187
#3	-.002215	-.008962	-.000157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7961.087	9111.553	168231.0	13309.07	13934.41
Stddev	156.497	116.814	3202.1	567.33	179.11
%RSD	1.965775	1.282042	1.903390	4.262737	1.285412

#1	8075.070	9237.994	170638.7	13342.30	14128.84
#2	8025.534	9089.013	169457.3	13859.05	13898.27
#3	7782.657	9007.652	164597.0	12725.85	13776.12

Sample Name: J5873-01 Acquired: 11/20/2018 17:34:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0233 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473311	-.000800	.3303793	.0061131	.0047451	118.7757	1.837490
Stddev	.0011740	.003420	.0015607	.0015924	.0031832	.1716	.001931
%RSD	2.480428	427.4660	.4723970	26.04914	67.08353	.1444599	.1051120

#1	.0479777	-.000736	.3294500	.0042745	.0043894	118.8488	1.839259
#2	.0459759	.002588	.3295068	.0070554	.0017547	118.5797	1.837780
#3	.0480396	-.004252	.3321812	.0070094	.0080912	118.8986	1.835429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088678	.0038144	63.33401	.1187987	.0934864	.1657374	134.0048
Stddev	.0000486	.0000964	.08293	.0030918	.0008692	.0011926	.6885
%RSD	.5486224	2.527553	.1309392	2.602557	.9297907	.7195453	.5137671

#1	.0088297	.0039161	63.28722	.1222157	.0943873	.1663080	134.3084
#2	.0088510	.0038027	63.28505	.1161945	.0934192	.1643667	133.2167
#3	.0089226	.0037243	63.42976	.1179860	.0926528	.1665373	134.4892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.068608	40.91718	.1662412	-.000957	1.073269	.1719120	.5531668
Stddev	.023460	.42472	.0017991	.000519	.442440	.0037781	.0011152
%RSD	.3865830	1.037994	1.082223	54.20361	41.22362	2.197673	.2016111

#1	6.050299	41.14083	.1678360	-.001137	.562446	.1693359	.5539180
#2	6.060471	40.42737	.1665968	-.000372	1.335620	.1701511	.5536970
#3	6.095053	41.18333	.1642909	-.001362	1.321743	.1762491	.5518854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.58648	6.342739	.0316309	.0013364	2.388522	16.23507	.0047171
Stddev	.12032	.048714	.0020382	.0002307	.015491	.13794	.0009981
%RSD	.4066743	.7680300	6.443753	17.26008	.6485446	.8496257	21.15973

#1	29.50894	6.381188	.0292785	.0014171	2.406197	16.12201	.0041843
#2	29.72509	6.359072	.0328683	.0015159	2.377306	16.19445	.0058686
#3	29.52542	6.287957	.0327460	.0010762	2.382062	16.38876	.0040984

Sample Name: J5873-01 Acquired: 11/20/2018 17:34:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0233 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.126480	.1177769	.3312254
Stddev	.005965	.0009250	.0003226
%RSD	.5295527	.7853983	.0973996

#1	1.124409	.1174327	.3308570
#2	1.121827	.1170734	.3313622
#3	1.133205	.1188247	.3314571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.384	2827.067	56395.01	5421.396	3516.643
Stddev	50.486	14.754	1377.59	9.952	20.521
%RSD	2.024804	.5218710	2.442748	.1835632	.5835527

#1	2449.825	2812.131	54935.08	5431.727	3499.380
#2	2548.717	2827.438	57671.97	5411.873	3511.217
#3	2481.609	2841.631	56577.98	5420.586	3539.333

Sample Name: J5873-02 Acquired: 11/20/2018 17:38:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0234 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359356	-.001163	.1735852	.0067373	.0057977	124.0605	1.579586
Stddev	.0015753	.001652	.0027036	.0007030	.0019847	.6337	.004807
%RSD	4.383589	142.0101	1.557522	10.43466	34.23267	.5107935	.3043065

#1	.0349426	-.000368	.1714111	.0075420	.0041601	124.2698	1.584467
#2	.0351122	-.000060	.1766125	.0062422	.0080050	124.5630	1.579434
#3	.0377519	-.003063	.1727320	.0064278	.0052281	123.3486	1.574857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094632	.0013392	41.09194	.1202731	.0920792	.1340937	137.0877
Stddev	.0000687	.0000604	.11458	.0005622	.0004476	.0037985	1.2726
%RSD	.7257936	4.510429	.2788368	.4674084	.4861449	2.832741	.9283440

#1	.0094538	.0014039	40.97075	.1196845	.0918942	.1327625	138.0859
#2	.0095361	.0013294	41.10658	.1208044	.0917538	.1383787	137.5226
#3	.0093998	.0012843	41.19850	.1203303	.0925897	.1311400	135.6546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.151605	44.59163	.1681859	-.002295	1.506172	.1759855	.3840914
Stddev	.021120	.69056	.0001491	.000214	.198927	.0009575	.0116420
%RSD	.4099676	1.548628	.0886362	9.329681	13.20745	.5441000	3.031042

#1	5.146960	44.88598	.1680912	-.002222	1.382001	.1764394	.3803570
#2	5.133195	45.08624	.1681088	-.002127	1.735614	.1766317	.3747749
#3	5.174661	43.80267	.1683578	-.002536	1.400902	.1748854	.3971424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.35669	4.900154	.0271061	.0006736	1.393804	13.26104	.0044622
Stddev	.14293	.009922	.0000820	.0002413	.006822	.20274	.0006471
%RSD	.5636693	.2024912	.3025649	35.82377	.4894279	1.528850	14.50196

#1	25.39073	4.896203	.0271741	.0004410	1.396344	13.04552	.0038202
#2	25.47952	4.892816	.0271292	.0009228	1.386077	13.28964	.0044522
#3	25.19981	4.911443	.0270150	.0006571	1.398992	13.44797	.0051142

Sample Name: J5873-02 Acquired: 11/20/2018 17:38:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0234 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9010852	.1272356	.3970156
Stddev	.0015416	.0015980	.0002635
%RSD	.1710785	1.255900	.0663684

#1	.9023654	.1261418	.3972973
#2	.8993740	.1264956	.3969742
#3	.9015161	.1290694	.3967752

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.884	2875.505	57157.44	5480.002	3549.312
Stddev	8.716	2.448	232.76	39.971	2.148
%RSD	.3456248	.0851382	.4072255	.7294043	.0605313

#1	2512.275	2873.372	56984.03	5446.671	3549.593
#2	2529.281	2878.178	57421.98	5469.018	3551.306
#3	2524.096	2874.964	57066.32	5524.317	3547.037

Sample Name: J5873-03 Acquired: 11/20/2018 17:43:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0258 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525308	-.002151	.4479248	.0073832	.0056149	108.4327	1.842810
Stddev	.0018278	.000773	.0019839	.0026464	.0019237	.1779	.001581
%RSD	3.479520	35.94077	.4429000	35.84367	34.26102	.1640740	.0857794

#1	.0539021	-.003013	.4458890	.0050638	.0075856	108.3786	1.843417
#2	.0532347	-.001520	.4480332	.0102660	.0037419	108.6314	1.843997
#3	.0504557	-.001918	.4498523	.0068199	.0055171	108.2881	1.841015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083414	.0050913	49.81251	.1168550	.1006734	.1752871	131.0279
Stddev	.0000490	.0001128	.11283	.0002171	.0007148	.0021702	.1540
%RSD	.5872362	2.214732	.2265090	.1858172	.7099914	1.238086	.1174950

#1	.0083081	.0052106	49.92105	.1166383	.1012913	.1777530	131.1561
#2	.0083184	.0050767	49.82064	.1168541	.0998906	.1736677	131.0704
#3	.0083976	.0049866	49.69583	.1170726	.1008384	.1744407	130.8571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.826684	32.95275	.1491038	-.000110	1.076305	.2004930	.6169218
Stddev	.008948	.18777	.0005619	.000130	.033013	.0069348	.0182329
%RSD	.1310776	.5698200	.3768233	118.6356	3.067269	3.458894	2.955466

#1	6.831287	33.09784	.1484814	-.000159	1.046116	.1972862	.6100948
#2	6.832395	33.01974	.1492565	.000038	1.111557	.2084509	.6375831
#3	6.816372	32.74067	.1495735	-.000209	1.071241	.1957419	.6030877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.29566	5.977285	.0275490	.0015835	2.336354	14.10435	.0052893
Stddev	.10679	.022249	.0024552	.0002248	.007312	.28842	.0006247
%RSD	.3912457	.3722240	8.912149	14.19434	.3129475	2.044915	11.81038

#1	27.18964	5.996010	.0300695	.0018425	2.337269	13.79489	.0059638
#2	27.40321	5.952689	.0274128	.0014693	2.328628	14.15249	.0047307
#3	27.29414	5.983155	.0251647	.0014388	2.343165	14.36567	.0051734

Sample Name: J5873-03 Acquired: 11/20/2018 17:43:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0258 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.317386	.1066892	.2957965
Stddev	.004009	.0012775	.0002784
%RSD	.3043014	1.197382	.0941228

#1	1.320207	.1052766	.2960764
#2	1.319154	.1070272	.2957936
#3	1.312797	.1077636	.2955196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.468	2884.382	57446.15	5513.762	3631.362
Stddev	2.021	3.330	91.76	31.009	9.353
%RSD	.0792602	.1154350	.1597341	.5623936	.2575585

#1	2547.600	2881.024	57382.68	5547.486	3627.484
#2	2549.193	2887.682	57551.36	5486.480	3642.030
#3	2551.613	2884.440	57404.42	5507.321	3624.572

Sample Name: J5873-04 Acquired: 11/20/2018 17:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0259 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383214	-.002730	.2119648	.0091456	.0037270	119.3355	1.560463
Stddev	.0006667	.000474	.0019102	.0012513	.0013722	1.1031	.011920
%RSD	1.739794	17.37001	.9012017	13.68218	36.81806	.9243270	.7638673

#1	.0383298	-.003261	.2109092	.0094370	.0051252	118.9443	1.554673
#2	.0389838	-.002580	.2108154	.0102255	.0036736	120.5808	1.574172
#3	.0376505	-.002349	.2141699	.0077743	.0023823	118.4814	1.552544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092444	.0021204	41.24309	.1277862	.0939913	.1506333	140.9674
Stddev	.0000206	.0000696	.41434	.0004735	.0005029	.0003375	1.5665
%RSD	.2227012	3.281851	1.004638	.3705333	.5350269	.2240703	1.111242

#1	.0092660	.0020777	41.24837	.1279525	.0943247	.1504609	141.1373
#2	.0092420	.0020827	41.65478	.1272519	.0934129	.1504168	142.4420
#3	.0092250	.0022007	40.82614	.1281540	.0942363	.1510222	139.3229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.236107	37.33444	.1633323	-.002002	1.207857	.1940652	.4392486
Stddev	.042845	.40596	.0008150	.000193	.113111	.0080788	.0178034
%RSD	.8182529	1.087359	.4990048	9.630017	9.364577	4.162922	4.053161

#1	5.258999	37.26271	.1629338	-.002122	1.327492	.1890201	.4407167
#2	5.262642	37.77149	.1627931	-.001779	1.193423	.2033831	.4207565
#3	5.186679	36.96913	.1642699	-.002104	1.102656	.1897924	.4562725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.40560	5.307708	.0231508	.0007449	1.685624	14.38917	.0059071
Stddev	.22085	.006131	.0020918	.0001389	.011197	.29131	.0004813
%RSD	.8693023	.1155173	9.035504	18.64909	.6642488	2.024507	8.147982

#1	25.26863	5.302368	.0249298	.0006607	1.674194	14.06996	.0053798
#2	25.66038	5.306352	.0236762	.0006688	1.686107	14.45692	.0063228
#3	25.28781	5.314404	.0208464	.0009053	1.696572	14.64064	.0060188

Sample Name: J5873-04 Acquired: 11/20/2018 17:48:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0259 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.205046	.1120557	.3338905
Stddev	.012111	.0022403	.0028418
%RSD	1.005039	1.999296	.8511209

#1	1.211763	.1106557	.3336375
#2	1.212310	.1146396	.3368504
#3	1.191064	.1108717	.3311837

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2554.652	2896.938	57767.69	5545.665	3593.202
Stddev	5.018	1.211	49.84	48.709	1.441
%RSD	.1964205	.0417963	.0862729	.8783340	.0401088

#1	2558.782	2898.246	57820.53	5562.001	3591.588
#2	2549.068	2896.714	57760.99	5490.888	3594.360
#3	2556.107	2895.855	57721.54	5584.107	3593.660

Sample Name: J5873-05 Acquired: 11/20/2018 17:52:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539642	-.002562	.6222019	.0067379	.0077231	125.0081	1.948436
Stddev	.0026945	.002395	.0019861	.0027299	.0010703	.2819	.001604
%RSD	4.993088	93.50503	.3192114	40.51496	13.85807	.2254810	.0823327

#1	.0512603	-.000007	.6208281	.0046898	.0065423	125.2070	1.947636
#2	.0566491	-.004757	.6212983	.0098371	.0086293	124.6856	1.947388
#3	.0539832	-.002921	.6244791	.0056868	.0079977	125.1318	1.950282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106050	.0045984	55.36056	.1344076	.1038001	.1594378	159.5374
Stddev	.0000865	.0001031	.07508	.0011384	.0003347	.0010978	.4498
%RSD	.8152699	2.241806	.1356130	.8470067	.3224549	.6885519	.2819429

#1	.0105713	.0047144	55.44534	.1339433	.1035889	.1597287	160.0129
#2	.0107032	.0045635	55.33384	.1335746	.1036253	.1582238	159.1187
#3	.0105404	.0045173	55.30249	.1357048	.1041860	.1603609	159.4807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.895683	40.61389	.1794559	-.000854	1.230960	.2618939	.8660337
Stddev	.022962	.08032	.0002761	.000027	.190669	.0028335	.0123298
%RSD	.3894687	.1977580	.1538706	3.138824	15.48943	1.081935	1.423710

#1	5.882932	40.70640	.1793378	-.000879	1.430726	.2607266	.8522018
#2	5.922191	40.57342	.1792585	-.000825	1.050922	.2651246	.8700286
#3	5.881927	40.56187	.1797714	-.000857	1.211234	.2598306	.8758707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.57801	9.972715	.0260397	.0014023	2.465108	14.31629	.0070787
Stddev	.01463	.008388	.0017552	.0000611	.006533	.06601	.0009858
%RSD	.0478540	.0841054	6.740335	4.359203	.2650076	.4610948	13.92707

#1	30.57552	9.968748	.0242391	.0013326	2.459878	14.37910	.0059765
#2	30.56479	9.982350	.0261345	.0014273	2.463016	14.32229	.0078764
#3	30.59373	9.967047	.0277455	.0014470	2.472430	14.24748	.0073831

Sample Name: J5873-05 Acquired: 11/20/2018 17:52:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0397 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.733211	.1335095	.4271464
Stddev	.007588	.0010038	.0006451
%RSD	.4378290	.7518856	.1510223

#1	1.739930	.1344364	.4271299
#2	1.724980	.1324432	.4265098
#3	1.734723	.1336487	.4277996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.689	2936.524	58575.84	5656.967	3581.465
Stddev	6.736	5.200	150.65	31.782	2.930
%RSD	.2600197	.1770654	.2571798	.5618188	.0818196

#1	2597.325	2930.593	58691.08	5631.243	3578.104
#2	2583.857	2940.299	58405.38	5647.163	3582.807
#3	2590.884	2938.679	58631.08	5692.496	3583.484

Sample Name: J5873-06 Acquired: 11/20/2018 17:57:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0422 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461192	-.006746	.3594000	.0115766	.0053272	127.0960	2.190191
Stddev	.0023741	.002592	.0020856	.0009823	.0009557	.6512	.007835
%RSD	5.147843	38.42264	.5802998	8.485270	17.93890	.5123671	.3577306

#1	.0479347	-.005916	.3613420	.0119818	.0042915	127.4907	2.194394
#2	.0434326	-.004671	.3596623	.0104565	.0061749	127.4530	2.195027
#3	.0469904	-.009651	.3571956	.0122914	.0055152	126.3444	2.181151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099312	.0034100	45.99637	.1540862	.1202671	.2010769	176.4535
Stddev	.0000208	.0000328	.23484	.0003606	.0003434	.0020526	1.0328
%RSD	.2092160	.9617995	.5105537	.2340040	.2855518	1.020800	.5853328

#1	.0099533	.0033724	46.06532	.1544456	.1206272	.2030627	177.0521
#2	.0099121	.0034329	46.18901	.1537245	.1199433	.2012044	177.0476
#3	.0099283	.0034246	45.73477	.1540885	.1202309	.1989635	175.2609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.623248	27.85125	.1672441	-.002254	1.579071	.3224873	.6350994
Stddev	.038215	.29854	.0004120	.000221	.149507	.0065444	.0071561
%RSD	.5012965	1.071910	.2463267	9.825861	9.468013	2.029363	1.126767

#1	7.610542	27.96108	.1668319	-.002507	1.420410	.3289537	.6286427
#2	7.666198	28.07933	.1672448	-.002163	1.717327	.3158675	.6427935
#3	7.593005	27.51336	.1676558	-.002093	1.599476	.3226408	.6338620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.81630	11.70331	.0242722	.0017551	2.227198	12.31121	.0073515
Stddev	.09247	.00734	.0022284	.0000952	.007881	.20354	.0007065
%RSD	.3448329	.0627350	9.180639	5.425547	.3538623	1.653308	9.609990

#1	26.90411	11.70725	.0259840	.0016461	2.218248	12.09898	.0065358
#2	26.82500	11.69484	.0250801	.0018222	2.233098	12.32987	.0077502
#3	26.71979	11.70785	.0217526	.0017969	2.230249	12.50478	.0077685

Sample Name: J5873-06 Acquired: 11/20/2018 17:57:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0422 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.032270	.1574004	.3696266
Stddev	.020180	.0001712	.0021493
%RSD	.6655149	.1087344	.5814827

#1	3.031165	.1572236	.3701387
#2	3.052979	.1574124	.3714735
#3	3.012665	.1575652	.3672675

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.558	2937.445	58389.48	5597.104	3567.942
Stddev	16.238	5.900	388.23	30.061	9.862
%RSD	.6316796	.2008472	.6649031	.5370849	.2764180

#1	2551.863	2931.798	57958.07	5563.873	3556.897
#2	2578.668	2936.969	58710.74	5605.036	3571.066
#3	2581.142	2943.569	58499.63	5622.405	3575.865

Sample Name: J5873-07 Acquired: 11/20/2018 18:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0447 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734478	-.005332	1.056485	.0100072	.0077364	123.5827	2.188238
Stddev	.0064355	.004063	.001324	.0012073	.0020639	.1441	.006457
%RSD	8.762014	76.18564	.1252740	12.06450	26.67806	.1165635	.2950871

#1	.0715085	-.009911	1.057871	.0113945	.0100770	123.5204	2.195509
#2	.0806299	-.002158	1.056349	.0094323	.0061775	123.7475	2.183172
#3	.0682049	-.003928	1.055234	.0091947	.0069548	123.4803	2.186034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092889	.0079527	48.37199	.1526649	.1110712	.2445453	174.8539
Stddev	.0001476	.0001145	.08720	.0005132	.0004101	.0034526	.7102
%RSD	1.589113	1.439659	.1802772	.3361594	.3692511	1.411864	.4061945

#1	.0091210	.0080244	48.27228	.1530936	.1106660	.2459906	174.8184
#2	.0093475	.0078207	48.43403	.1520963	.1110617	.2470403	175.5812
#3	.0093983	.0080131	48.40965	.1528048	.1114861	.2406048	174.1621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.162454	27.47471	.1642840	.0022907	1.513302	.3507984	1.164591
Stddev	.026270	.21014	.0007135	.0004588	.275592	.0021164	.009688
%RSD	.3667742	.7648416	.4343143	20.02975	18.21128	.6033108	.8319087

#1	7.155041	27.58648	.1650648	.0018167	1.827732	.3487153	1.155727
#2	7.191633	27.60534	.1636659	.0027327	1.313647	.3529466	1.163112
#3	7.140686	27.23231	.1641213	.0023228	1.398528	.3507333	1.174934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.57839	12.06399	.0291541	.0024748	2.563584	14.16382	.0088335
Stddev	.08624	.02751	.0022374	.0001569	.008689	.35719	.0005200
%RSD	.3657538	.2280659	7.674392	6.340256	.3389464	2.521853	5.886299

#1	23.48457	12.09379	.0316747	.0023100	2.559981	13.78308	.0084390
#2	23.65420	12.03954	.0283843	.0024920	2.573495	14.21684	.0094228
#3	23.59641	12.05864	.0274032	.0026224	2.557276	14.49153	.0086389

Sample Name: J5873-07 Acquired: 11/20/2018 18:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0447 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.213499	.1435012	.3662270
Stddev	.013598	.0008186	.0004735
%RSD	.4231643	.5704645	.1293035

#1	3.207297	.1427061	.3660799
#2	3.229093	.1434561	.3667567
#3	3.204108	.1443415	.3658445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.437	2892.423	57795.30	5530.778	3547.310
Stddev	10.381	3.218	86.17	45.987	8.499
%RSD	.4100808	.1112425	.1490939	.8314661	.2396008

#1	2540.072	2889.349	57815.61	5578.606	3538.156
#2	2519.919	2895.767	57700.79	5486.886	3554.951
#3	2534.320	2892.153	57869.50	5526.843	3548.823

Sample Name: J5873-08 Acquired: 11/20/2018 18:07:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0552 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566792	.0004983	.5574486	.0080186	.0046801	115.8578	2.085335
Stddev	.0043281	.0020468	.0005155	.0022039	.0012665	.2162	.003773
%RSD	7.636065	410.7809	.0924807	27.48502	27.06080	.1865679	.1809434

#1	.0587590	-.000611	.5574027	.0079495	.0061276	115.6494	2.081293
#2	.0517038	-.000754	.5579855	.0102562	.0041363	116.0810	2.088766
#3	.0595748	.002860	.5569575	.0058500	.0037763	115.8430	2.085944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087450	.0067567	56.48318	.1212975	.1018681	.1992471	139.5320
Stddev	.0000603	.0000197	.13602	.0006891	.0003119	.0013051	.4193
%RSD	.6897510	.2916521	.2408151	.5681219	.3062221	.6549916	.3004993

#1	.0087658	.0067433	56.49964	.1217986	.1015080	.1989257	139.3958
#2	.0087922	.0067474	56.33968	.1215822	.1020412	.1981328	140.0025
#3	.0086770	.0067793	56.61023	.1205116	.1020552	.2006828	139.1978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.038126	36.24844	.1653658	.0000431	.9241291	.2090324	.7663372
Stddev	.030169	.23428	.0004272	.0000986	.0483615	.0061762	.0080427
%RSD	.3753213	.6463235	.2583184	229.1203	5.233193	2.954641	1.049497

#1	8.014047	36.32145	.1649453	.0001131	.9542459	.2123815	.7675257
#2	8.028364	36.43753	.1653526	.0000858	.8683452	.2128105	.7737194
#3	8.071967	35.98635	.1657994	-.000070	.9497961	.2019050	.7577663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.01673	6.288559	.0343258	.0020051	2.793726	16.45895	.0060496
Stddev	.05956	.018832	.0015524	.0003062	.012959	.13980	.0002065
%RSD	.2052564	.2994610	4.522456	15.27192	.4638642	.8493752	3.413385

#1	29.07273	6.282188	.0326369	.0018273	2.803173	16.31535	.0062596
#2	29.02331	6.273739	.0346500	.0018294	2.778953	16.59461	.0060424
#3	28.95416	6.309750	.0356905	.0023588	2.799053	16.46689	.0058468

Sample Name: J5873-08 Acquired: 11/20/2018 18:07:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0552 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.358768	.1153019	.3196658
Stddev	.010701	.0010993	.0008031
%RSD	.7875284	.9533801	.2512240

#1	1.351405	.1165539	.3192088
#2	1.353857	.1148563	.3191954
#3	1.371043	.1144953	.3205930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.460	2851.569	56703.02	5433.179	3571.053
Stddev	7.380	3.821	173.03	58.466	3.441
%RSD	.2958385	.1340095	.3051507	1.076094	.0963530

#1	2488.200	2847.674	56576.25	5394.378	3567.590
#2	2492.584	2855.312	56632.67	5404.733	3574.471
#3	2502.597	2851.722	56900.15	5500.424	3571.097

Sample Name: J5873-09 Acquired: 11/20/2018 18:12:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0553 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550094	.0003456	.3065603	.0067936	.0050657	102.9769	1.334849
Stddev	.0032647	.0019033	.0019682	.0027379	.0003196	.2936	.002153
%RSD	5.934849	550.7139	.6420190	40.30152	6.309732	.2851479	.1613230

#1	.0512443	-.001218	.3088067	.0075355	.0050839	102.6914	1.334865
#2	.0567302	-.000210	.3051390	.0037612	.0047374	102.9612	1.336994
#3	.0570539	.002465	.3057352	.0090842	.0053759	103.2780	1.332688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078868	.0050613	31.80819	.1137222	.0900854	.1945264	128.6256
Stddev	.0000386	.0000502	.11580	.0005884	.0001903	.0035065	.5886
%RSD	.4895662	.9918181	.3640432	.5173993	.2112183	1.802582	.4576062

#1	.0078914	.0051179	31.92472	.1131318	.0902353	.1979603	128.0937
#2	.0078461	.0050441	31.69314	.1143086	.0898713	.1909515	128.5251
#3	.0079229	.0050220	31.80671	.1137261	.0901495	.1946675	129.2580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.293784	27.90447	.1360226	-.000332	.8095399	.2077880	.4866552
Stddev	.035245	.21137	.0006608	.000083	.0408071	.0070887	.0047418
%RSD	.5600025	.7574646	.4858147	25.12358	5.040773	3.411485	.9743740

#1	6.333016	28.02960	.1360502	-.000422	.8105986	.2124033	.4894580
#2	6.264793	27.66043	.1353485	-.000316	.8498074	.2113346	.4893272
#3	6.283544	28.02338	.1366693	-.000258	.7682138	.1996260	.4811803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.87168	4.635982	.0252868	.0019540	2.073721	15.29971	.0059638
Stddev	.07154	.005578	.0020808	.0002785	.005252	.18827	.0013411
%RSD	.2876379	.1203102	8.228744	14.25043	.2532443	1.230569	22.48709

#1	24.80134	4.638209	.0231642	.0019776	2.068048	15.36921	.0073673
#2	24.86934	4.629634	.0273231	.0022200	2.074703	15.08656	.0046953
#3	24.94436	4.640101	.0253732	.0016645	2.078413	15.44335	.0058287

Sample Name: J5873-09 Acquired: 11/20/2018 18:12:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0553 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.464887	.1073913	.2875254
Stddev	.007360	.0017203	.0006792
%RSD	.5024455	1.601863	.2362255

#1	1.465224	.1058288	.2882914
#2	1.457364	.1071103	.2869964
#3	1.472073	.1092348	.2872884

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.185	2892.533	57625.12	5530.023	3665.630
Stddev	12.763	1.654	359.01	43.041	7.755
%RSD	.5012746	.0571755	.6230018	.7783121	.2115724

#1	2546.831	2893.250	57825.72	5501.024	3657.691
#2	2533.110	2890.641	57210.65	5579.477	3673.188
#3	2558.612	2893.707	57838.99	5509.569	3666.010

Sample Name: J5873-10 Acquired: 11/20/2018 18:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0554 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306714	-.000547	.1867178	.0078905	.0035459	129.3464	1.182852
Stddev	.0027960	.001058	.0015167	.0019799	.0009715	.1575	.002537
%RSD	9.116068	193.2995	.8123142	25.09218	27.39805	.1217899	.2144514

#1	.0338238	-.000269	.1850840	.0092579	.0029752	129.4992	1.183114
#2	.0284913	-.001717	.1880810	.0056201	.0029948	129.3554	1.185247
#3	.0296992	.000344	.1869884	.0087934	.0046677	129.1845	1.180195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097592	.0014406	33.78755	.1194827	.0772135	.1380908	133.2087
Stddev	.0000653	.0000402	.12497	.0006653	.0001831	.0004889	.4092
%RSD	.6694449	2.789450	.3698636	.5568152	.2371587	.3540412	.3071799

#1	.0096915	.0014333	33.70845	.1187667	.0770029	.1383946	133.6060
#2	.0098219	.0014046	33.93162	.1195995	.0773023	.1383509	132.7886
#3	.0097643	.0014839	33.72257	.1200818	.0773353	.1375268	133.2314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.814514	45.52430	.1433504	-.000584	2.116464	.1554813	.3925726
Stddev	.007588	.27052	.0001555	.000403	.032611	.0042289	.0117165
%RSD	.1989342	.5942262	.1084790	69.10943	1.540824	2.719870	2.984545

#1	3.805851	45.80264	.1432151	-.000476	2.133058	.1582363	.3872556
#2	3.817706	45.50791	.1433160	-.000245	2.078893	.1506122	.3844573
#3	3.819985	45.26235	.1435203	-.001030	2.137441	.1575953	.4060048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.16731	3.702975	.0178820	.0003183	1.221896	9.295359	.0058092
Stddev	.07525	.012536	.0026160	.0000406	.001725	.135250	.0008973
%RSD	.3248125	.3385354	14.62944	12.75159	.1411845	1.455030	15.44654

#1	23.14451	3.703892	.0184962	.0002728	1.222904	9.139423	.0047754
#2	23.25132	3.690006	.0150135	.0003313	1.219904	9.365883	.0063867
#3	23.10609	3.715028	.0201363	.0003509	1.222881	9.380772	.0062655

Sample Name: J5873-10 Acquired: 11/20/2018 18:16:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0554 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7509645	.1354106	.4319104
Stddev	.0015135	.0004756	.0010424
%RSD	.2015429	.3512643	.2413379

#1	.7504295	.1358395	.4308909
#2	.7497912	.1354933	.4329742
#3	.7526729	.1348990	.4318661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.278	2922.492	58575.33	5648.229	3615.150
Stddev	19.126	3.044	57.35	44.662	3.717
%RSD	.7366517	.1041532	.0979159	.7907247	.1028090

#1	2604.375	2920.532	58619.05	5657.162	3616.592
#2	2610.023	2925.999	58510.39	5599.775	3617.929
#3	2574.436	2920.946	58596.56	5687.749	3610.928

Sample Name: J5873-11 Acquired: 11/20/2018 18:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0399 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555527	-.008588	.5906852	.0087490	.0077836	118.8550	2.188619
Stddev	.0000881	.001269	.0030376	.0009039	.0022192	2.7296	.047944
%RSD	.1585731	14.77856	.5142433	10.33183	28.51084	2.296589	2.190592

#1	.0555004	-.007136	.5871883	.0078960	.0055497	115.7033	2.133573
#2	.0556544	-.009141	.5926688	.0086545	.0099877	120.4032	2.221241
#3	.0555032	-.009487	.5921985	.0096965	.0078134	120.4586	2.211044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094588	.0054208	47.30341	.1444811	.1167367	.2025078	169.4827
Stddev	.0003053	.0002401	1.00572	.0016459	.0001042	.0086024	4.1810
%RSD	3.227410	4.428213	2.126101	1.139171	.0892823	4.247924	2.466937

#1	.0091064	.0056972	46.14242	.1433550	.1168552	.1939282	164.7170
#2	.0096422	.0053007	47.90709	.1437183	.1166958	.2111328	171.1967
#3	.0096279	.0052646	47.86073	.1463700	.1166591	.2024624	172.5344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.893577	27.13916	.1566886	-.001259	1.427488	.3277794	.7845991
Stddev	.174304	.78794	.0008119	.000220	.131542	.0109684	.0222216
%RSD	2.208181	2.903345	.5181871	17.50642	9.214958	3.346273	2.832230

#1	7.692978	26.22986	.1560910	-.001337	1.300116	.3155424	.7943686
#2	7.979664	27.62097	.1563618	-.001010	1.562837	.3367259	.7591663
#3	8.008090	27.56664	.1576130	-.001430	1.419510	.3310699	.8002622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.49395	11.99051	.0184470	.0022607	2.557171	15.84077	.0079988
Stddev	.54678	.01455	.0016836	.0002683	.004836	.59925	.0007838
%RSD	2.327313	.1213247	9.126745	11.86707	.1891304	3.782945	9.798958

#1	22.88142	11.98961	.0165197	.0019612	2.552022	15.17397	.0074624
#2	23.66770	12.00549	.0191902	.0023420	2.561618	16.01409	.0088983
#3	23.93275	11.97644	.0196311	.0024790	2.557874	16.33426	.0076357

Sample Name: J5873-11 Acquired: 11/20/2018 18:21:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0399 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.118589	.1416295	.3647062
Stddev	.069247	.0036743	.0083684
%RSD	2.220457	2.594280	2.294555

#1	3.038822	.1373960	.3550437
#2	3.153665	.1435058	.3694577
#3	3.163280	.1439869	.3696173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.708	2886.240	57748.14	5639.894	3563.154
Stddev	31.006	.784	753.69	110.979	3.791
%RSD	1.218459	.0271572	1.305135	1.967747	.1063921

#1	2524.750	2885.555	57710.60	5767.904	3566.066
#2	2580.429	2886.070	58519.90	5570.743	3558.868
#3	2528.944	2887.095	57013.92	5581.035	3564.530

Sample Name: J5873-12 Acquired: 11/20/2018 18:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0423 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497198	-.012838	.4004594	.0093414	.0048741	123.5803	2.106568
Stddev	.0017714	.001630	.0029107	.0006701	.0002334	.3718	.006793
%RSD	3.562657	12.69310	.7268479	7.173175	4.787568	.3008790	.3224832

#1	.0517635	-.011123	.4012363	.0093552	.0049318	123.6234	2.108193
#2	.0486269	-.014366	.3972391	.0100045	.0046174	123.9287	2.112401
#3	.0487689	-.013025	.4029029	.0086646	.0050733	123.1888	2.099109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093057	.0034577	45.12178	.1556654	.1227083	.1819874	172.1480
Stddev	.0000645	.0001177	.31467	.0004890	.0005834	.0040583	.5080
%RSD	.6930325	3.403214	.6973821	.3141288	.4754501	2.230002	.2950882

#1	.0093110	.0035729	45.25527	.1561602	.1225604	.1836700	172.1020
#2	.0092387	.0034627	45.34771	.1551824	.1233514	.1773584	171.6645
#3	.0093674	.0033377	44.76237	.1556535	.1222131	.1849338	172.6774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.699495	26.79111	.1700334	-.001472	1.700268	.3977782	.5889040
Stddev	.030776	.06294	.0000590	.000197	.216689	.0034434	.0106733
%RSD	.4593762	.2349176	.0346787	13.38050	12.74443	.8656694	1.812394

#1	6.724486	26.78259	.1699711	-.001481	1.948800	.3974624	.5879155
#2	6.708880	26.85787	.1700410	-.001665	1.601066	.3945036	.5787594
#3	6.665119	26.73286	.1700883	-.001271	1.550938	.4013687	.6000371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.26902	11.83143	.0215028	.0014383	2.157623	16.40391	.0088595
Stddev	.08726	.01520	.0002821	.0003454	.002061	.01732	.0015306
%RSD	.4528701	.1285048	1.311995	24.01224	.0955304	.1055930	17.27675

#1	19.28814	11.82833	.0217921	.0014607	2.155744	16.42059	.0102068
#2	19.34514	11.81802	.0214879	.0017720	2.157299	16.40513	.0071952
#3	19.17378	11.84795	.0212284	.0010823	2.159828	16.38601	.0091764

Sample Name: J5873-12 Acquired: 11/20/2018 18:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0423 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.424763	.1507827	.3652849
Stddev	.012926	.0002449	.0016190
%RSD	.3774289	.1624467	.4432189

#1	3.430290	.1508838	.3662993
#2	3.434007	.1505034	.3661376
#3	3.409992	.1509610	.3634177

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.118	3082.129	61336.35	5894.883	3566.877
Stddev	5.990	6.560	103.00	30.203	3.185
%RSD	.2218352	.2128243	.1679300	.5123616	.0892818

#1	2693.293	3074.617	61304.01	5865.582	3564.755
#2	2702.558	3086.729	61451.64	5893.153	3570.538
#3	2704.502	3085.040	61253.39	5925.914	3565.336

Sample Name: J5873-13 Acquired: 11/20/2018 18:30:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0424 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647520	-.009963	.6183871	.0124020	.0071160	137.0776	2.083978
Stddev	.0030048	.001237	.0019019	.0009342	.0007253	.5693	.005836
%RSD	4.640541	12.41475	.3075503	7.532557	10.19264	.4153109	.2800386

#1	.0672619	-.010275	.6164703	.0113411	.0066954	137.6667	2.090244
#2	.0655717	-.008600	.6202736	.0127631	.0079535	136.5304	2.082992
#3	.0614223	-.011015	.6184175	.0131017	.0066990	137.0357	2.078698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097532	.0050842	46.75550	.1594468	.1167091	.2144382	188.0569
Stddev	.0000908	.0000350	.11310	.0013414	.0008465	.0070190	1.4774
%RSD	.9310411	.6893497	.2418897	.8412626	.7253170	3.273193	.7856294

#1	.0098094	.0050437	46.77493	.1589481	.1158077	.2205857	189.3180
#2	.0096484	.0051047	46.63395	.1584262	.1174872	.2067903	186.4314
#3	.0098017	.0051042	46.85762	.1609661	.1168325	.2159385	188.4214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.772799	28.66517	.1751051	-.000157	1.821964	.3655933	.8427041
Stddev	.025345	.26829	.0011415	.000182	.159902	.0056028	.0045822
%RSD	.3742111	.9359349	.6518686	115.7363	8.776354	1.532519	.5437492

#1	6.780865	28.86086	.1745460	.000049	1.849339	.3656050	.8421916
#2	6.744403	28.35934	.1764183	-.000295	1.966412	.3599847	.8383997
#3	6.793128	28.77532	.1743510	-.000226	1.650142	.3711903	.8475210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.84219	11.63981	.0275928	.0022373	2.138444	11.37511	.0078915
Stddev	.11107	.01337	.0037403	.0002141	.015768	.15162	.0019229
%RSD	.5084968	.1148473	13.55546	9.570258	.7373795	1.332881	24.36645

#1	21.95703	11.63167	.0298468	.0024178	2.121031	11.25946	.0060106
#2	21.73532	11.63251	.0296563	.0022933	2.151759	11.31911	.0078100
#3	21.83420	11.65523	.0232752	.0020007	2.142542	11.54676	.0098538

Sample Name: J5873-13 Acquired: 11/20/2018 18:30:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0424 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.787757	.1629890	.3669001
Stddev	.011445	.0007073	.0011758
%RSD	.3021467	.4339498	.3204670

#1	3.791420	.1628707	.3677229
#2	3.774929	.1623483	.3655535
#3	3.796922	.1637480	.3674240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.274	2883.865	57594.60	5528.981	3534.499
Stddev	5.720	6.141	36.81	24.408	2.374
%RSD	.2253685	.2129487	.0639055	.4414520	.0671726

#1	2531.823	2880.186	57605.61	5506.890	3534.135
#2	2540.268	2890.955	57624.65	5555.184	3537.034
#3	2542.730	2880.455	57553.55	5524.870	3532.328

Sample Name: J5873-14 Acquired: 11/20/2018 18:35:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0448 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537893	-.005606	.5696097	.0103407	.0064468	125.4567	2.290091
Stddev	.0036905	.000812	.0017999	.0026185	.0006915	2.1505	.032026
%RSD	6.860969	14.48765	.3159871	25.32220	10.72592	1.714144	1.398466

#1	.0570498	-.004763	.5677140	.0076466	.0056513	124.0174	2.268336
#2	.0497828	-.005672	.5698198	.0104993	.0067848	127.9288	2.326867
#3	.0545352	-.006383	.5712953	.0128764	.0069043	124.4239	2.275070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100798	.0045755	50.47298	.1590910	.1175983	.2051618	182.0652
Stddev	.0002609	.0001927	.77626	.0007684	.0010270	.0071618	3.7946
%RSD	2.588803	4.212461	1.537979	.4829719	.8733013	3.490799	2.084215

#1	.0099049	.0047877	50.25001	.1599353	.1164636	.1968944	179.4216
#2	.0103798	.0044112	51.33633	.1584328	.1178673	.2094653	186.4132
#3	.0099549	.0045277	49.83260	.1589047	.1184641	.2091256	180.3609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.720465	27.69761	.1797886	-.000055	1.502151	.3410991	.7940342
Stddev	.121968	.60762	.0005780	.000409	.080664	.0039369	.0124031
%RSD	1.579801	2.193748	.3214797	748.1534	5.369929	1.154173	1.562041

#1	7.673927	27.24611	.1803751	-.000480	1.409407	.3391492	.8083349
#2	7.858850	28.38845	.1792195	.000336	1.541064	.3456304	.7875598
#3	7.628617	27.45827	.1797712	-.000020	1.555983	.3385178	.7862080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.61982	13.79906	.0262325	.0017921	2.545607	12.23908	.0085742
Stddev	.46760	.05654	.0024920	.0002641	.007314	.26702	.0001865
%RSD	1.756590	.4097633	9.499524	14.73407	.2873282	2.181660	2.174677

#1	26.23345	13.73752	.0248020	.0017402	2.537470	11.95961	.0084713
#2	27.13964	13.81097	.0291099	.0020783	2.547716	12.49159	.0084618
#3	26.48638	13.84871	.0247856	.0015579	2.551635	12.26603	.0087894

Sample Name: J5873-14 Acquired: 11/20/2018 18:35:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0448 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.286871	.1513448	.3754925
Stddev	.052771	.0031562	.0059232
%RSD	1.605512	2.085433	1.577460

#1	3.266578	.1495261	.3722600
#2	3.346776	.1549892	.3823288
#3	3.247259	.1495191	.3718889

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.478	2941.075	58829.85	5556.833	3575.435
Stddev	16.255	1.367	310.78	90.954	7.773
%RSD	.6262951	.0464724	.5282650	1.636787	.2173943

#1	2599.282	2942.638	59011.74	5615.210	3582.669
#2	2609.493	2940.102	59006.81	5452.036	3567.217
#3	2577.658	2940.486	58471.01	5603.253	3576.419

Sample Name: J5873-15 Acquired: 11/20/2018 18:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0449 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547623	-.006960	.5348297	.0085696	.0072373	120.3433	2.253805
Stddev	.0017635	.003127	.0024592	.0029531	.0017264	.2265	.003893
%RSD	3.220223	44.92969	.4598170	34.45982	23.85389	.1882491	.1727353

#1	.0550304	-.006301	.5366315	.0083347	.0079334	120.6021	2.254836
#2	.0563763	-.010364	.5320280	.0057410	.0085069	120.1810	2.257078
#3	.0528801	-.004215	.5358295	.0116331	.0052715	120.2467	2.249500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092446	.0042813	48.68140	.1503569	.1267596	.1937830	171.6353
Stddev	.0000937	.0000642	.10243	.0015795	.0003930	.0028560	.5718
%RSD	1.013451	1.499193	.2104009	1.050465	.3100789	1.473830	.3331699

#1	.0093110	.0043133	48.56314	.1485836	.1263481	.1930273	172.1571
#2	.0091375	.0043231	48.74148	.1508746	.1267996	.1969409	171.0240
#3	.0092855	.0042074	48.73959	.1516126	.1271311	.1913809	171.7248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.760617	25.65492	.1752278	-.000663	1.459717	.3337053	.7113868
Stddev	.013523	.08378	.0003417	.000361	.218302	.0043189	.0040806
%RSD	.1543581	.3265678	.1949793	54.48438	14.95512	1.294231	.5736058

#1	8.767702	25.71468	.1749537	-.000269	1.222051	.3312876	.7143388
#2	8.769125	25.55916	.1751191	-.000978	1.651297	.3386916	.7067304
#3	8.745024	25.69092	.1756105	-.000743	1.505802	.3311367	.7130912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.36868	13.95030	.0229313	.0017057	2.380922	15.71637	.0072961
Stddev	.08983	.00817	.0023553	.0000734	.009009	.03750	.0004988
%RSD	.3686482	.0585394	10.27097	4.301166	.3783735	.2386110	6.836608

#1	24.46004	13.94255	.0242873	.0016281	2.384422	15.73078	.0067727
#2	24.36555	13.94952	.0202117	.0017151	2.387655	15.67380	.0077660
#3	24.28045	13.95883	.0242949	.0017739	2.370688	15.74453	.0073497

Sample Name: J5873-15 Acquired: 11/20/2018 18:40:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0449 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.226620	.1485191	.3413665
Stddev	.013436	.0005476	.0004947
%RSD	.4164117	.3687130	.1449118

#1	3.218719	.1486901	.3417944
#2	3.219007	.1489608	.3408249
#3	3.242133	.1479064	.3414802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.062	2892.698	57686.70	5523.804	3556.135
Stddev	10.361	4.784	439.13	22.334	5.787
%RSD	.4051956	.1653782	.7612396	.4043152	.1627449

#1	2555.933	2896.002	58141.85	5505.193	3561.959
#2	2547.312	2887.212	57652.68	5548.570	3556.062
#3	2567.942	2894.879	57265.57	5517.651	3550.385

Sample Name: J5873-16 Acquired: 11/20/2018 18:44:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0473 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578473	-.008552	.7437022	.0093840	.0085901	132.3649	2.205926
Stddev	.0017695	.004735	.0007291	.0015038	.0007177	.3913	.003382
%RSD	3.058960	55.37124	.0980335	16.02452	8.354497	.2956190	.1533349

#1	.0595336	-.009533	.7437728	.0100758	.0078373	132.5468	2.202893
#2	.0580034	-.003403	.7429404	.0104174	.0092666	132.6321	2.209574
#3	.0560049	-.012719	.7443935	.0076589	.0086662	131.9158	2.205313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097925	.0057028	53.40587	.1671458	.1111773	.2375069	192.2661
Stddev	.0000760	.0002492	.22105	.0006165	.0004199	.0009326	1.6580
%RSD	.7760593	4.370284	.4139128	.3688289	.3776560	.3926514	.8623267

#1	.0098324	.0059814	53.15541	.1664937	.1109232	.2380033	193.0405
#2	.0098403	.0055011	53.48845	.1672246	.1109468	.2380864	193.3951
#3	.0097049	.0056259	53.57374	.1677191	.1116619	.2364312	190.3626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.398910	30.26883	.1826281	.0001162	1.864591	.3670481	1.010456
Stddev	.053954	.22335	.0005173	.0002546	.094363	.0022979	.004734
%RSD	.7292109	.7378862	.2832335	219.0181	5.060811	.6260581	.4684923

#1	7.340952	30.46281	.1832177	.0003831	1.946332	.3658905	1.007626
#2	7.447678	30.31903	.1824164	-.000124	1.886117	.3696946	1.007820
#3	7.408102	30.02465	.1822504	.000089	1.761325	.3655592	1.015921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.74537	12.74184	.0334831	.0021814	2.576459	13.58113	.0085335
Stddev	.11079	.00875	.0018714	.0003342	.005747	.09605	.0005611
%RSD	.4303287	.0687072	5.589046	15.32126	.2230652	.7072661	6.574803

#1	25.87264	12.74848	.0347218	.0017972	2.578372	13.54641	.0091543
#2	25.69298	12.73192	.0313304	.0024051	2.569999	13.68972	.0080627
#3	25.67050	12.74512	.0343971	.0023419	2.581005	13.50727	.0083835

Sample Name: J5873-16 Acquired: 11/20/2018 18:44:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0473 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.589351	.1544117	.3864370
Stddev	.009356	.0011936	.0017891
%RSD	.2606467	.7730077	.4629756

#1	3.583913	.1557096	.3844764
#2	3.600154	.1541643	.3879812
#3	3.583986	.1533612	.3868534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2524.648	2868.988	57637.86	5507.811	3544.451
Stddev	9.222	13.416	390.68	33.524	6.156
%RSD	.3652905	.4676065	.6778222	.6086591	.1736847

#1	2519.238	2859.438	57251.05	5479.677	3539.099
#2	2535.297	2863.199	58032.30	5498.852	3543.075
#3	2519.409	2884.326	57630.22	5544.904	3551.179

Sample Name: J5873-17 Acquired: 11/20/2018 18:49:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0474 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581583	-.006503	.5886309	.0116396	.0079865	122.5469	2.304718
Stddev	.0044755	.002571	.0050879	.0013013	.0022498	.5531	.001745
%RSD	7.695329	39.53236	.8643642	11.18009	28.17060	.4513310	.0757039

#1	.0540955	-.003813	.5852742	.0130763	.0100036	121.9671	2.303582
#2	.0629556	-.006759	.5861337	.0113025	.0055601	122.6049	2.306727
#3	.0574239	-.008935	.5944850	.0105400	.0083958	123.0687	2.303844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099043	.0046576	53.37650	.1601368	.1095377	.2408533	192.8105
Stddev	.0001042	.0001394	.08788	.0003664	.0009669	.0024591	1.3812
%RSD	1.051881	2.993643	.1646509	.2288028	.8827348	1.021009	.7163503

#1	.0097842	.0048075	53.47692	.1599024	.1093677	.2420510	191.4426
#2	.0099597	.0045318	53.33902	.1599489	.1086671	.2380248	192.7843
#3	.0099691	.0046335	53.31358	.1605590	.1105784	.2424841	194.2046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.906947	30.66671	.1912201	.0005066	1.812120	.3510869	.8310113
Stddev	.020481	.21964	.0007479	.0001293	.230212	.0010092	.0012377
%RSD	.2590257	.7162143	.3911000	25.52394	12.70402	.2874634	.1489336

#1	7.928945	30.42996	.1911583	.0004515	1.707962	.3499320	.8298228
#2	7.903469	30.70635	.1905050	.0006544	2.076003	.3515298	.8309183
#3	7.888428	30.86384	.1919969	.0004140	1.652395	.3517990	.8322929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.70144	13.91744	.0274673	.0015176	2.558958	9.787352	.0084334
Stddev	.10042	.08997	.0042221	.0003931	.012423	.321796	.0004807
%RSD	.3625083	.6464831	15.37132	25.90304	.4854685	3.287873	5.699487

#1	27.59342	13.87256	.0315645	.0012586	2.559026	9.425219	.0082398
#2	27.79196	13.85874	.0231305	.0019699	2.546501	9.896330	.0080798
#3	27.71893	14.02103	.0277069	.0013242	2.571347	10.04051	.0089807

Sample Name: J5873-17 Acquired: 11/20/2018 18:49:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0474 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.080806	.1372317	.3810288
Stddev	.006711	.0005973	.0000481
%RSD	.2178407	.4352594	.0126150

#1	3.074264	.1372112	.3809751
#2	3.080480	.1366448	.3810436
#3	3.087675	.1378389	.3810678

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.497	2850.447	57050.50	5412.306	3533.229
Stddev	15.842	8.858	333.45	69.215	19.623
%RSD	.6290129	.3107482	.5844754	1.278839	.5553980

#1	2536.581	2851.223	57426.59	5489.793	3532.289
#2	2511.842	2858.891	56933.88	5356.608	3553.306
#3	2507.069	2841.226	56791.02	5390.516	3514.093

Sample Name: J5873-18 Acquired: 11/20/2018 18:54:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0532 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457383	-.004462	.2130900	.0055624	.0019771	111.0443	1.608262
Stddev	.0026872	.000536	.0019925	.0013122	.0012205	.2552	.003395
%RSD	5.875134	12.02376	.9350255	23.59004	61.73211	.2297905	.2111272

#1	.0476839	-.004201	.2114720	.0041284	.0015252	111.3357	1.611212
#2	.0468587	-.005079	.2153155	.0067031	.0033592	110.9364	1.609024
#3	.0426722	-.004105	.2124825	.0058557	.0010470	110.8609	1.604550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085217	.0026556	110.4723	.1136329	.0867346	.1618339	130.5910
Stddev	.0001466	.0000541	.4182	.0001048	.0002451	.0026223	.7813
%RSD	1.720682	2.037947	.3785787	.0922170	.2825964	1.620335	.5982653

#1	.0085829	.0026172	110.1669	.1137217	.0870088	.1619299	131.4046
#2	.0083543	.0026321	110.3010	.1136596	.0866582	.1591649	129.8466
#3	.0086278	.0027175	110.9490	.1135173	.0865368	.1644068	130.5218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.745171	33.16119	.1534328	-.001886	.9130559	.1756469	.4289950
Stddev	.046895	.22147	.0004787	.000514	.0961785	.0040186	.0036543
%RSD	.8162536	.6678531	.3119909	27.25101	10.53369	2.287904	.8518364

#1	5.773323	33.38868	.1533849	-.001293	.9115194	.1794841	.4248168
#2	5.691036	32.94628	.1529798	-.002152	1.009993	.1759880	.4315947
#3	5.771155	33.14860	.1539336	-.002212	.817655	.1714685	.4305737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.07497	5.109084	.0275688	.0010473	2.341509	12.55998	.0038313
Stddev	.09518	.009398	.0001489	.0001590	.005467	.40714	.0007830
%RSD	.3390336	.1839561	.5401365	15.18583	.2334769	3.241592	20.43571

#1	28.15209	5.099968	.0275578	.0012258	2.337114	12.29413	.0043653
#2	28.10423	5.118741	.0277229	.0009206	2.339782	12.35711	.0029326
#3	27.96859	5.108543	.0274257	.0009955	2.347630	13.02870	.0041962

Sample Name: J5873-18 Acquired: 11/20/2018 18:54:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0532 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.229180	.1249331	.2945495
Stddev	.007557	.0014759	.0007451
%RSD	.6147834	1.181364	.2529446

#1	1.225716	.1232391	.2953570
#2	1.223976	.1259413	.2938888
#3	1.237848	.1256190	.2944026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.488	2805.375	55884.83	5384.026	3517.383
Stddev	32.913	6.392	777.69	11.488	6.688
%RSD	1.333323	.2278489	1.391590	.2133680	.1901515

#1	2467.789	2798.611	56378.77	5370.810	3510.643
#2	2435.930	2811.315	54988.39	5391.619	3524.019
#3	2501.745	2806.199	56287.34	5389.650	3517.488

Sample Name: J5873-19 Acquired: 11/20/2018 18:58:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0539 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2791715	.0102430	6.972700	.0153596	.0428680	116.8560	1.981560
Stddev	.0022517	.0021091	.008463	.0011467	.0018240	.6115	.002362
%RSD	.8065607	20.59039	.1213674	7.465823	4.254819	.5233141	.1191933

#1	.2775780	.0121697	6.964746	.0150426	.0443341	116.9740	1.978974
#2	.2781890	.0079896	6.971761	.0144047	.0408254	116.1941	1.983603
#3	.2817475	.0105697	6.981593	.0166315	.0434444	117.4000	1.982102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098124	.0504616	63.23888	.1166605	.1146726	.6694101	162.9360
Stddev	.0001613	.0002538	.05560	.0008138	.0005883	.0047685	1.4424
%RSD	1.644351	.5028734	.0879132	.6975424	.5130379	.7123370	.8852282

#1	.0098532	.0505153	63.18423	.1175981	.1140637	.6711868	162.8107
#2	.0096345	.0506843	63.23704	.1162448	.1152379	.6640084	161.5604
#3	.0099494	.0501854	63.29537	.1161385	.1147162	.6730352	164.4370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.266644	32.93896	.1369198	.0325265	1.368361	.2905963	7.139078
Stddev	.026897	.51453	.0006241	.0002402	.128088	.0048423	.139309
%RSD	.3253633	1.562080	.4557745	.7383884	9.360714	1.666319	1.951361

#1	8.288082	32.92386	.1364670	.0325457	1.220891	.2852342	7.061784
#2	8.236464	32.43214	.1376316	.0327565	1.432297	.2946496	7.299899
#3	8.275387	33.46088	.1366607	.0322773	1.451895	.2919052	7.055553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.70391	12.54861	.0300217	.0035729	10.08877	11.79267	.0076651
Stddev	.20642	.00798	.0008370	.0002538	.01058	.17720	.0012702
%RSD	.8030640	.0635684	2.788105	7.101935	.1048487	1.502629	16.57112

#1	25.62498	12.55674	.0302472	.0038655	10.09911	11.88600	.0085204
#2	25.54860	12.54080	.0307228	.0034401	10.08925	11.58832	.0082693
#3	25.93815	12.54828	.0290950	.0034131	10.07797	11.90371	.0062056

Sample Name: J5873-19 Acquired: 11/20/2018 18:58:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0539 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.867829	.1371371	.3444163
Stddev	.009965	.0004027	.0003741
%RSD	.3474644	.2936351	.1086261

#1	2.866617	.1369364	.3447017
#2	2.858526	.1376007	.3445545
#3	2.878344	.1368742	.3439927

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.887	2864.737	57234.50	5423.950	3557.336
Stddev	19.744	7.619	254.68	55.121	3.917
%RSD	.7810286	.2659521	.4449715	1.016243	.1101011

#1	2543.912	2864.241	57478.82	5405.114	3560.862
#2	2505.831	2872.591	56970.59	5486.020	3558.025
#3	2533.917	2857.378	57254.09	5380.717	3553.120

Sample Name: J5874-04 Acquired: 11/20/2018 19:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488246	-.009884	.3538320	.0123805	.0057274	121.2842	2.181170
Stddev	.0025932	.002183	.0007247	.0002019	.0005992	.5978	.007633
%RSD	5.311250	22.08769	.2048262	1.630806	10.46155	.4929136	.3499293

#1	.0462388	-.012124	.3540962	.0121779	.0062168	120.6086	2.173081
#2	.0488097	-.007763	.3530123	.0125817	.0050592	121.7447	2.182184
#3	.0514252	-.009766	.3543876	.0123818	.0059061	121.4993	2.188245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100537	.0021297	44.71154	.1729525	.1176676	.1834066	194.4186
Stddev	.0001376	.0001388	.14663	.0003433	.0003872	.0029881	1.2623
%RSD	1.369046	6.519787	.3279567	.1984881	.3290228	1.629218	.6492713

#1	.0098964	.0021383	44.64235	.1727690	.1175178	.1850604	193.1344
#2	.0101128	.0019868	44.61230	.1733486	.1173777	.1799572	195.6579
#3	.0101519	.0022641	44.87996	.1727400	.1181072	.1852021	194.4636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.229814	27.71216	.1787937	-.003116	1.727037	.4075339	.6096179
Stddev	.023135	.07516	.0008289	.000496	.242806	.0076930	.0074400
%RSD	.3199940	.2712328	.4636262	15.91851	14.05910	1.887705	1.220431

#1	7.256522	27.69767	.1781964	-.002748	1.457156	.3986508	.6141062
#2	7.215998	27.79352	.1784448	-.002921	1.796192	.4120109	.6137175
#3	7.216921	27.64530	.1797401	-.003680	1.927764	.4119399	.6010299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.45825	10.67122	.0310617	.0020047	1.930914	19.65911	.0086453
Stddev	.14778	.00521	.0016198	.0001146	.004740	.17755	.0008155
%RSD	.6580310	.0488335	5.214878	5.717715	.2454643	.9031440	9.433124

#1	22.28797	10.66526	.0296332	.0020499	1.932082	19.47938	.0080051
#2	22.55310	10.67343	.0307303	.0020898	1.925699	19.83440	.0095635
#3	22.53367	10.67496	.0328216	.0018743	1.934960	19.66356	.0083674

Sample Name: J5874-04 Acquired: 11/20/2018 19:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0452 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.869732	.1507825	.3452511
Stddev	.009782	.0007541	.0008738
%RSD	.2527857	.5001039	.2530949

#1	3.863652	.1503479	.3442517
#2	3.864528	.1516533	.3458706
#3	3.881016	.1503464	.3456311

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.256	2906.907	57627.13	5522.517	3614.617
Stddev	9.710	2.377	80.85	40.936	1.446
%RSD	.3804636	.0817772	.1403050	.7412652	.0400177

#1	2545.430	2907.974	57533.99	5558.543	3614.012
#2	2563.373	2904.183	57679.27	5478.001	3616.268
#3	2547.966	2908.563	57668.13	5531.007	3613.571

Sample Name: CCV019 Acquired: 11/20/2018 19:08:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.618546	4.753893	22.60536	4.581428	4.755044	391.3899
Stddev	.009951	.016149	.01217	.010844	.011468	1.1294
%RSD	.2154672	.3396965	.0538408	.2366992	.2411727	.2885573

#1	4.616919	4.747143	22.59134	4.569976	4.744408	390.2289
#2	4.609509	4.772322	22.61318	4.591540	4.767193	391.4560
#3	4.629211	4.742215	22.61157	4.582768	4.753531	392.4848

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.816745	.4621945	2.387010	380.8180	14.87663	2.361070
Stddev	.021980	.0042555	.003544	.6906	.00967	.001845
%RSD	.2239058	.9207163	.1484726	.1813373	.0650094	.0781576

#1	9.825040	.4628013	2.384453	381.6082	14.86547	2.359156
#2	9.791824	.4576682	2.391055	380.3304	14.88210	2.362838
#3	9.833370	.4661140	2.385520	380.5154	14.88234	2.361216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.28132	386.1191	13.74918	382.5524	2.466745	1.167472
Stddev	.01808	2.9731	.07384	2.5563	.003920	.001193
%RSD	.1266124	.7700035	.5370586	.6682195	.1589069	.1022109

#1	14.28452	382.8631	13.79415	379.6638	2.462466	1.168837
#2	14.26186	386.8047	13.66396	383.4710	2.470162	1.166953
#3	14.29759	388.6896	13.78942	384.5225	2.467606	1.166625

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	385.7238	2.446279	14.03597	147.2017	4.627843	4.676227
Stddev	1.8715	.013619	.25099	.6076	.003048	.040518
%RSD	.4851892	.5567281	1.788208	.4127512	.0658699	.8664685

#1	384.1905	2.430782	13.76318	147.1559	4.629781	4.684301
#2	385.1718	2.451711	14.25714	146.6183	4.629419	4.632280
#3	387.8092	2.456344	14.08759	147.8309	4.624330	4.712101

Sample Name: CCV019 Acquired: 11/20/2018 19:08:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.685309	F 4.028546	4.869474	4.976414	4.722072	4.723905
Stddev	.004775	.008179	.043715	.005260	.010428	.006790
%RSD	.1019062	.2030364	.8977328	.1057085	.2208335	.1437306

#1	4.679861	4.019745	4.881818	4.970453	4.710617	4.720097
#2	4.687304	4.035914	4.820915	4.978383	4.731013	4.719874
#3	4.688763	4.029980	4.905690	4.980405	4.724586	4.731745

Elem	Sr4077
Units	ppm
Avg	4.616189
Stddev	.015619
%RSD	.3383558

#1	4.625335
#2	4.598154
#3	4.625077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.466	2083.212	45332.98	4338.308	2997.800
Stddev	10.814	1.911	205.39	19.934	3.340
%RSD	.5735363	.0917286	.4530632	.4594963	.1113996

#1	1897.275	2082.216	45502.97	4338.341	2994.269
#2	1876.048	2085.415	45104.77	4358.225	2998.221
#3	1883.074	2082.005	45391.20	4318.357	3000.909

Sample Name: CCB019 Acquired: 11/20/2018 19:13:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003359	-.000512	.0002984	-.000138	-.000458	-.001073	-.000599
Stddev	.001920	.001105	.0004086	.000717	.001921	.006309	.000779
%RSD	57.16797	215.8928	136.9382	519.7299	419.2930	588.2186	130.0987

#1	-.002779	-.000601	.0007174	-.000396	-.000644	-.002462	-.000389
#2	-.005502	-.001570	.0002765	-.000691	-.002280	.005816	.000054
#3	-.001795	.000635	-.000099	.000672	.001549	-.006572	-.001461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000098	.0000464	.0074228	.0000335	.0002095	.0000416	-.009269
Stddev	.0000555	.0000270	.0091722	.0004975	.0001420	.0026777	.027823
%RSD	566.7852	58.13363	123.5685	1483.590	67.77546	6441.950	300.1725

#1	.0000623	.0000475	.0045682	.0002803	.0003290	.0031334	-.034246
#2	-.000048	.0000727	.0000173	-.000539	.0002469	-.001477	.020718
#3	.000015	.0000189	.0176829	.000359	.0000525	-.001532	-.014279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001549	-.036789	-.000440	.0004038	.0322407	.0002236	-.003860
Stddev	.0013207	.008927	.000153	.0002938	.0521940	.0058422	.011098
%RSD	852.5482	24.26411	34.81247	72.76691	161.8888	2612.990	287.4833

#1	-.001322	-.046650	-.000618	.0000744	-.023482	.0044801	.008029
#2	.001223	-.034459	-.000352	.0006388	.079989	.0026278	-.005663
#3	.000563	-.029259	-.000352	.0004982	.040215	-.006437	-.013947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470745	-.000076	.0066464	.0000279	.0009068	.0022996	-.000362
Stddev	.0279893	.001336	.0008896	.0001136	.0014732	.0003708	.001225
%RSD	19.03069	1748.855	13.38416	407.3872	162.4667	16.12671	338.4218

#1	.1395483	-.000276	.0075288	.0001522	-.000789	.0026376	.000905
#2	.1780574	-.001302	.0066604	.0000019	.001870	.0023583	-.000450
#3	.1236178	.001349	.0057499	-.000070	.001640	.0019029	-.001540

Sample Name: CCB019 Acquired: 11/20/2018 19:13:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001634	.0030999	-.000060
Stddev	.001851	.0013058	.000057
%RSD	113.2815	42.12438	94.53004

#1	-.003351	.0021517	-.000010
#2	.000327	.0025586	-.000122
#3	-.001879	.0045893	-.000048

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.970	2453.576	47422.77	4493.125	3734.710
Stddev	9.774	3.095	110.78	46.081	11.145
%RSD	.4599443	.1261305	.2335909	1.025588	.2984190

#1	2123.625	2450.506	47550.39	4498.300	3722.101
#2	2115.938	2453.527	47351.51	4444.675	3743.243
#3	2135.346	2456.695	47366.40	4536.400	3738.786

Sample Name: J5874-05 Acquired: 11/20/2018 19:18:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0477 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469969	-.008630	.3924804	.0085580	.0090137	116.7204	2.162279
Stddev	.0031123	.003686	.0019483	.0016997	.0018198	.5947	.008398
%RSD	6.622325	42.71082	.4964175	19.86092	20.18859	.5095471	.3883686

#1	.0434612	-.004399	.3943316	.0078380	.0102369	116.0451	2.152659
#2	.0482077	-.011144	.3926619	.0073368	.0098818	117.1662	2.168141
#3	.0493219	-.010348	.3904476	.0104992	.0069225	116.9499	2.166038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100104	.0022575	47.69894	.1789470	.1208324	.2000551	197.1720
Stddev	.0001326	.0000759	.39194	.0014203	.0007913	.0028323	1.3918
%RSD	1.324173	3.362461	.8216956	.7936926	.6548618	1.415734	.7058822

#1	.0098909	.0023313	47.27149	.1782918	.1206187	.2016831	196.2581
#2	.0101530	.0021797	47.78390	.1779727	.1201699	.2016976	198.7738
#3	.0099872	.0022614	48.04144	.1805767	.1217086	.1967847	196.4841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.558562	28.78944	.1796196	-.001792	1.654644	.3991958	.6349147
Stddev	.070046	.29173	.0010802	.000460	.072735	.0059758	.0080097
%RSD	.9267142	1.013333	.6013580	25.64563	4.395807	1.496951	1.261534

#1	7.477740	28.54547	.1798503	-.001263	1.724787	.4054620	.6295040
#2	7.596274	29.11259	.1784427	-.002092	1.659578	.3985648	.6441161
#3	7.601673	28.71025	.1805658	-.002022	1.579568	.3935605	.6311242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.02097	11.43187	.0320631	.0024221	2.100094	10.06693	.0085882
Stddev	.18132	.02884	.0029906	.0003139	.007367	.25264	.0011237
%RSD	.7246704	.2522914	9.327155	12.96092	.3507893	2.509565	13.08427

#1	24.81334	11.42296	.0305904	.0020675	2.099913	9.80003	.0093220
#2	25.10151	11.40853	.0355044	.0025341	2.092820	10.09841	.0091480
#3	25.14808	11.46411	.0300944	.0026647	2.107550	10.30235	.0072946

Sample Name: J5874-05 Acquired: 11/20/2018 19:18:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0477 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.470309	.1306101	.3480125
Stddev	.033126	.0007020	.0020721
%RSD	.9545437	.5375061	.5954018

#1	3.432293	.1300200	.3456212
#2	3.485664	.1313865	.3491377
#3	3.492971	.1304238	.3492785

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.838	2906.882	57842.82	5498.356	3592.583
Stddev	22.758	6.087	469.05	34.993	5.477
%RSD	.8914613	.2094143	.8109113	.6364325	.1524436

#1	2545.878	2900.367	57508.42	5536.735	3589.164
#2	2578.262	2912.425	58379.00	5490.113	3598.899
#3	2534.372	2907.853	57641.04	5468.221	3589.684

Sample Name: J5874-06 Acquired: 11/20/2018 19:22:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0501 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557651	-.006077	.5196882	.0073850	.0122121	115.1689	2.384766
Stddev	.0008609	.001580	.0021083	.0027733	.0011507	.4918	.005918
%RSD	1.543846	25.99815	.4056777	37.55300	9.422290	.4270050	.2481497

#1	.0553141	-.004533	.5199596	.0098424	.0124421	114.6929	2.383118
#2	.0567578	-.007690	.5216477	.0079346	.0109639	115.1387	2.379847
#3	.0552234	-.006007	.5174574	.0043781	.0132305	115.6751	2.391333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096447	.0030156	54.14833	.1744489	.1203113	.2228551	200.8349
Stddev	.0000641	.0000818	.10062	.0013129	.0003976	.0030525	1.2369
%RSD	.6648023	2.713067	.1858241	.7525687	.3304472	1.369717	.6158925

#1	.0096176	.0031063	54.26400	.1737052	.1198533	.2206811	200.0660
#2	.0097179	.0029473	54.08104	.1759648	.1205127	.2215393	200.1770
#3	.0095986	.0029932	54.09995	.1736767	.1205678	.2263448	202.2618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.587659	30.59623	.1842418	-.001474	1.967203	.4156670	.7828405
Stddev	.052562	.19478	.0007407	.000313	.155354	.0055853	.0172210
%RSD	.6120662	.6366162	.4020223	21.23474	7.897194	1.343698	2.199805

#1	8.646847	30.47330	.1836853	-.001445	1.788009	.4126480	.7815978
#2	8.569703	30.49458	.1839576	-.001800	2.064011	.4122409	.7662745
#3	8.546429	30.82080	.1850825	-.001176	2.049587	.4221120	.8006491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.15929	12.84233	.0314641	.0026852	2.166087	9.933236	.0079876
Stddev	.07509	.02736	.0003761	.0004056	.006107	.281554	.0012119
%RSD	.3548839	.2130693	1.195352	15.10340	.2819357	2.834465	15.17187

#1	21.22767	12.81506	.0318001	.0022489	2.166898	9.636532	.0092558
#2	21.07893	12.86979	.0315342	.0027561	2.171748	9.966489	.0068413
#3	21.17128	12.84214	.0310578	.0030506	2.159615	10.19669	.0078658

Sample Name: J5874-06 Acquired: 11/20/2018 19:22:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0501 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.775381	.1248969	.3808580
Stddev	.014702	.0013075	.0013863
%RSD	.3894097	1.046877	.3639933

#1	3.763279	.1238410	.3822659
#2	3.771122	.1244903	.3808139
#3	3.791742	.1263594	.3794943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.379	2886.663	57159.00	5433.822	3607.548
Stddev	7.259	4.353	241.57	16.662	2.653
%RSD	.2857252	.1507805	.4226305	.3066361	.0735288

#1	2548.292	2885.227	57436.98	5430.347	3605.857
#2	2534.030	2891.552	56999.88	5419.172	3610.605
#3	2538.816	2883.210	57040.16	5451.948	3606.182

Sample Name: J5874-07 Acquired: 11/20/2018 19:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0540 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470436	-.002625	.1986755	.0087830	.0051127	102.4688	1.288352
Stddev	.0023843	.003129	.0014949	.0017285	.0017653	.6503	.002679
%RSD	5.068333	119.1946	.7524407	19.67955	34.52772	.6345897	.2079178

#1	.0484307	-.006237	.2003944	.0101233	.0052369	102.3271	1.288358
#2	.0484098	-.000916	.1976790	.0093936	.0032886	103.1782	1.291028
#3	.0442905	-.000723	.1979531	.0068321	.0068126	101.9011	1.285671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077843	.0018615	32.37703	.1067762	.0800077	.1550254	131.9879
Stddev	.0000458	.0000743	.04331	.0001925	.0006698	.0005412	1.7130
%RSD	.5877798	3.990142	.1337821	.1802970	.8372140	.3491228	1.297831

#1	.0077654	.0018617	32.34763	.1066288	.0807387	.1545395	131.2839
#2	.0078365	.0019357	32.42677	.1067057	.0794233	.1549279	133.9407
#3	.0077511	.0017872	32.35670	.1069940	.0798612	.1556087	130.7390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.301717	27.28403	.1262440	-.001910	.9126068	.2131652	.4033289
Stddev	.002085	.29955	.0003469	.000287	.0908199	.0051941	.0184092
%RSD	.0393291	1.097898	.2748192	15.00778	9.951707	2.436670	4.564308

#1	5.304123	27.30296	.1258550	-.002178	.9078564	.2140731	.4039979
#2	5.300588	27.57366	.1263555	-.001607	.8242553	.2178455	.3845943
#3	5.300440	26.97546	.1265215	-.001944	1.005709	.2075769	.4213944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.73096	4.806191	.0392762	.0021480	1.723451	14.18254	.0060400
Stddev	.22141	.001524	.0017922	.0003715	.007618	.11220	.0015978
%RSD	.8605000	.0317117	4.563157	17.29276	.4419912	.7911419	26.45413

#1	25.49697	4.807874	.0385880	.0025731	1.720035	14.08955	.0051199
#2	25.93719	4.804902	.0413106	.0018856	1.732178	14.30717	.0051150
#3	25.75873	4.805797	.0379301	.0019854	1.718139	14.15091	.0078850

Sample Name: J5874-07 Acquired: 11/20/2018 19:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0540 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.920844	.0987509	.2537798
Stddev	.016094	.0003576	.0006437
%RSD	.8378750	.3621745	.2536426

#1	1.917663	.0984600	.2531488
#2	1.938291	.0986426	.2544355
#3	1.906577	.0991502	.2537553

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.589	2803.293	55355.22	5230.246	3641.703
Stddev	6.946	2.319	376.65	41.770	1.246
%RSD	.2829705	.0827231	.6804176	.7986205	.0342049

#1	2449.150	2805.805	54949.48	5237.712	3640.834
#2	2452.203	2801.234	55693.71	5185.246	3643.130
#3	2462.413	2802.839	55422.48	5267.779	3641.145

Sample Name: J5874-08 Acquired: 11/20/2018 19:31:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0541 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432249	-.007235	.3029403	.0084775	.0068927	130.6836	2.260768
Stddev	.0021239	.002885	.0025417	.0030493	.0005971	2.6497	.042598
%RSD	4.913608	39.87931	.8390153	35.96910	8.663090	2.027604	1.884227

#1	.0454361	-.005482	.3044001	.0060701	.0064721	127.6408	2.211597
#2	.0430378	-.005658	.3000053	.0074560	.0075761	131.9267	2.284230
#3	.0412007	-.010565	.3044153	.0119064	.0066298	132.4832	2.286477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104783	.0012975	46.45501	.1675185	.1226997	.1727507	193.9953
Stddev	.0002263	.0000912	.90275	.0011104	.0008961	.0057187	3.5297
%RSD	2.160043	7.026072	1.943269	.6628519	.7302815	3.310410	1.819491

#1	.0102271	.0013914	45.44844	.1687802	.1233948	.1662322	190.0513
#2	.0105415	.0012915	47.19296	.1666899	.1216884	.1750955	195.0768
#3	.0106664	.0012094	46.72363	.1670855	.1230159	.1769242	196.8577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.810968	27.89977	.1781634	-.003409	1.501251	.3938322	.5431649
Stddev	.156227	.43600	.0006696	.000473	.093216	.0097082	.0026174
%RSD	2.000096	1.562745	.3758341	13.88735	6.209213	2.465047	.4818787

#1	7.660095	27.40682	.1786347	-.003931	1.608363	.3867548	.5431177
#2	7.972048	28.05762	.1773969	-.003286	1.438506	.4048996	.5458055
#3	7.800763	28.23486	.1784586	-.003009	1.456884	.3898422	.5405714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.44340	12.58402	.0384276	.0031112	2.304532	15.48870	.0085333
Stddev	.59029	.05021	.0019027	.0001773	.011945	.33071	.0004711
%RSD	2.232274	.3989893	4.951371	5.697796	.5183382	2.135185	5.520995

#1	25.76191	12.62436	.0374576	.0029984	2.310694	15.11682	.0089464
#2	26.77309	12.52779	.0372053	.0033155	2.290764	15.59946	.0086332
#3	26.79520	12.59992	.0406198	.0030197	2.312138	15.74981	.0080202

Sample Name: J5874-08 Acquired: 11/20/2018 19:31:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0541 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.112133	.1604991	.3671667
Stddev	.077208	.0020733	.0075188
%RSD	1.877578	1.291778	2.047801

#1	4.024683	.1581139	.3586489
#2	4.170875	.1615141	.3728809
#3	4.140840	.1618694	.3699704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.456	2936.848	58381.60	5587.717	3638.202
Stddev	14.480	7.550	152.41	116.818	9.537
%RSD	.5587492	.2570834	.2610617	2.090621	.2621289

#1	2599.482	2935.151	58280.95	5722.575	3633.627
#2	2574.740	2945.102	58306.90	5522.818	3649.164
#3	2600.145	2930.291	58556.95	5517.757	3631.814

Sample Name: J5874-09 Acquired: 11/20/2018 19:36:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0375 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521842	-.007027	.4509386	.0126624	.0082503	115.0824	2.147214
Stddev	.0022518	.001078	.0033270	.0034575	.0025949	.2011	.006405
%RSD	4.315162	15.34726	.7377835	27.30530	31.45205	.1747625	.2982914

#1	.0545663	-.008261	.4542135	.0100573	.0076772	115.3019	2.154601
#2	.0500905	-.006551	.4510404	.0113451	.0110838	115.0384	2.143836
#3	.0518956	-.006268	.4475619	.0165850	.0059899	114.9069	2.143205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094754	.0030633	52.50854	.1338291	.1017602	.2036747	171.4858
Stddev	.0000503	.0001149	.19259	.0011446	.0002891	.0020020	.5033
%RSD	.5305934	3.752077	.3667857	.8552888	.2841424	.9829492	.2934831

#1	.0094686	.0031324	52.71025	.1335574	.1018896	.2034230	172.0418
#2	.0094289	.0029306	52.48878	.1350852	.1014290	.2057907	171.0614
#3	.0095287	.0031269	52.32659	.1328448	.1019621	.2018105	171.3543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.810631	28.34991	.1411583	-.001593	1.828761	.3658096	.6910912
Stddev	.030137	.08626	.0003924	.000316	.291503	.0057321	.0069875
%RSD	.4425029	.3042663	.2779782	19.81136	15.93993	1.566951	1.011083

#1	6.845261	28.44299	.1413839	-.001726	1.820396	.3711259	.6911490
#2	6.796293	28.27266	.1407053	-.001233	1.541531	.3597369	.6840751
#3	6.790341	28.33408	.1413858	-.001821	2.124357	.3665660	.6980497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.71370	13.09941	.0360821	.0025517	2.460286	18.98353	.0092978
Stddev	.08258	.01025	.0029314	.0001098	.006975	.13156	.0010623
%RSD	.3341652	.0782345	8.124241	4.304246	.2835240	.6929992	11.42492

#1	24.69307	13.09538	.0382150	.0026693	2.468194	18.83173	.0105166
#2	24.80465	13.09179	.0327394	.0025340	2.457655	19.05445	.0085689
#3	24.64339	13.11106	.0372918	.0024518	2.455008	19.06440	.0088079

Sample Name: J5874-09 Acquired: 11/20/2018 19:36:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0375 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.216728	.1293210	.3644444
Stddev	.016103	.0010078	.0012004
%RSD	.3818768	.7793194	.3293721

#1	4.224756	.1304401	.3656667
#2	4.227238	.1290378	.3643993
#3	4.198189	.1284851	.3632672

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.294	2885.024	57134.75	5392.007	3612.374
Stddev	15.355	6.592	249.92	15.104	7.037
%RSD	.6049207	.2285056	.4374139	.2801132	.1948069

#1	2522.775	2878.091	57049.32	5403.298	3606.750
#2	2553.479	2891.213	56938.75	5374.850	3620.265
#3	2538.629	2885.768	57416.18	5397.872	3610.107

Sample Name: J5874-10 Acquired: 11/20/2018 19:40:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536739	-.007076	.6142496	.0121270	.0090097	111.5736	1.965680
Stddev	.0031518	.003934	.0084118	.0004697	.0010071	.4027	.005470
%RSD	5.872144	55.60093	1.369439	3.872894	11.17745	.3609676	.2782569

#1	.0544298	-.002896	.6124917	.0122696	.0094733	111.9008	1.968030
#2	.0502129	-.007624	.6068556	.0116025	.0078544	111.6961	1.969582
#3	.0563791	-.010707	.6234013	.0125087	.0097015	111.1238	1.959428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089610	.0045526	54.16284	.1472794	.1099790	.2065080	191.7582
Stddev	.0001274	.0000964	.44088	.0003905	.0018381	.0027102	1.6302
%RSD	1.421238	2.117049	.8139817	.2651598	1.671335	1.312386	.8501310

#1	.0088381	.0044417	53.65822	.1474312	.1093494	.2034002	193.3418
#2	.0089525	.0046006	54.47338	.1468358	.1085384	.2083803	191.8478
#3	.0090924	.0046156	54.35692	.1475712	.1120492	.2077435	190.0851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.249664	27.47072	.1681702	-.001200	1.869329	.3789265	.9066773
Stddev	.075024	.40989	.0016369	.000428	.107201	.0118967	.0038701
%RSD	1.034862	1.492115	.9733617	35.64289	5.734744	3.139594	.4268471

#1	7.166210	27.86359	.1671038	-.000789	1.770376	.3923716	.9080937
#2	7.311520	27.50287	.1673520	-.001169	1.983213	.3746438	.9096396
#3	7.271262	27.04570	.1700550	-.001643	1.854399	.3697639	.9022985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.96568	14.04798	.0386140	.0030967	2.371830	16.77294	.0101093
Stddev	.12038	.12206	.0043852	.0000919	.029204	.14879	.0006334
%RSD	.5241778	.8688547	11.35660	2.967779	1.231276	.8870585	6.265896

#1	22.88836	13.96781	.0436495	.0031993	2.353958	16.60676	.0105739
#2	22.90431	13.98768	.0365578	.0030689	2.356002	16.89380	.0103662
#3	23.10438	14.18845	.0356346	.0030219	2.405531	16.81825	.0093877

Sample Name: J5874-10 Acquired: 11/20/2018 19:40:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0425 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.468443	.1260955	.3517257
Stddev	.006999	.0005288	.0024005
%RSD	.1566304	.4193525	.6824779

#1	4.468597	.1264018	.3497628
#2	4.475364	.1263997	.3544020
#3	4.461368	.1254849	.3510125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.649	2843.184	56729.48	5289.601	3578.807
Stddev	11.319	19.226	96.22	51.630	33.014
%RSD	.4513932	.6762057	.1696082	.9760601	.9224917

#1	2515.225	2852.772	56820.80	5348.440	3595.305
#2	2513.084	2855.731	56738.61	5251.869	3600.320
#3	2494.637	2821.050	56629.02	5268.495	3540.795

Sample Name: J5874-11 Acquired: 11/20/2018 19:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0450 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662332	-.005131	.6621611	.0123325	.0098231	120.5051	2.329063
Stddev	.0015322	.001132	.0017559	.0024926	.0005399	.5101	.007214
%RSD	2.313357	22.05977	.2651695	20.21142	5.496600	.4233104	.3097244

#1	.0654129	-.004749	.6615240	.0095530	.0102680	119.9585	2.327256
#2	.0680009	-.004239	.6608127	.0143695	.0092224	120.9686	2.337008
#3	.0652857	-.006404	.6641466	.0130749	.0099790	120.5880	2.322923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100361	.0047355	46.32268	.1658781	.1257787	.2228147	202.4189
Stddev	.0000447	.0000952	.11770	.0004472	.0009256	.0024519	2.0605
%RSD	.4458379	2.010878	.2540847	.2695651	.7358517	1.100431	1.017934

#1	.0100662	.0048096	46.45013	.1658585	.1268463	.2212901	200.3457
#2	.0099847	.0046281	46.21809	.1663347	.1252885	.2215109	204.4664
#3	.0100573	.0047689	46.29981	.1654411	.1252014	.2256431	202.4446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.716970	27.59129	.1773555	-.001075	1.721434	.4024735	.9157800
Stddev	.009665	.20162	.0006071	.000132	.271614	.0067191	.0226903
%RSD	.1108722	.7307233	.3423108	12.27957	15.77838	1.669456	2.477701

#1	8.726665	27.37277	.1769941	-.000935	1.781775	.3955872	.9401972
#2	8.707336	27.77009	.1780564	-.001198	1.424723	.4090119	.8953433
#3	8.716909	27.63101	.1770159	-.001094	1.957803	.4028215	.9117996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.51504	12.91546	.0385674	.0026697	2.331221	15.29167	.0093671
Stddev	.15636	.03291	.0041367	.0001243	.008027	.46994	.0013258
%RSD	.5897092	.2547955	10.72582	4.656811	.3443228	3.073165	14.15393

#1	26.33463	12.92225	.0357036	.0025326	2.321953	14.85691	.0079084
#2	26.59912	12.87969	.0433101	.0027014	2.335956	15.22783	.0096940
#3	26.61137	12.94445	.0366886	.0027751	2.335755	15.79026	.0104988

Sample Name: J5874-11 Acquired: 11/20/2018 19:45:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0450 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.999946	.1467806	.3434376
Stddev	.012137	.0013229	.0001262
%RSD	.3034400	.9012674	.0367403

#1	3.985955	.1455991	.3435806
#2	4.006236	.1482099	.3433421
#3	4.007648	.1465328	.3433900

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.544	2888.290	56930.80	5322.514	3609.065
Stddev	2.871	7.786	151.42	49.050	5.869
%RSD	.1140854	.2695543	.2659802	.9215652	.1626240

#1	2513.259	2884.702	57086.80	5368.848	3604.445
#2	2518.573	2897.223	56784.40	5327.555	3615.669
#3	2517.800	2882.946	56921.20	5271.137	3607.081

Sample Name: J5874-12 Acquired: 11/20/2018 19:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0475 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573675	-.003959	.6927504	.0112313	.0109856	108.7764	2.146268
Stddev	.0010151	.004014	.0041254	.0016578	.0018309	2.2909	.043927
%RSD	1.769463	101.4061	.5955161	14.76092	16.66665	2.106092	2.046650

#1	.0580625	-.006648	.6891060	.0116425	.0124646	107.5134	2.125659
#2	.0562026	-.005883	.6919159	.0126448	.0115546	107.3950	2.116435
#3	.0578374	.000656	.6972293	.0094065	.0089378	111.4209	2.196709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093010	.0045404	51.19963	.1886651	.1088190	.2436448	187.9889
Stddev	.0001810	.0001110	1.10039	.0009796	.0006751	.0044798	4.4456
%RSD	1.946451	2.443490	2.149213	.5192075	.6203516	1.838648	2.364843

#1	.0092517	.0045414	50.74346	.1879023	.1080519	.2441158	185.3414
#2	.0091498	.0046509	50.40069	.1897698	.1093225	.2389482	185.5039
#3	.0095017	.0044290	52.45475	.1883232	.1090826	.2478705	193.1214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.528256	30.26133	.1914239	-.000461	1.599977	.3713684	.9377435
Stddev	.152930	.61850	.0008676	.000478	.327672	.0077377	.0090859
%RSD	2.031419	2.043858	.4532185	103.6313	20.47982	2.083561	.9689113

#1	7.460547	29.81942	.1913446	-.000972	1.380592	.3639331	.9335170
#2	7.420868	29.99640	.1905988	-.000387	1.442701	.3707955	.9481728
#3	7.703352	30.96816	.1923285	-.000024	1.976637	.3793766	.9315408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.57013	12.68947	.0433484	.0024222	2.369168	19.50917	.0101048
Stddev	.61508	.06912	.0048444	.0001667	.007569	.35314	.0004000
%RSD	2.314942	.5447331	11.17559	6.880125	.3194939	1.810129	3.958133

#1	26.26418	12.60992	.0416158	.0026078	2.360696	19.35910	.0102839
#2	26.16801	12.72359	.0396086	.0022854	2.375265	19.25585	.0096466
#3	27.27819	12.73489	.0488210	.0023733	2.371544	19.91256	.0103840

Sample Name: J5874-12 Acquired: 11/20/2018 19:50:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0475 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.074242	.1126802	.3481703
Stddev	.083486	.0041346	.0071688
%RSD	2.049107	3.669307	2.058981

#1	4.017581	.1094672	.3443187
#2	4.035030	.1112286	.3437506
#3	4.170115	.1173448	.3564416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.702	2891.422	56777.07	5275.910	3681.937
Stddev	7.906	7.625	103.87	103.705	15.738
%RSD	.3132755	.2637207	.1829517	1.965638	.4274323

#1	2518.178	2895.746	56657.46	5303.123	3693.944
#2	2532.758	2895.903	56829.18	5363.296	3687.747
#3	2520.169	2882.618	56844.59	5161.312	3664.120

Sample Name: J5874-13 Acquired: 11/20/2018 19:54:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0499 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501168	-.008189	.5506662	.0095935	.0111072	117.5721	3.041254
Stddev	.0033012	.001337	.0016481	.0024742	.0015280	.4711	.003767
%RSD	6.586932	16.32865	.2992823	25.79000	13.75690	.4007130	.1238561

#1	.0503805	-.006713	.5487661	.0120679	.0117445	117.2065	3.039163
#2	.0466917	-.009320	.5517070	.0071196	.0093636	118.1038	3.045603
#3	.0532782	-.008534	.5515256	.0095930	.0122133	117.4061	3.038997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105963	.0031383	56.33146	.2315157	.1095106	.2161002	195.2527
Stddev	.0000624	.0000673	.31561	.0009898	.0005326	.0037970	1.2806
%RSD	.5889441	2.146180	.5602656	.4275470	.4863672	1.757057	.6558841

#1	.0106492	.0032056	56.32647	.2325186	.1091480	.2117534	194.9113
#2	.0106122	.0031383	56.64953	.2305395	.1101221	.2187699	196.6695
#3	.0105275	.0030709	56.01837	.2314889	.1092616	.2177773	194.1774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.153922	35.12491	.2195803	-.002391	2.206547	.3971749	.8442591
Stddev	.029415	.35170	.0007421	.000365	.049597	.0078364	.0237872
%RSD	.3213328	1.001273	.3379722	15.28213	2.247737	1.973026	2.817528

#1	9.162801	34.88405	.2204344	-.002165	2.199194	.4034242	.8704220
#2	9.177874	35.52850	.2190937	-.002195	2.161036	.3997176	.8239346
#3	9.121091	34.96218	.2192127	-.002812	2.259410	.3883829	.8384209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.05195	14.47195	.0380007	.0023535	2.157521	16.41459	.0128086
Stddev	.14532	.02098	.0003321	.0003347	.001212	.13565	.0014041
%RSD	.4835697	.1449688	.8739515	14.22012	.0561736	.8263943	10.96204

#1	29.90307	14.48453	.0383684	.0020966	2.158868	16.29681	.0139846
#2	30.19344	14.48358	.0379114	.0022320	2.156519	16.56291	.0112540
#3	30.05934	14.44773	.0377224	.0027320	2.157177	16.38407	.0131872

Sample Name: J5874-13 Acquired: 11/20/2018 19:54:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0499 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.063837	.1209746	.3802475
Stddev	.048467	.0006753	.0005102
%RSD	.6861335	.5582087	.1341876

#1	7.053667	.1202518	.3805934
#2	7.116582	.1215894	.3804876
#3	7.021261	.1210825	.3796615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.827	2840.747	55720.98	5239.998	3627.527
Stddev	18.033	7.317	151.72	33.695	9.263
%RSD	.7254171	.2575781	.2722777	.6430288	.2553446

#1	2495.056	2833.746	55797.74	5272.405	3616.932
#2	2497.377	2848.344	55818.97	5205.149	3631.557
#3	2465.048	2840.150	55546.22	5242.440	3634.093

Sample Name: J5874-14 Acquired: 11/20/2018 19:59:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0533 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578416	.0015162	.3049752	.0096330	.0076155	113.4560	2.859800
Stddev	.0027518	.0033510	.0013996	.0015565	.0014178	.5223	.003165
%RSD	4.757423	221.0133	.4589139	16.15809	18.61748	.4603148	.1106649

#1	.0577027	-.000075	.3055139	.0108028	.0062600	112.9252	2.862113
#2	.0606602	.005366	.3060254	.0102299	.0074982	113.9693	2.861095
#3	.0551620	-.000743	.3033863	.0078664	.0090884	113.4733	2.856193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092584	.0018644	43.67742	.1362867	.1412081	.1732749	171.6192
Stddev	.0000144	.0000865	.14983	.0003383	.0002228	.0025864	1.6333
%RSD	.1556082	4.636648	.3430354	.2482041	.1578110	1.492636	.9516756

#1	.0092473	.0018804	43.84543	.1364842	.1410923	.1744273	169.8821
#2	.0092533	.0017711	43.62917	.1364798	.1414650	.1703126	173.1237
#3	.0092747	.0019418	43.55766	.1358961	.1410670	.1750847	171.8519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26483	27.16548	.1632462	-.002732	1.093536	.3448221	.4711185
Stddev	.04868	.27752	.0020310	.000393	.052652	.0055666	.0057106
%RSD	.4321647	1.021584	1.244116	14.39660	4.814797	1.614331	1.212137

#1	11.32104	26.85094	.1610839	-.003045	1.035079	.3413486	.4748244
#2	11.23737	27.37583	.1635408	-.002291	1.108296	.3512426	.4645421
#3	11.23608	27.26965	.1651137	-.002860	1.137232	.3418751	.4739890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.89083	9.726273	.0392460	.0022778	2.141697	17.30658	.0081866
Stddev	.18656	.011338	.0014145	.0001391	.006651	.09114	.0010586
%RSD	.7809058	.1165759	3.604069	6.105660	.3105620	.5266319	12.93082

#1	23.70413	9.722058	.0376132	.0024337	2.140634	17.21388	.0076552
#2	24.07726	9.717646	.0400277	.0021665	2.148815	17.39608	.0094056
#3	23.89109	9.739116	.0400970	.0022333	2.135640	17.30979	.0074989

Sample Name: J5874-14 Acquired: 11/20/2018 19:59:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0533 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.453701	.1266015	.3520437
Stddev	.011794	.0013330	.0005026
%RSD	.3414938	1.052925	.1427554

#1	3.447597	.1281083	.3525381
#2	3.467296	.1261202	.3520597
#3	3.446209	.1255759	.3515333

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.848	2911.851	57435.11	5343.760	3634.085
Stddev	8.958	2.764	205.75	39.041	.667
%RSD	.3511759	.0949324	.3582299	.7305922	.0183589

#1	2559.864	2908.662	57647.19	5381.815	3633.491
#2	2541.949	2913.573	57236.33	5303.803	3634.807
#3	2550.730	2913.317	57421.81	5345.663	3633.957

Sample Name: J5874-15 Acquired: 11/20/2018 20:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0537 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538628	-.003061	.3099729	.0046056	.0075781	92.06893	1.334794
Stddev	.0052880	.000636	.0005807	.0014033	.0014807	.34013	.001575
%RSD	9.817590	20.78040	.1873297	30.46963	19.53897	.3694319	.1179888

#1	.0538453	-.002551	.3100215	.0058865	.0085241	91.99698	1.333379
#2	.0485836	-.003773	.3093695	.0031056	.0058717	91.77054	1.336491
#3	.0591596	-.002858	.3105278	.0048247	.0083385	92.43929	1.334511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076698	.0019017	107.8220	.1021925	.0672447	.1459889	121.2853
Stddev	.0000761	.0000296	.4442	.0003201	.0005974	.0038618	.8527
%RSD	.9917468	1.555767	.4120144	.3132037	.8883627	2.645253	.7030141

#1	.0075893	.0019067	107.9932	.1018841	.0672636	.1460371	121.4777
#2	.0076797	.0019284	108.1552	.1025231	.0666381	.1498263	120.3530
#3	.0077405	.0018699	107.3176	.1021701	.0678324	.1421032	122.0254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.201225	38.94736	.1217315	-.000465	.9190533	.2055451	.4452188
Stddev	.033816	.31198	.0004225	.000664	.0610808	.0076516	.0140687
%RSD	.8049166	.8010266	.3470614	142.9858	6.646059	3.722574	3.159948

#1	4.236085	38.89428	.1215316	-.000623	.9579160	.1982137	.4595273
#2	4.199029	38.66533	.1222168	-.001035	.9505938	.2049405	.4314029
#3	4.168560	39.28248	.1214461	.000265	.8486501	.2134810	.4447260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.76637	6.057425	.0534757	.0015345	2.274681	21.08715	.0029257
Stddev	.07776	.020381	.0003256	.0000363	.010098	.24429	.0017064
%RSD	.3271869	.3364582	.6088158	2.362319	.4439464	1.158475	58.32327

#1	23.70893	6.036898	.0531208	.0015006	2.284240	20.98094	.0048764
#2	23.73533	6.057722	.0535456	.0015303	2.275684	20.91393	.0021907
#3	23.85486	6.077656	.0537606	.0015727	2.264118	21.36656	.0017100

Sample Name: J5874-15 Acquired: 11/20/2018 20:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0537 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.379803	.1073917	.4008309
Stddev	.005255	.0004909	.0011503
%RSD	.3808856	.4571114	.2869876

#1	1.377157	.1072270	.4016513
#2	1.376397	.1070044	.4013253
#3	1.385855	.1079438	.3995160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.837	2726.480	53921.08	5036.816	3568.473
Stddev	15.047	9.358	306.72	20.378	7.704
%RSD	.6269855	.3432141	.5688391	.4045831	.2158865

#1	2413.600	2737.007	53967.95	5047.952	3576.050
#2	2383.772	2723.326	53593.63	5049.200	3560.648
#3	2402.138	2719.106	54201.68	5013.297	3568.722

Sample Name: J5874-16 Acquired: 11/20/2018 20:09:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0538 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547439	-.008664	.5233299	.0109967	.0101516	121.7900	2.068166
Stddev	.0003615	.002356	.0020841	.0013337	.0011328	.6422	.006234
%RSD	.6602894	27.19747	.3982343	12.12858	11.15905	.5272624	.3014067

#1	.0545927	-.011385	.5241252	.0110230	.0094619	122.3871	2.072741
#2	.0551565	-.007318	.5209652	.0096500	.0114590	121.8722	2.070691
#3	.0544826	-.007289	.5248992	.0123171	.0095339	121.1107	2.061066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099783	.0031291	54.42251	.1369596	.1011971	.2204476	177.9398
Stddev	.0000745	.0001183	.25778	.0005336	.0004501	.0019496	.6071
%RSD	.7467320	3.781408	.4736672	.3895982	.4448030	.8843770	.3411707

#1	.0100421	.0030704	54.48905	.1366025	.1012012	.2190193	178.6168
#2	.0098964	.0030515	54.64049	.1375730	.1007450	.2196550	177.7587
#3	.0099965	.0032653	54.13798	.1367034	.1016452	.2226687	177.4439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.449630	29.72127	.1434833	-.001621	1.725838	.3720149	.7535652
Stddev	.023848	.23142	.0004197	.000514	.149511	.0061963	.0146597
%RSD	.3697595	.7786184	.2925172	31.71042	8.663118	1.665603	1.945386

#1	6.424738	29.84143	.1437522	-.002214	1.881327	.3778657	.7449693
#2	6.472275	29.86789	.1429996	-.001343	1.713062	.3726560	.7452342
#3	6.451877	29.45449	.1436980	-.001306	1.583124	.3655230	.7704922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.74922	13.31314	.0442295	.0025738	2.569103	15.14749	.0094487
Stddev	.10966	.03189	.0013137	.0002563	.007209	.17836	.0014259
%RSD	.4258927	.2395751	2.970208	9.957282	.2806067	1.177513	15.09110

#1	25.80419	13.34352	.0435267	.0025879	2.566338	15.34667	.0078036
#2	25.82053	13.27992	.0434167	.0028228	2.563686	15.00251	.0102119
#3	25.62294	13.31598	.0457451	.0023108	2.577285	15.09330	.0103305

Sample Name: J5874-16 Acquired: 11/20/2018 20:09:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0538 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.155017	.1365793	.3803029
Stddev	.024260	.0010126	.0014211
%RSD	.5838830	.7414095	.3736681

#1	4.161001	.1364414	.3808182
#2	4.175725	.1376537	.3813945
#3	4.128324	.1356427	.3786961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.625	2896.879	57000.82	5342.366	3621.509
Stddev	17.810	6.047	300.09	61.494	6.307
%RSD	.7057376	.2087415	.5264616	1.151063	.1741505

#1	2521.425	2890.852	56796.90	5272.239	3614.871
#2	2507.017	2896.838	56860.17	5367.776	3627.422
#3	2542.433	2902.946	57345.41	5387.083	3622.234

Sample Name: J5872-22RE Acquired: 11/20/2018 20:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0427 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512199	-.007988	.3082973	.0113752	.0079588	154.3100	2.309857
Stddev	.0016205	.002155	.0072003	.0034583	.0018826	.1795	.003353
%RSD	3.163891	26.98321	2.335515	30.40203	23.65475	.1163390	.1451396

#1	.0517448	-.010441	.3157005	.0098696	.0099742	154.1166	2.311901
#2	.0525129	-.007125	.3013187	.0153311	.0076566	154.3419	2.305988
#3	.0494019	-.006398	.3078726	.0089250	.0062455	154.4714	2.311682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108290	.0008026	51.08088	.1689019	.1210569	.1921332	199.2903
Stddev	.0001542	.0003457	.08847	.0009116	.0025549	.0064538	.8129
%RSD	1.424112	43.07443	.1731973	.5397325	2.110486	3.359044	.4078994

#1	.0107007	.0011965	50.99682	.1684670	.1237080	.1993950	198.4013
#2	.0110001	.0005498	51.07264	.1699496	.1186105	.1870528	199.9956
#3	.0107861	.0006614	51.17318	.1682892	.1208523	.1899516	199.4740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.065113	31.32244	.1824652	-.003990	1.671413	.3900585	.5968700
Stddev	.018854	.14387	.0034800	.000775	.125060	.0083181	.0105361
%RSD	.2337716	.4593233	1.907200	19.43261	7.482316	2.132533	1.765234

#1	8.046011	31.15636	.1859208	-.004604	1.529705	.3888048	.5958905
#2	8.065621	31.40207	.1789613	-.003119	1.718200	.3989323	.5868577
#3	8.083709	31.40890	.1825134	-.004247	1.766334	.3824384	.6078617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.41978	13.24634	.0539505	.0018927	2.223635	18.99634	.0091020
Stddev	.08973	.25555	.0010006	.0001499	.039474	.15898	.0012044
%RSD	.3049907	1.929182	1.854675	7.919376	1.775203	.8369006	13.23219

#1	29.31620	13.52178	.0538674	.0017455	2.266866	18.83776	.0077216
#2	29.46971	13.01696	.0529940	.0018875	2.189509	19.15571	.0099384
#3	29.47344	13.20027	.0549900	.0020451	2.214531	18.99555	.0096461

Sample Name: J5872-22RE Acquired: 11/20/2018 20:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0427 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.578455	.1947589	.3915421
Stddev	.002877	.0016687	.0005361
%RSD	.0628461	.8568106	.1369167

#1	4.577361	.1955698	.3919489
#2	4.576285	.1928397	.3909346
#3	4.581719	.1958672	.3917427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.499	2895.764	56950.42	5301.361	3589.951
Stddev	11.710	36.339	149.38	39.403	60.946
%RSD	.4640326	1.254898	.2622937	.7432707	1.697686

#1	2525.050	2855.515	56932.35	5343.575	3523.917
#2	2534.356	2926.161	56810.90	5265.553	3644.040
#3	2511.091	2905.616	57108.01	5294.954	3601.897

Sample Name: CCV020 Acquired: 11/20/2018 20:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.696848	4.823056	23.48268	4.626165	4.981135	403.0197
Stddev	.010945	.021886	.02613	.016660	.008758	1.6248
%RSD	.2330346	.4537741	.1112652	.3601187	.1758267	.4031592

#1	4.689807	4.800488	23.45557	4.608609	4.972884	403.1967
#2	4.691279	4.844189	23.50770	4.641753	4.990324	401.3137
#3	4.709458	4.824490	23.48478	4.628134	4.980197	404.5488

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.949877	.4846482	2.451201	400.0127	15.33941	2.437458
Stddev	.023115	.0037078	.003203	.9046	.01094	.002640
%RSD	.2323161	.7650512	.1306764	.2261402	.0713069	.1083035

#1	9.975353	.4843088	2.447558	400.7744	15.35168	2.436119
#2	9.930243	.4811217	2.453576	400.2508	15.33068	2.440499
#3	9.944035	.4885140	2.452469	399.0128	15.33586	2.435755

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.75775	403.8756	14.46611	402.7842	2.470014	1.191808
Stddev	.03892	2.0664	.04012	2.9517	.004293	.006788
%RSD	.2637387	.5116444	.2773466	.7328156	.1738068	.5695625

#1	14.80166	404.4365	14.49043	403.7255	2.467542	1.196306
#2	14.74412	401.5866	14.48811	399.4766	2.467529	1.184000
#3	14.72748	405.6036	14.41980	405.1503	2.474971	1.195118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.6054	2.522933	14.56677	149.6172	4.740966	4.982352
Stddev	2.5182	.021424	.10527	1.0302	.015445	.029134
%RSD	.6286107	.8491721	.7226655	.6885554	.3257802	.5847444

#1	400.3766	2.512554	14.62998	149.4395	4.724149	4.973380
#2	398.2094	2.508675	14.62508	148.6874	4.744235	4.958759
#3	403.2303	2.547570	14.44525	150.7247	4.754516	5.014917

Sample Name: CCV020 Acquired: 11/20/2018 20:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.787099	F 4.078021	5.125628	5.051498	4.978260	4.843342
Stddev	.015663	.025140	.039272	.019711	.015593	.013314
%RSD	.3271910	.6164865	.7661981	.3902040	.3132284	.2748841

#1	4.769524	4.049010	5.118063	5.028794	4.992838	4.844515
#2	4.792190	4.093436	5.090688	5.061461	4.961819	4.829480
#3	4.799584	4.091617	5.168133	5.064239	4.980124	4.856030

Elem	Sr4077
Units	ppm
Avg	4.766123
Stddev	.007955
%RSD	.1669164

#1	4.775166
#2	4.760202
#3	4.763000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.706	2050.960	44104.51	4154.140	2956.790
Stddev	5.716	5.727	18.91	42.542	5.909
%RSD	.3095214	.2792457	.0428805	1.024080	.1998595

#1	1849.481	2057.517	44082.68	4151.902	2963.553
#2	1850.504	2048.430	44115.59	4197.757	2952.626
#3	1840.132	2046.934	44115.28	4112.762	2954.190

Sample Name: CCB020 Acquired: 11/20/2018 20:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006361	-.000784	.0019057	-.002433	-.000480	-.005455	.0015959
Stddev	.0007083	.003062	.0001994	.001875	.000975	.013178	.0009057
%RSD	111.3477	390.7174	10.46260	77.05162	203.2963	241.5632	56.75200

#1	.0005696	-.001369	.0021211	-.001678	-.001063	-.020670	.0006267
#2	.0013753	.002528	.0017277	-.001054	.000646	.002375	.0017402
#3	-.000037	-.003510	.0018682	-.004568	-.001022	.001928	.0024209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000208	.0000364	-.002860	.0002718	-.000294	-.003598	.0005148
Stddev	.0000390	.0000583	.012880	.0000485	.000146	.004000	.0088947
%RSD	187.6730	160.1764	450.4276	17.82949	49.52618	111.1649	1727.880

#1	.0000303	-.000030	-.014374	.0002932	-.000207	-.004115	-.008123
#2	.0000542	.000062	-.005254	.0003059	-.000463	.000635	.000021
#3	-.000022	.000078	.011050	.0002163	-.000214	-.007315	.009646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.005667	-.000370	.0005453	-.205880	.0021525	.0043157
Stddev	.000248	.028367	.000033	.0000238	.308085	.0023517	.0123892
%RSD	319.4541	500.5619	8.998695	4.357142	149.6426	109.2535	287.0718

#1	-.000359	-.017653	-.000332	.0005725	-.545903	.0004456	.0145332
#2	.000106	.026726	-.000394	.0005283	-.126448	.0048350	.0078783
#3	.000021	-.026074	-.000384	.0005352	.054710	.0011769	-.009464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263388	-.001509	.0067103	.0000050	-.000517	.0042242	.0007959
Stddev	.0257770	.001434	.0006569	.0002708	.001547	.0011730	.0005081
%RSD	20.40306	95.03377	9.789318	5418.999	299.3852	27.76840	63.84733

#1	.1307088	-.000449	.0068401	-.000260	-.002133	.0030568	.0007111
#2	.0986562	-.003141	.0072926	.000281	-.000367	.0054027	.0003355
#3	.1496515	-.000938	.0059982	-.000006	.000950	.0042130	.0013411

Sample Name: CCB020 Acquired: 11/20/2018 20:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000887	.0043327	-.000057
Stddev	.001224	.0006500	.000093
%RSD	137.9696	15.00281	163.0239

#1	.000439	.0035880	.000020
#2	-.001127	.0047862	-.000031
#3	-.001975	.0046240	-.000160

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.042	2427.429	46297.16	4274.092	3716.045
Stddev	23.675	9.534	611.89	125.881	9.209
%RSD	1.126307	.3927636	1.321660	2.945222	.2478303

#1	2075.185	2416.463	45591.87	4385.200	3705.457
#2	2119.892	2432.072	46686.39	4137.375	3720.486
#3	2111.047	2433.753	46613.22	4299.700	3722.193