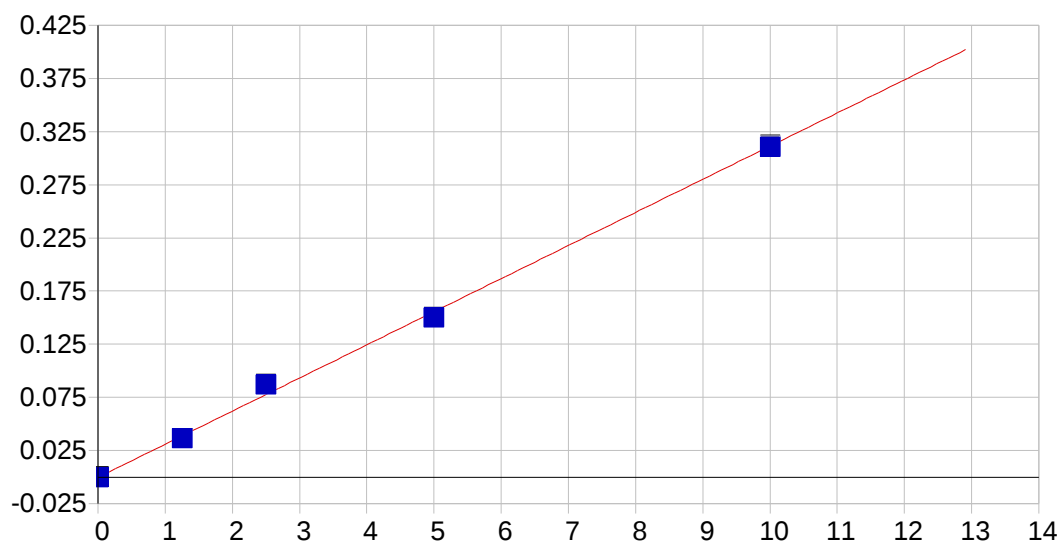




As 189.042 {479}

Date of Fit: 11/19/2018 14:28:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000271

Re-Slope: 1.000000

A1 (Gain): 0.031162

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998746

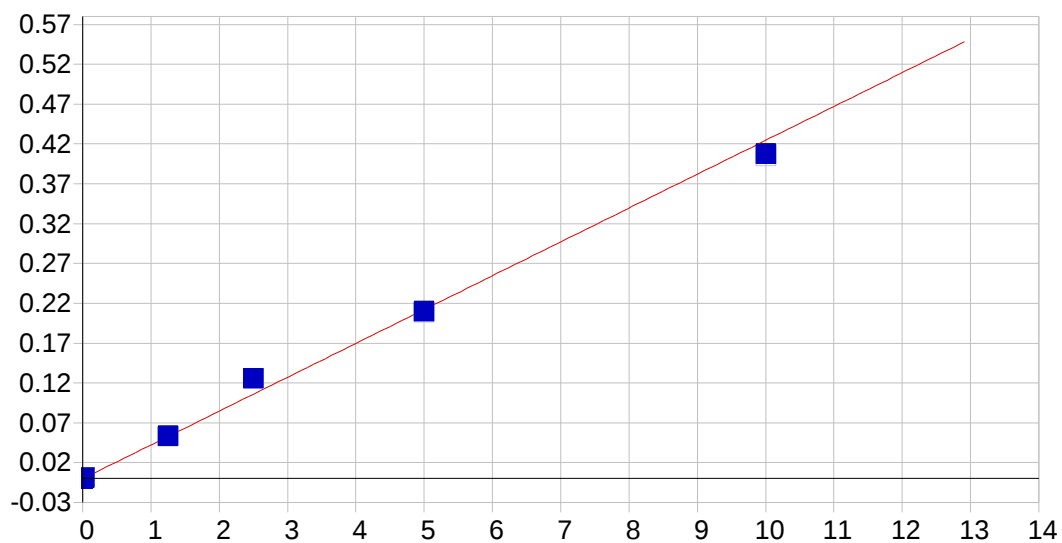
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.004152

Predicted MQL: 0.013839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00871	-.001	-12.9	.00000	.000	1
S2	1.2500	1.1727	-.077	-6.18	.03642	.000	1
S3	2.5000	2.7980	.298	11.9	.08722	.000	1
S4	5.0000	4.8138	-.186	-3.72	.15034	.000	1
S5	10.000	9.9668	-.033	-.332	.31152	.001	1

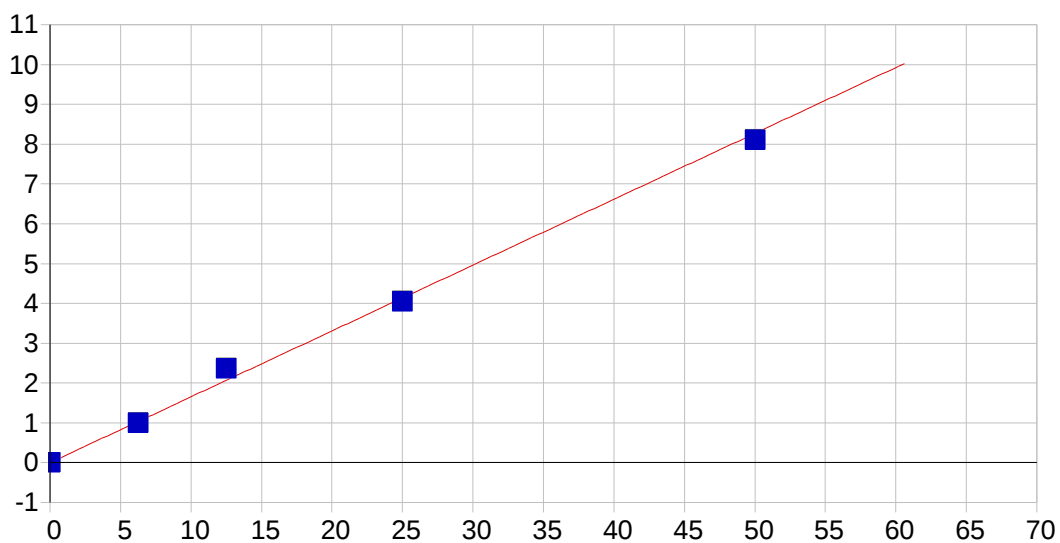


TI 190.856 {477}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.042484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997268 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.002575
 Predicted MQL: 0.008582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.02500	.02877	.004	15.1	.00092	.000	1
S2	1.2500	1.2601	.010	.810	.05292	.000	1
S3	2.5000	2.9568	.457	18.3	.12469	.000	1
S4	5.0000	4.9409	-.059	-1.18	.20834	.001	1
S5	10.000	9.5884	-.412	-4.12	.40450	.001	1

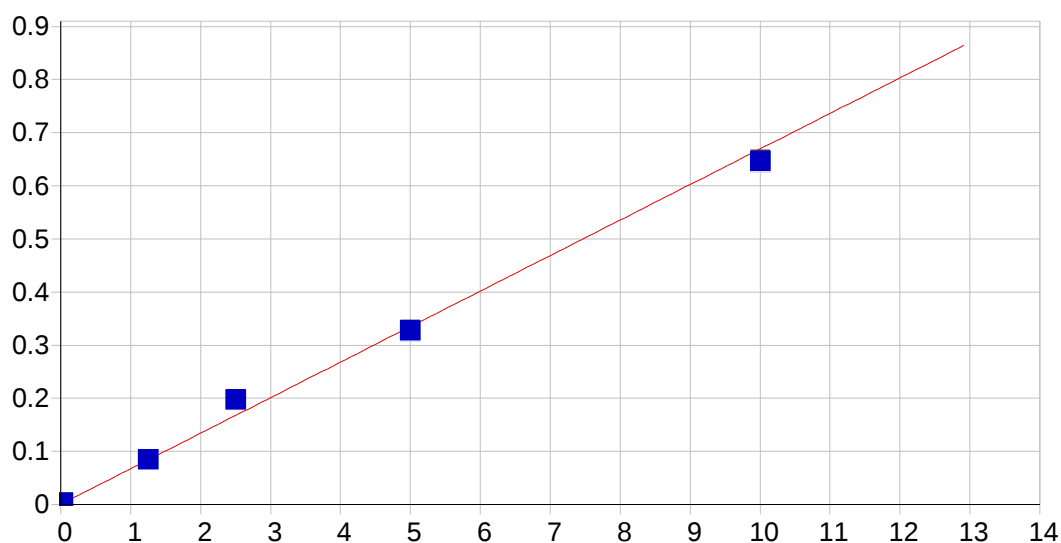


Pb 220.353 {453}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.165409 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998426 Status: OK.
 Std Error of Est: 0.000349
 Predicted MDL: 0.001756
 Predicted MQL: 0.005854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01079	.001	7.92	.00176	.000	1
S2	6.2500	6.0223	-.228	-3.64	.99753	.001	1
S3	12.500	14.288	1.79	14.3	2.3662	.003	1
S4	25.000	24.456	-.544	-2.18	4.0509	.004	1
S5	50.000	48.983	-1.02	-2.03	8.1136	.004	1

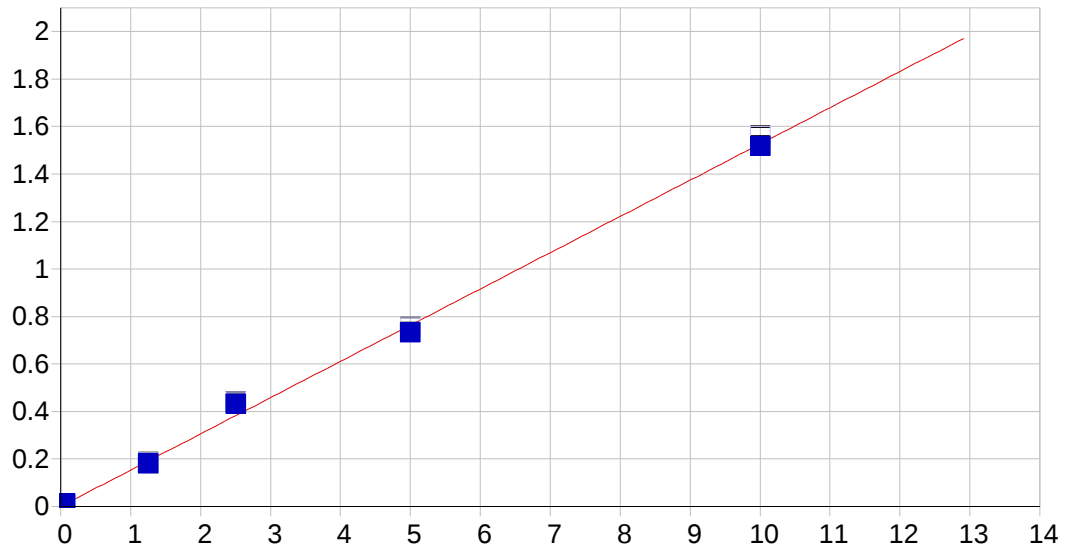


Se 196.090 {472}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000426 Re-Slope: 1.000000
 A1 (Gain): 0.066900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997515 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.002970
 Predicted MQL: 0.009901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00042	.000	1
S1	.03500	.04413	.009	26.1	.00338	.000	1
S2	1.2500	1.2548	.005	.387	.08398	.000	1
S3	2.5000	2.9370	.437	17.5	.19613	.000	1
S4	5.0000	4.8882	-.112	-2.24	.32587	.001	1
S5	10.000	9.6608	-.339	-3.39	.64359	.002	1

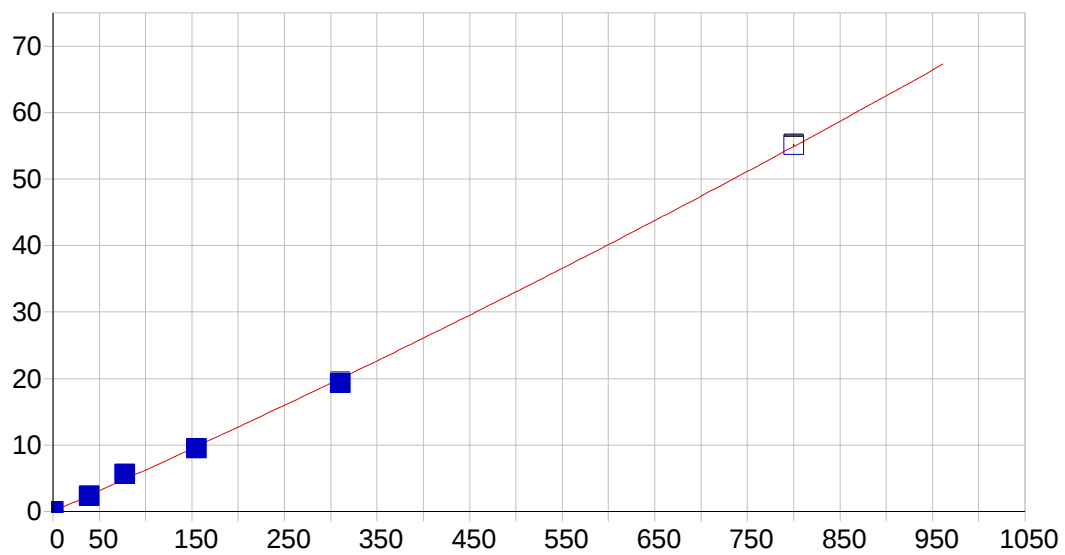


Sb 206.833 {463}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000503 Re-Slope: 1.000000
 A1 (Gain): 0.152628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998585 Status: OK.
 Std Error of Est: 0.000343
 Predicted MDL: 0.001664
 Predicted MQL: 0.005548

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00050	.000	1
S1	.06000	.07234	.012	20.6	.01154	.000	1
S2	1.2500	1.1800	-.070	-5.60	.18581	.001	1
S3	2.5000	2.8218	.322	12.9	.44157	.000	1
S4	5.0000	4.8001	-.200	-4.00	.75391	.002	1
S5	10.000	9.9362	-.064	-.638	1.5586	.003	1

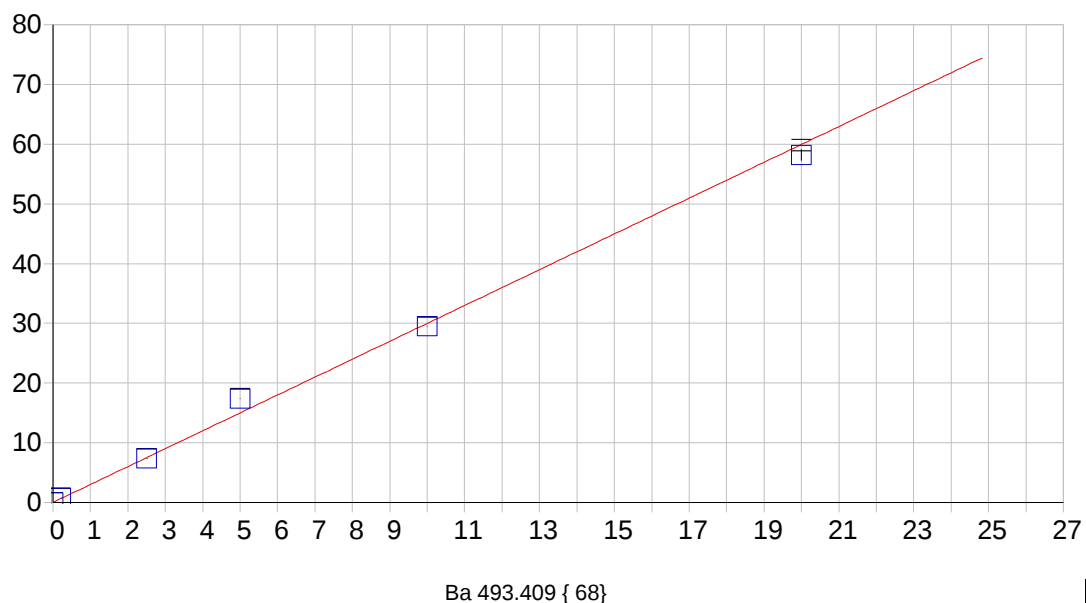


AI 396.152 { 85}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002749 Re-Slope: 1.000000
 A1 (Gain): 0.061766 Y-int: 0.000000
 A2 (Curvature): 0.000009
 n (Exponent): 1.000000
 Correlation: 0.999228 Status: Warning Positive Curvature
 Std Error of Est: 0.001820
 Predicted MDL: 0.016351
 Predicted MQL: 0.054504

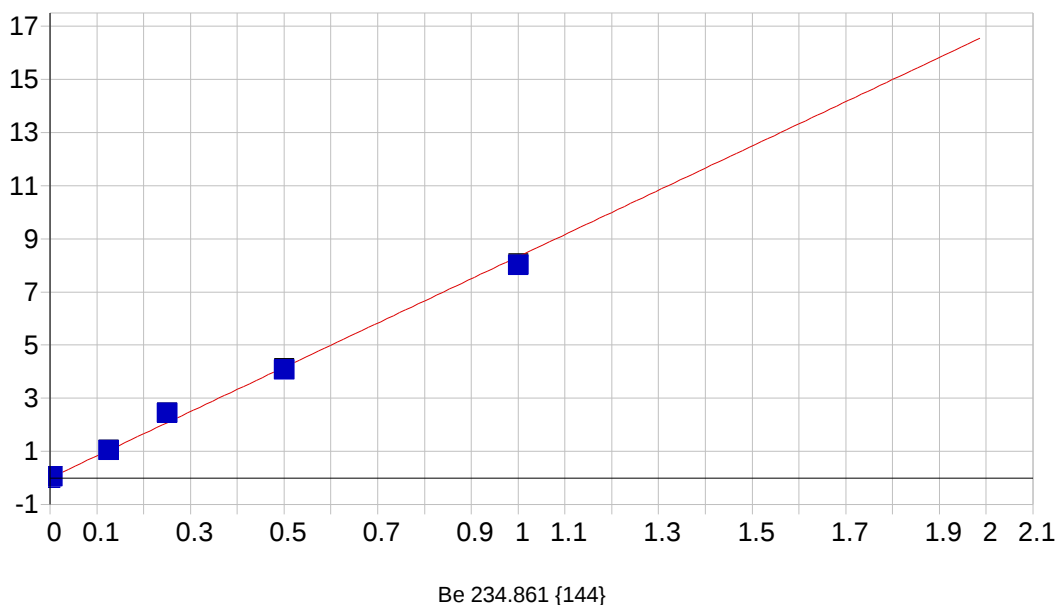
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.00274	.001	1
S1	.20000	.25053	.051	25.3	.01824	.001	1
S2	38.750	37.697	-1.05	-2.72	2.3455	.001	1
S3	77.500	89.479	12.0	15.5	5.6025	.040	1
S4	155.00	150.49	-4.51	-2.91	9.5008	.021	1
S5	310.00	300.49	-9.51	-3.07	19.353	.101	1
S6	800.00	803.09	3.09	.386	55.123	.151	1



Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019679 Re-Slope: 1.000000
 A1 (Gain): 2.996698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997912 Status: OK.
 Std Error of Est: 0.020615
 Predicted MDL: 0.001004
 Predicted MQL: 0.003348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.01951	.002	1
S1	.20000	.24035	.040	20.2	.73995	.005	1
S2	2.5000	2.4413	-.059	-2.35	7.3354	.012	1
S3	5.0000	5.7975	.798	16.0	17.393	.051	1
S4	10.000	9.8191	-.181	-1.81	29.445	.061	1
S5	20.000	19.402	-.598	-2.99	58.161	.955	1



Date of Fit: 11/19/2018 14:28:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003443

Re-Slope: 1.000000

A1 (Gain): 8.331539

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.997432

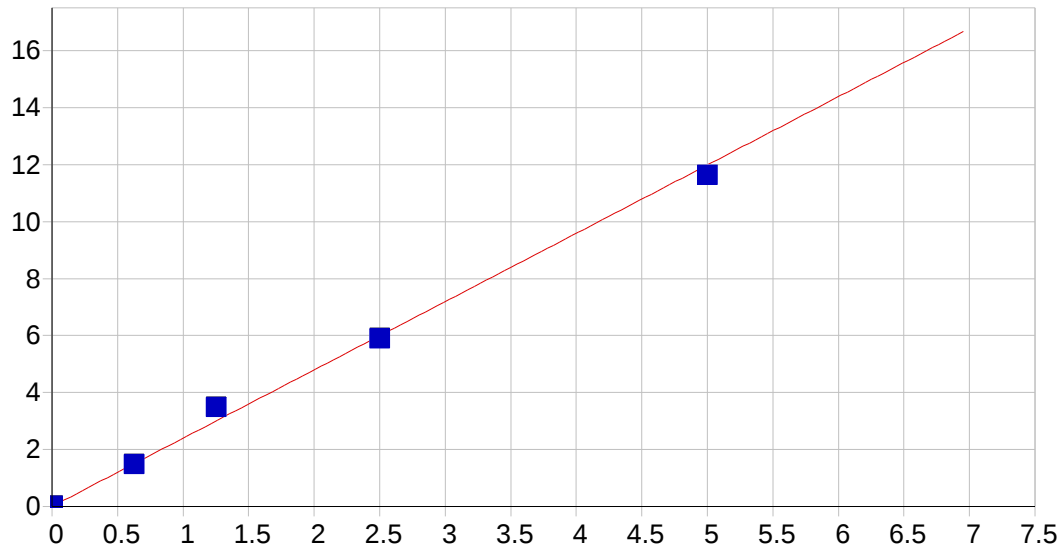
Status: OK.

Std Error of Est: 0.002235

Predicted MDL: 0.000067

Predicted MQL: 0.000223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00346	.000	1
S1	.00500	.00613	.001	22.7	.04763	.001	1
S2	.12500	.12571	.001	.566	1.0393	.008	1
S3	.25000	.29432	.044	17.7	2.4396	.006	1
S4	.50000	.48939	-.011	-2.12	4.0557	.044	1
S5	1.0000	.96445	-.036	-3.55	7.9955	.031	1

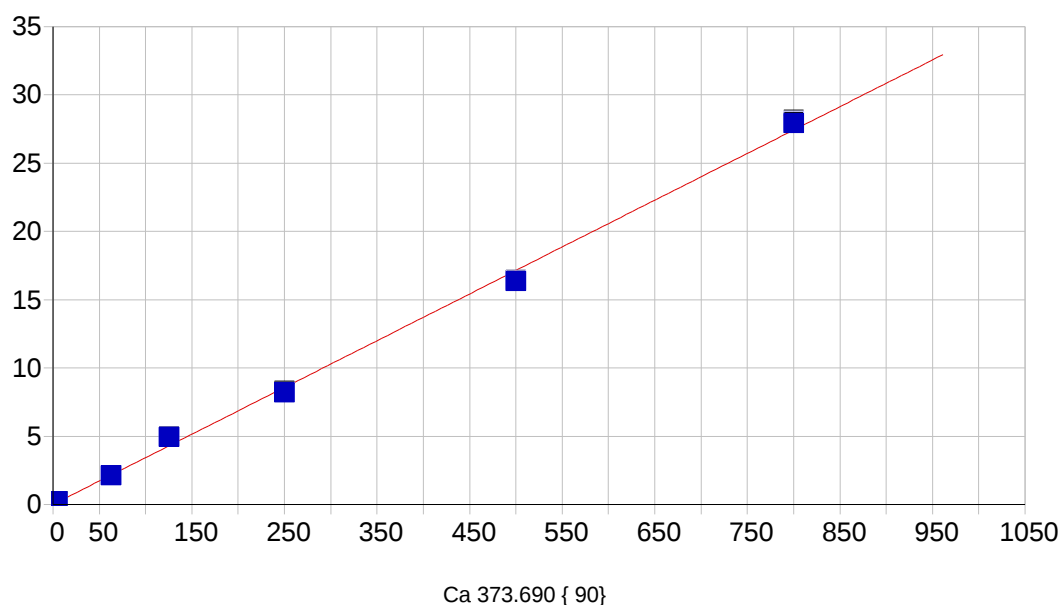


Cd 214.438 {457}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000551 Re-Slope: 1.000000
 A1 (Gain): 2.397822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997962 Status: OK.
 Std Error of Est: 0.001288
 Predicted MDL: 0.000084
 Predicted MQL: 0.000279

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.00500	.00608	.001	21.5	.01513	.000	1
S2	.62500	.61515	-.010	-1.58	1.4786	.004	1
S3	1.2500	1.4525	.203	16.2	3.4896	.001	1
S4	2.5000	2.4580	-.042	-1.68	5.9068	.011	1
S5	5.0000	4.8482	-.152	-3.04	11.650	.008	1



Date of Fit: 11/19/2018 14:28:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002823

Re-Slope: 1.000000

A1 (Gain): 0.034282

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998649

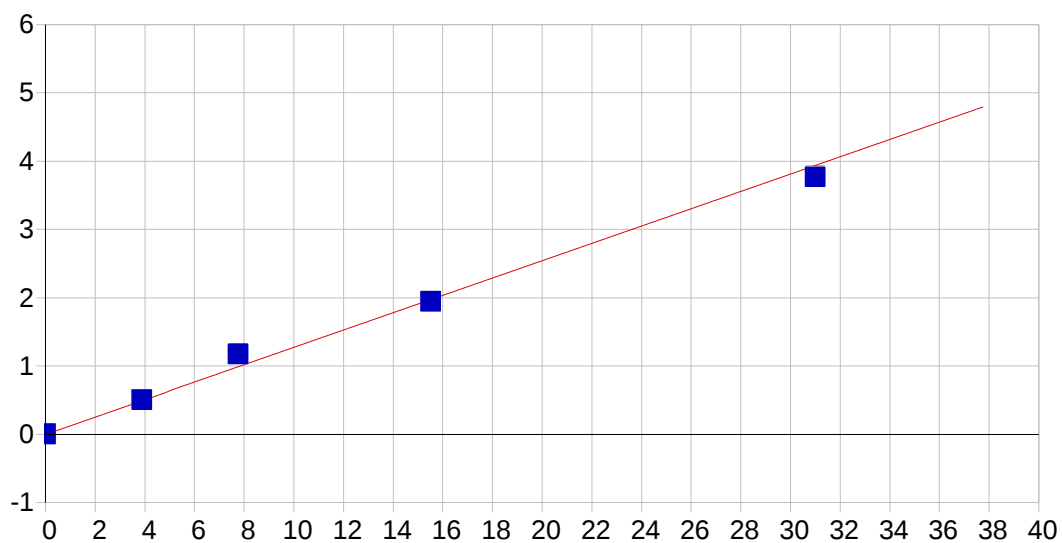
Status: OK.

Std Error of Est: 0.006256

Predicted MDL: 0.023456

Predicted MQL: 0.078186

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00156	-.002	.000	.00277	.001	1
S1	5.0000	6.2061	1.21	24.1	.21560	.000	1
S2	62.500	62.016	-.484	-.775	2.1365	.010	1
S3	125.00	143.52	18.5	14.8	4.9381	.018	1
S4	250.00	239.55	-10.5	-4.18	8.2456	.058	1
S5	500.00	477.17	-22.8	-4.57	16.422	.017	1
S6	800.00	814.02	14.0	1.75	28.072	.098	1

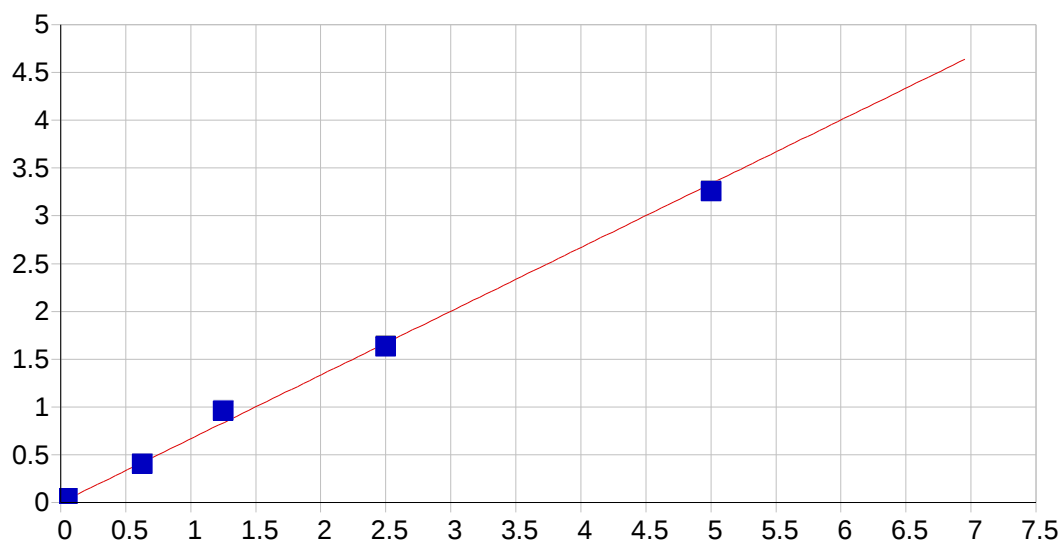


Cr 267.716 {126}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.127014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997070 Status: OK.
 Std Error of Est: 0.000288
 Predicted MDL: 0.000576
 Predicted MQL: 0.001921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00000	.000	1
S1	.01000	.01381	.004	38.1	.00176	.000	1
S2	3.8750	3.9754	.100	2.59	.50580	.002	1
S3	7.7500	9.2169	1.47	18.9	1.1724	.002	1
S4	15.500	15.273	-.227	-1.46	1.9434	.005	1
S5	31.000	29.656	-1.34	-4.34	3.7736	.005	1

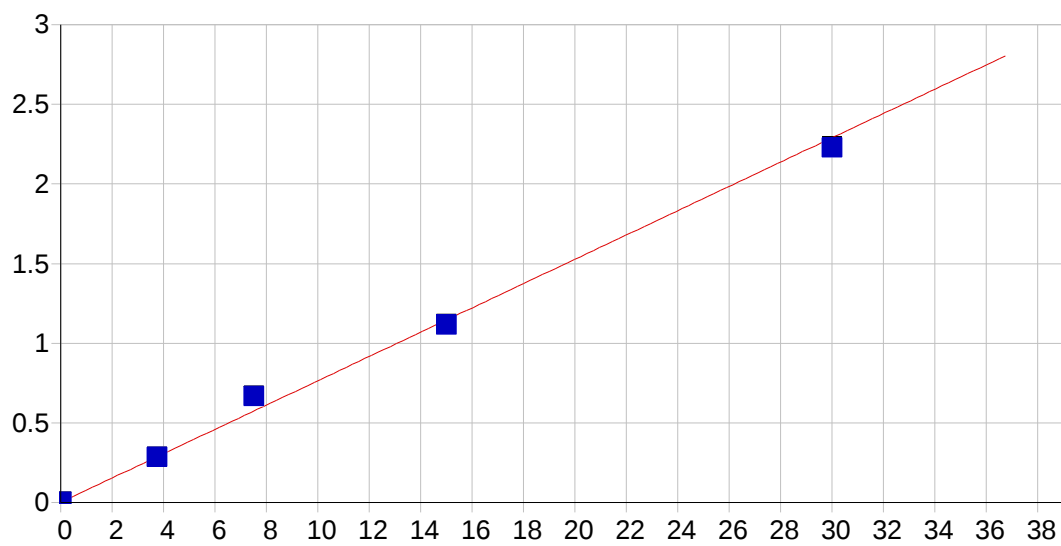


Co 228.616 {448}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.667038 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998137 Status: OK.
 Std Error of Est: 0.001086
 Predicted MDL: 0.000292
 Predicted MQL: 0.000974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00006	.000	1
S1	.05000	.05844	.008	16.9	.03917	.000	1
S2	.62500	.60540	-.020	-3.14	.40472	.001	1
S3	1.2500	1.4404	.190	15.2	.96254	.003	1
S4	2.5000	2.4446	-.055	-2.22	1.6340	.003	1
S5	5.0000	4.8761	-.124	-2.48	3.2592	.004	1

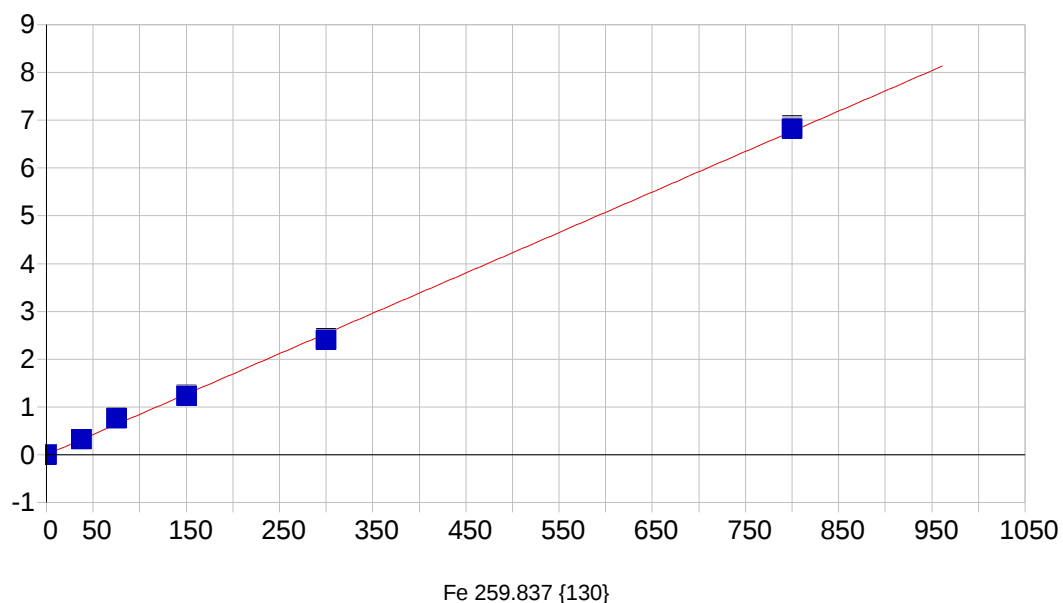


Cu 324.754 {104}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001295 Re-Slope: 1.000000
 A1 (Gain): 0.076280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997955 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.005884
 Predicted MQL: 0.019613

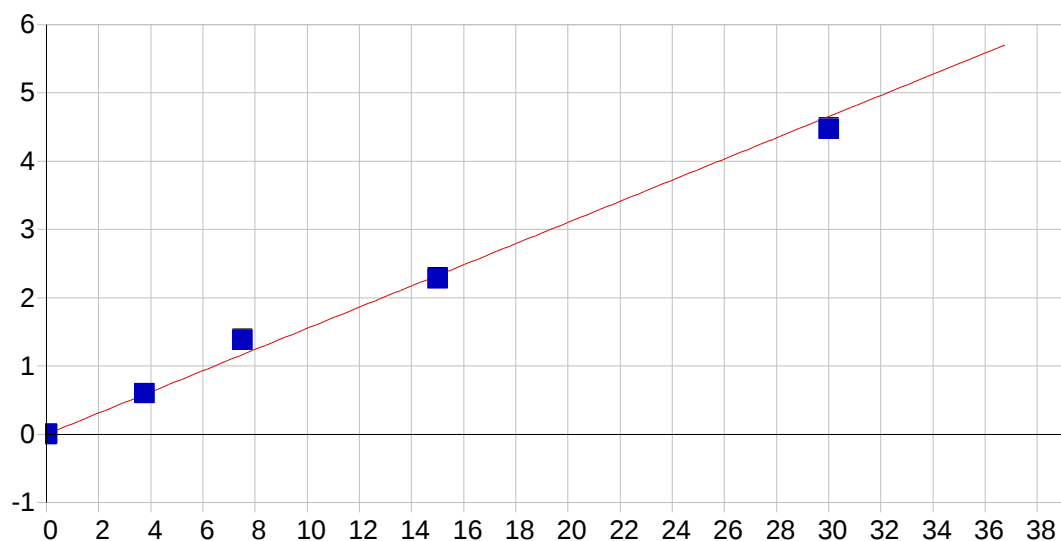
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00129	.000	1
S1	.02500	.02625	.001	4.98	.00329	.000	1
S2	3.7500	3.7148	-.035	-.937	.28448	.001	1
S3	7.5000	8.7213	1.22	16.3	.66620	.002	1
S4	15.000	14.611	-.389	-2.60	1.1151	.003	1
S5	30.000	29.202	-.798	-2.66	2.2274	.008	1



Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.008459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998658 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.027197
 Predicted MQL: 0.090655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	.00005	.000	1
S1	.10000	.15438	.054	54.4	.00138	.000	1
S2	37.500	37.566	.066	.177	.31952	.003	1
S3	75.000	89.062	14.1	18.7	.75680	.009	1
S4	150.00	145.75	-4.25	-2.84	1.2397	.009	1
S5	300.00	283.89	-16.1	-5.37	2.4150	.015	1
S6	800.00	806.18	6.18	.773	6.8500	.033	1

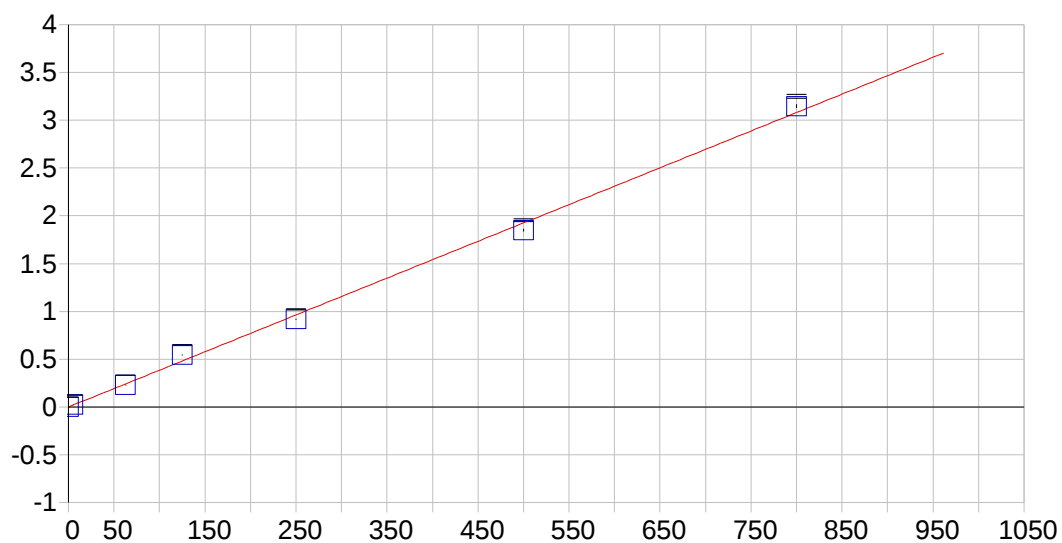


Mn 257.610 {131}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.155134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997198 Status: OK.
 Std Error of Est: 0.000414
 Predicted MDL: 0.001553
 Predicted MQL: 0.005175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00013	.000	1
S1	.01500	.01969	.005	31.3	.00318	.000	1
S2	3.7500	3.8527	.103	2.74	.59795	.005	1
S3	7.5000	8.8935	1.39	18.6	1.3801	.011	1
S4	15.000	14.688	-.312	-2.08	2.2793	.019	1
S5	30.000	28.811	-1.19	-3.96	4.4707	.021	1

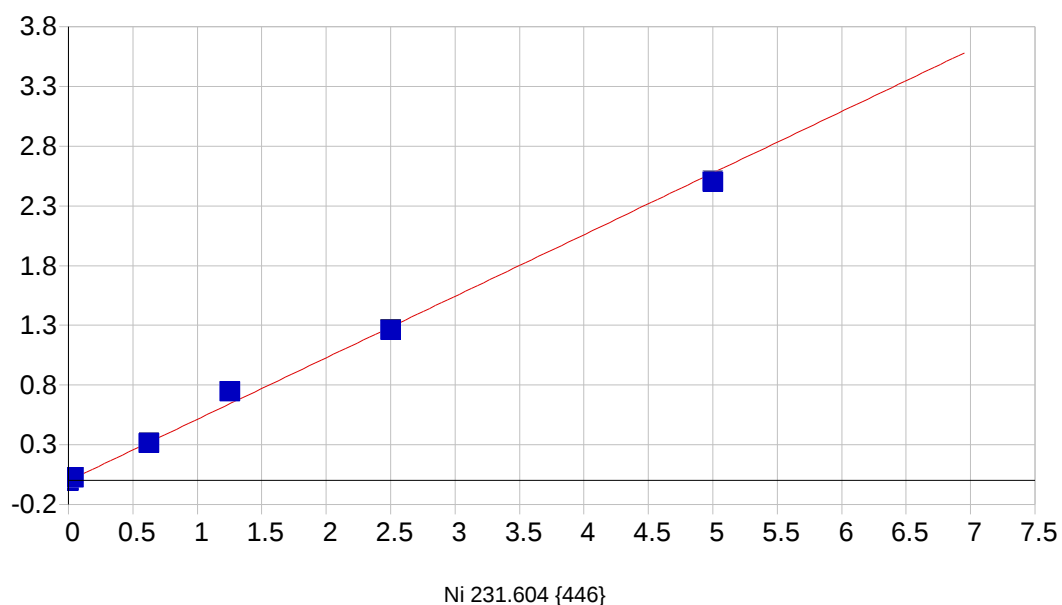


Mg 279.079 {121}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.003851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998836 Status: OK.
 Std Error of Est: 0.000649
 Predicted MDL: 0.072468
 Predicted MQL: 0.241560

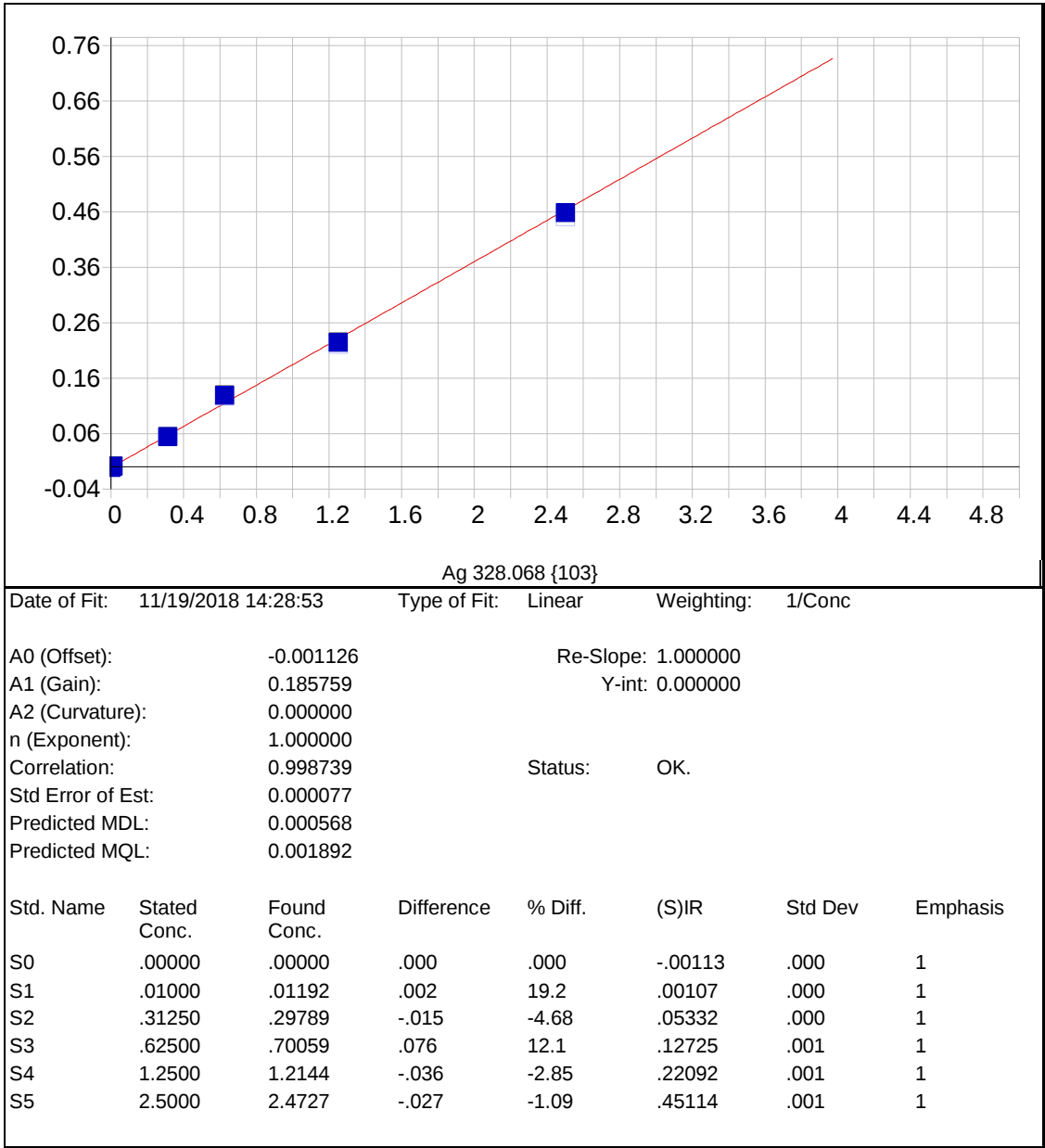
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00076	-.001	.000	-.00010	.000	1
S1	5.0000	5.6825	.683	13.7	.02178	.001	1
S2	62.500	59.283	-3.22	-5.15	.22818	.002	1
S3	125.00	141.38	16.4	13.1	.54432	.007	1
S4	250.00	238.57	-11.4	-4.57	.91858	.006	1
S5	500.00	480.43	-19.6	-3.91	1.8499	.012	1
S6	800.00	817.15	17.2	2.14	3.1465	.021	1

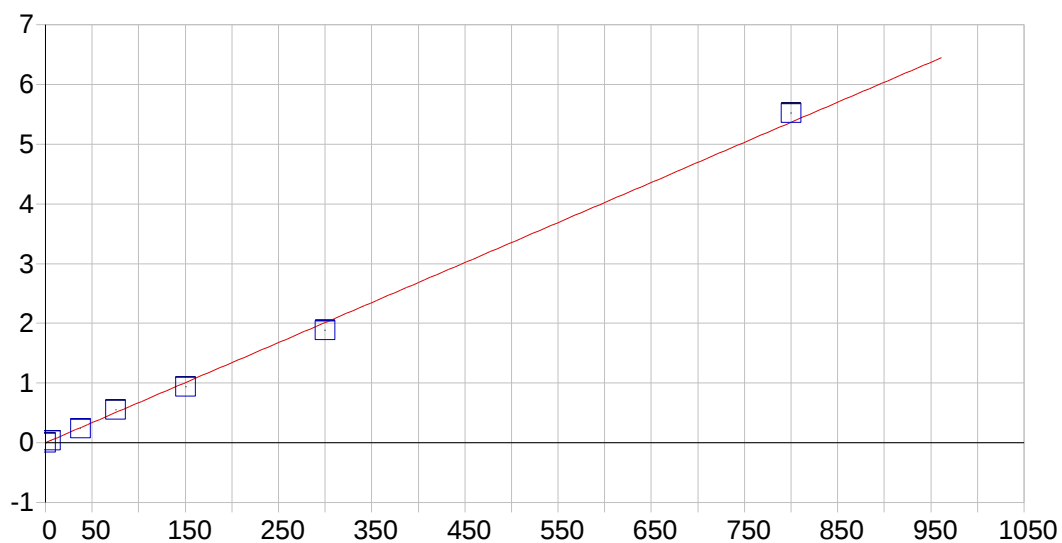


Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001597 Re-Slope: 1.000000
 A1 (Gain): 0.515179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997956 Status: OK.
 Std Error of Est: 0.000785
 Predicted MDL: 0.000438
 Predicted MQL: 0.001459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00160	.000	1
S1	.04000	.04909	.009	22.7	.02371	.000	1
S2	.62500	.60946	-.016	-2.49	.31304	.001	1
S3	1.2500	1.4479	.198	15.8	.74566	.001	1
S4	2.5000	2.4478	-.052	-2.09	1.2621	.004	1
S5	5.0000	4.8608	-.139	-2.78	2.5079	.001	1



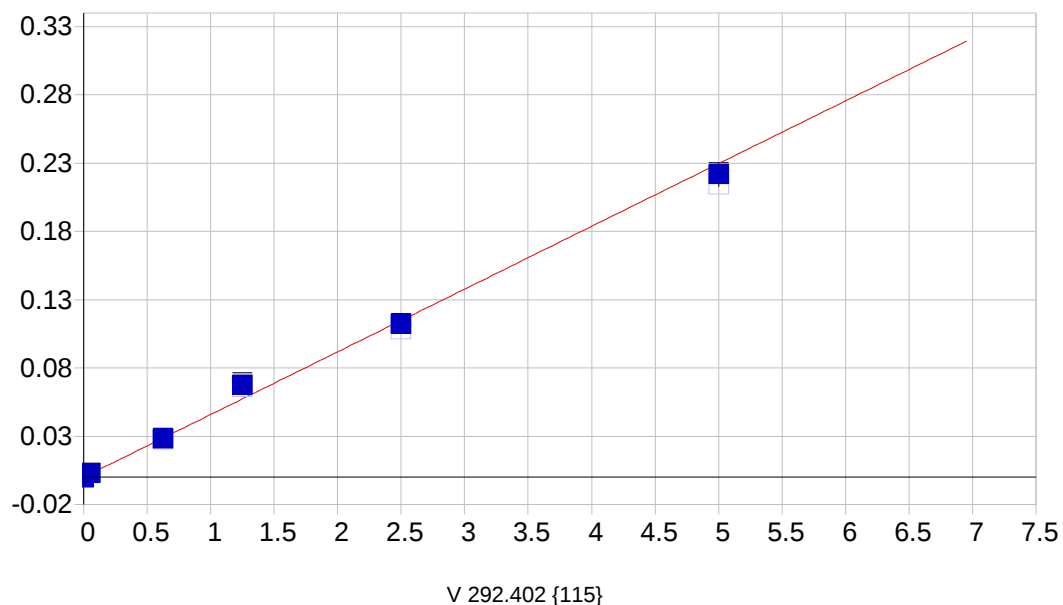


Na 818.326 { 41}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001622 Re-Slope: 1.000000
 A1 (Gain): 0.006704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998678 Status: OK.
 Std Error of Est: 0.001067
 Predicted MDL: 0.331453
 Predicted MQL: 1.104844

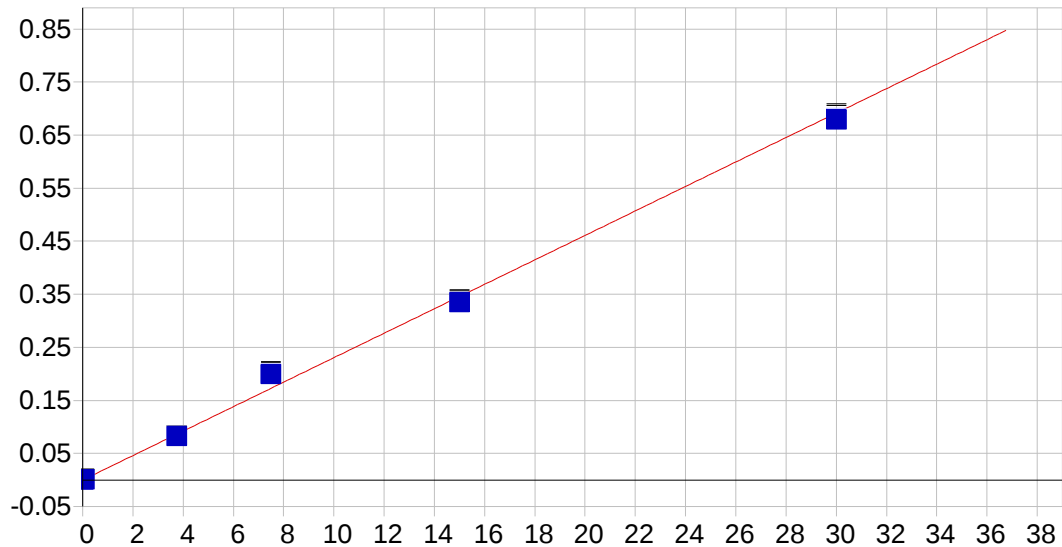
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	.000	.000	.00162	.002	1
S1	5.0000	5.6460	.646	12.9	.03947	.001	1
S2	37.500	35.112	-2.39	-6.37	.23701	.002	1
S3	75.000	82.531	7.53	10.0	.55490	.001	1
S4	150.00	139.69	-10.3	-6.87	.93808	.004	1
S5	300.00	280.85	-19.1	-6.38	1.8844	.007	1
S6	800.00	823.67	23.7	2.96	5.5235	.010	1



Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.045957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997102 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.007463
 Predicted MQL: 0.024876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00011	.000	1
S1	.05000	.06247	.012	24.9	.00276	.000	1
S2	.62500	.61983	-.005	-.827	.02743	.000	1
S3	1.2500	1.4756	.226	18.0	.06581	.002	1
S4	2.5000	2.4399	-.060	-2.40	.10823	.001	1
S5	5.0000	4.8268	-.173	-3.46	.21413	.002	1

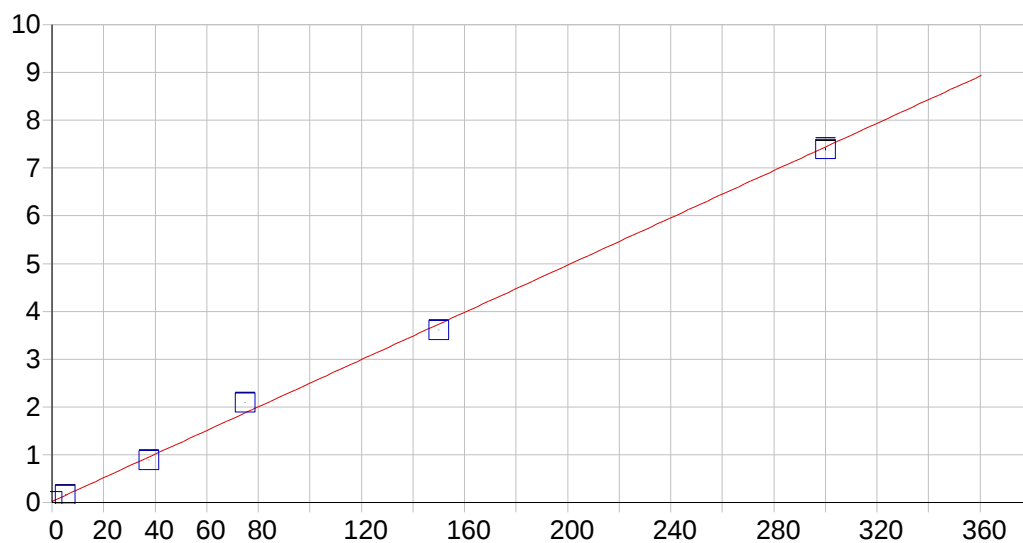


Zn 213.856 {158}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.023058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998157 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.014859
 Predicted MQL: 0.049529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.06000	.05691	-.003	-5.14	.00099	.000	1
S2	3.7500	3.5925	-.157	-4.20	.08291	.001	1
S3	7.5000	8.6593	1.16	15.5	.20015	.004	1
S4	15.000	14.526	-.474	-3.16	.33623	.004	1
S5	30.000	29.476	-.524	-1.75	.68256	.008	1

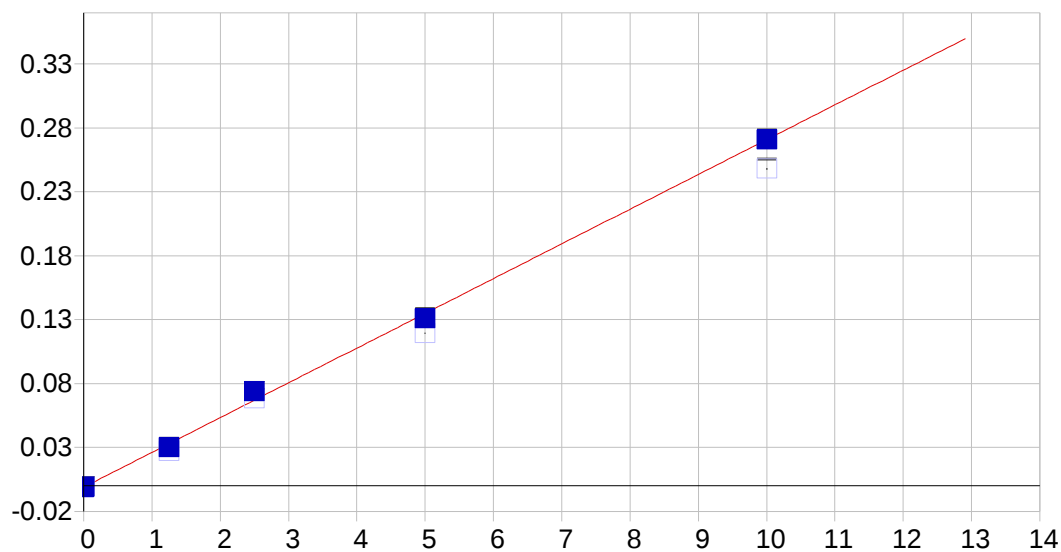


K 769.896 { 44}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.022633	Re-Slope: 1.000000
A1 (Gain):	0.024730	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.998772	Status: OK.
Std Error of Est:	0.002529	
Predicted MDL:	0.079715	
Predicted MQL:	0.265718	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	.000	.000	.02262	.001	1
S1	5.0000	5.4323	.432	8.65	.15697	.001	1
S2	37.500	35.025	-2.47	-6.60	.88880	.004	1
S3	75.000	83.747	8.75	11.7	2.0937	.005	1
S4	150.00	145.03	-4.97	-3.31	3.6092	.008	1
S5	300.00	298.27	-1.73	-.577	7.3988	.028	1

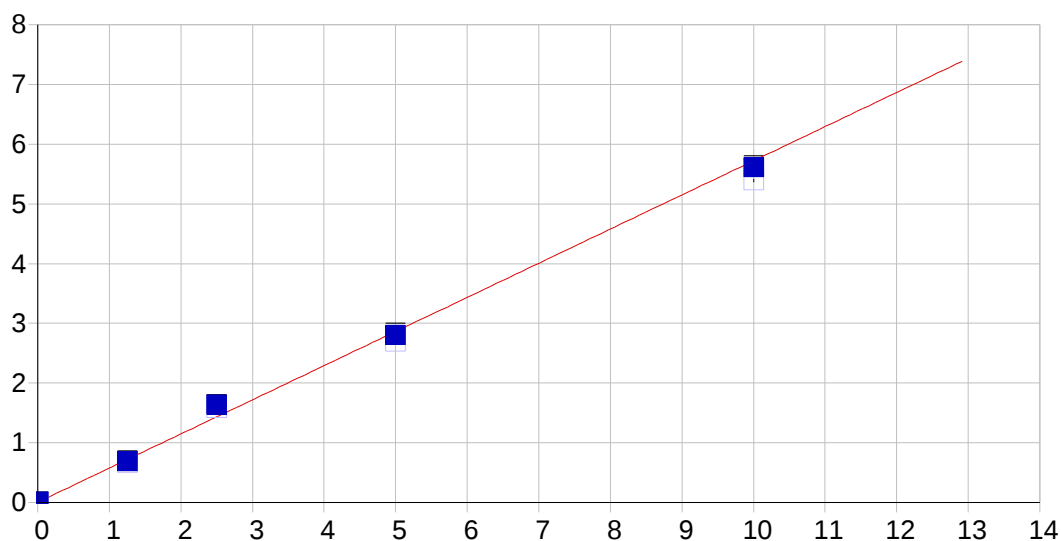


P 177.495 {490}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000918 Re-Slope: 1.000000
 A1 (Gain): 0.027173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998760 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003094
 Predicted MQL: 0.010312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.01000	.00852	-.001	-14.8	-.00070	.000	1
S2	1.2500	1.1455	-.104	-8.36	.02736	.000	1
S3	2.5000	2.7540	.254	10.2	.06821	.000	1
S4	5.0000	4.8527	-.147	-2.95	.11954	.000	1
S5	10.000	9.9992	-.001	-.008	.24798	.001	1

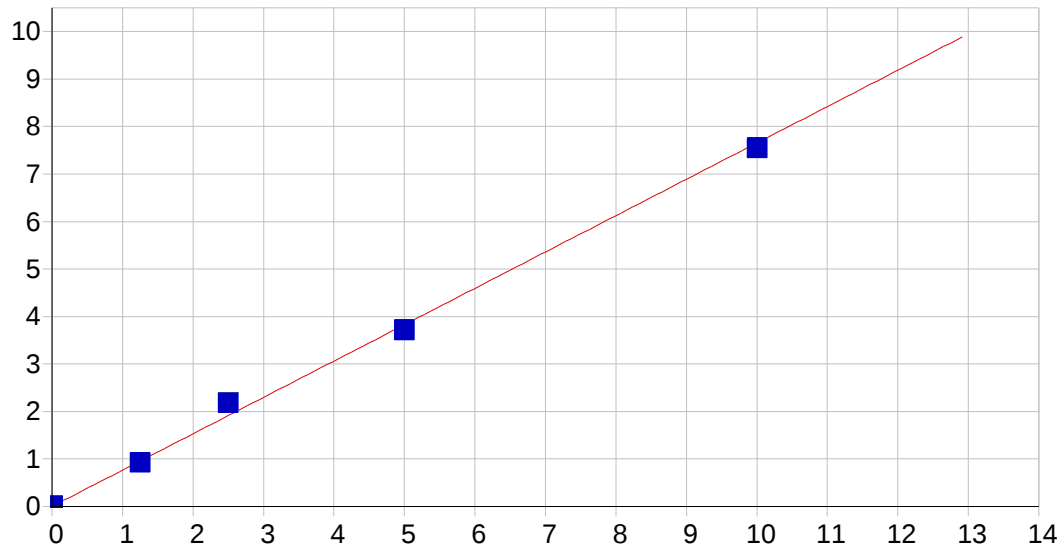


B 249.678 {135}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004302 Re-Slope: 1.000000
 A1 (Gain): 0.571695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998362 Status: OK.
 Std Error of Est: 0.000528
 Predicted MDL: 0.001108
 Predicted MQL: 0.003692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00430	.000	1
S1	.01000	.00774	-.002	-22.6	.00869	.000	1
S2	1.2500	1.2021	-.048	-3.83	.66409	.005	1
S3	2.5000	2.8488	.349	14.0	1.5780	.002	1
S4	5.0000	4.8945	-.105	-2.11	2.6927	.032	1
S5	10.000	9.8069	-.193	-1.93	5.3913	.025	1

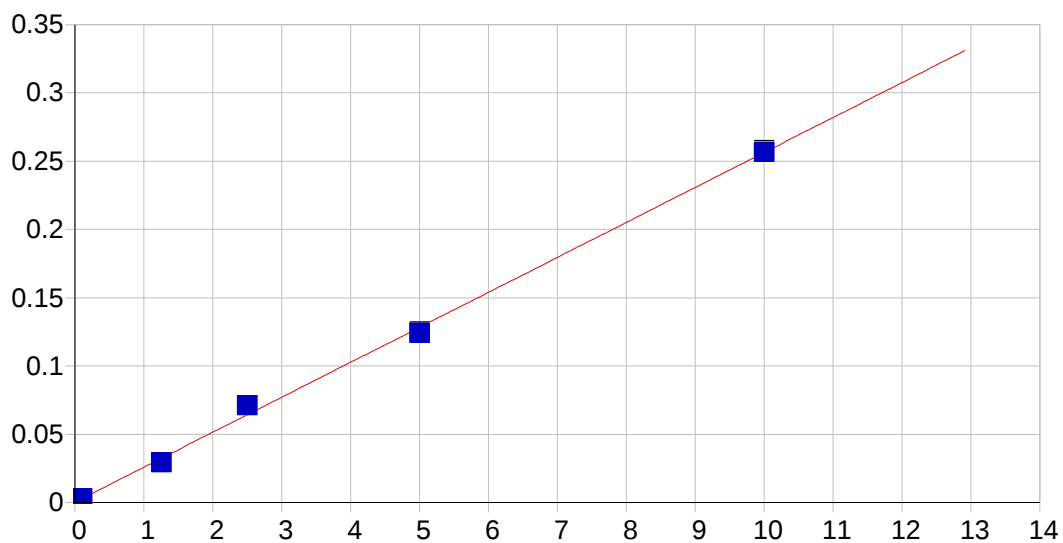


Mo 202.030 {467}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000678 Re-Slope: 1.000000
 A1 (Gain): 0.765496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998466 Status: OK.
 Std Error of Est: 0.000712
 Predicted MDL: 0.000290
 Predicted MQL: 0.000967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.01000	.01170	.002	17.0	.00963	.000	1
S2	1.2500	1.2010	-.049	-3.92	.92002	.001	1
S3	2.5000	2.8482	.348	13.9	2.1809	.003	1
S4	5.0000	4.8436	-.156	-3.13	3.7083	.006	1
S5	10.000	9.8554	-.145	-1.45	7.5446	.013	1

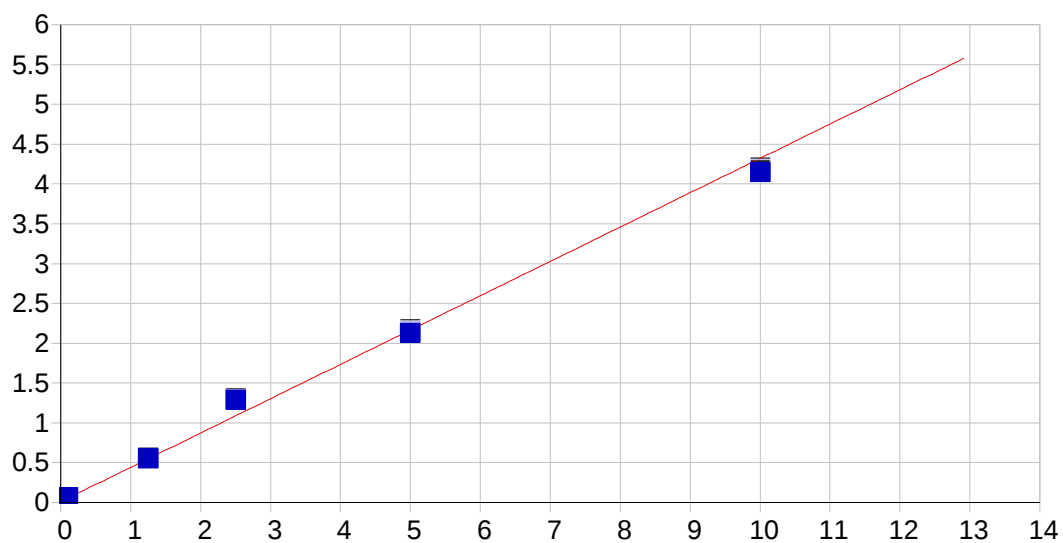


S 182.034 {485}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.025616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998817 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.004136
 Predicted MQL: 0.013787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.10000	.10211	.002	2.11	.00284	.000	1
S2	1.2500	1.1286	-.121	-9.72	.02915	.000	1
S3	2.5000	2.7624	.262	10.5	.07101	.000	1
S4	5.0000	4.8375	-.162	-3.25	.12419	.001	1
S5	10.000	10.019	.019	.194	.25697	.001	1

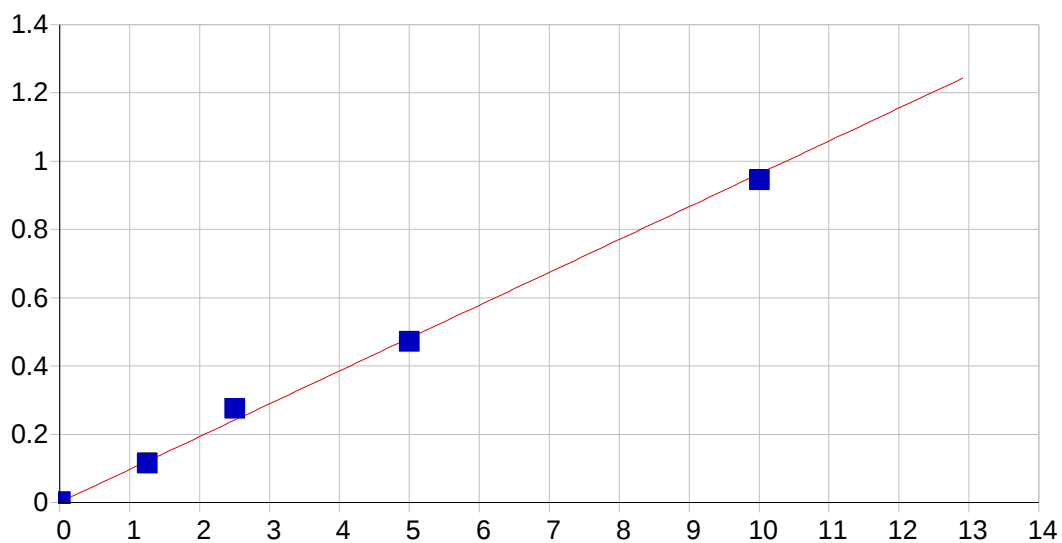


Si 251.611 {134}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009584 Re-Slope: 1.000000
 A1 (Gain): 0.431133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997233 Status: OK.
 Std Error of Est: 0.001722
 Predicted MDL: 0.001336
 Predicted MQL: 0.004452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00957	.001	1
S1	.10000	.11863	.019	18.6	.06088	.001	1
S2	1.2500	1.2583	.008	.664	.55649	.003	1
S3	2.5000	2.9616	.462	18.5	1.2953	.007	1
S4	5.0000	4.9146	-.085	-1.71	2.1461	.022	1
S5	10.000	9.5969	-.403	-4.03	4.1825	.021	1

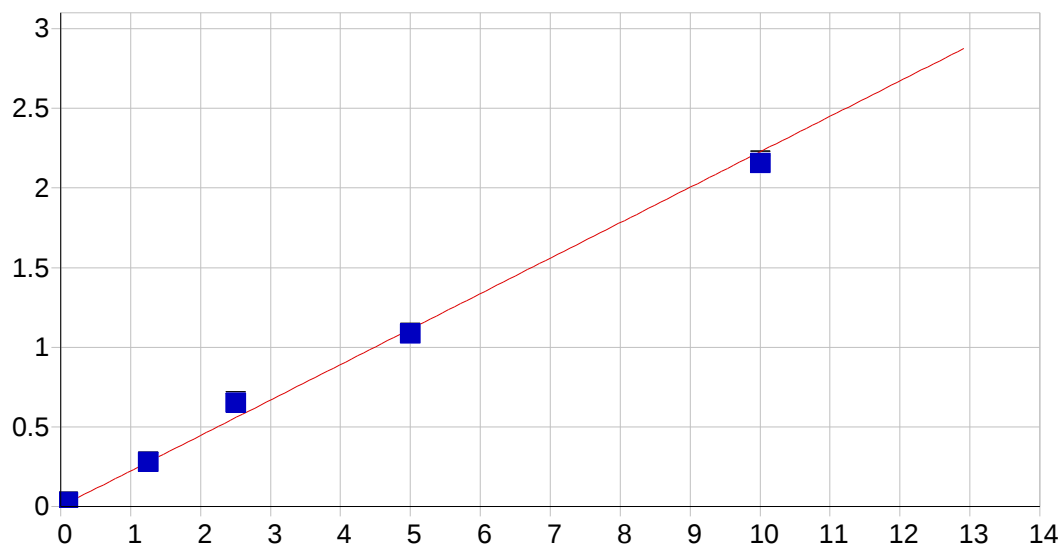


Sn 189.989 {478}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000377 Re-Slope: 1.000000
 A1 (Gain): 0.096268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998409 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001089
 Predicted MQL: 0.003630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.00700	.00613	-.001	-12.4	.00094	.000	1
S2	1.2500	1.1886	-.061	-4.91	.11454	.001	1
S3	2.5000	2.8558	.356	14.2	.27477	.000	1
S4	5.0000	4.8891	-.111	-2.22	.46998	.001	1
S5	10.000	9.8173	-.183	-1.83	.94334	.001	1

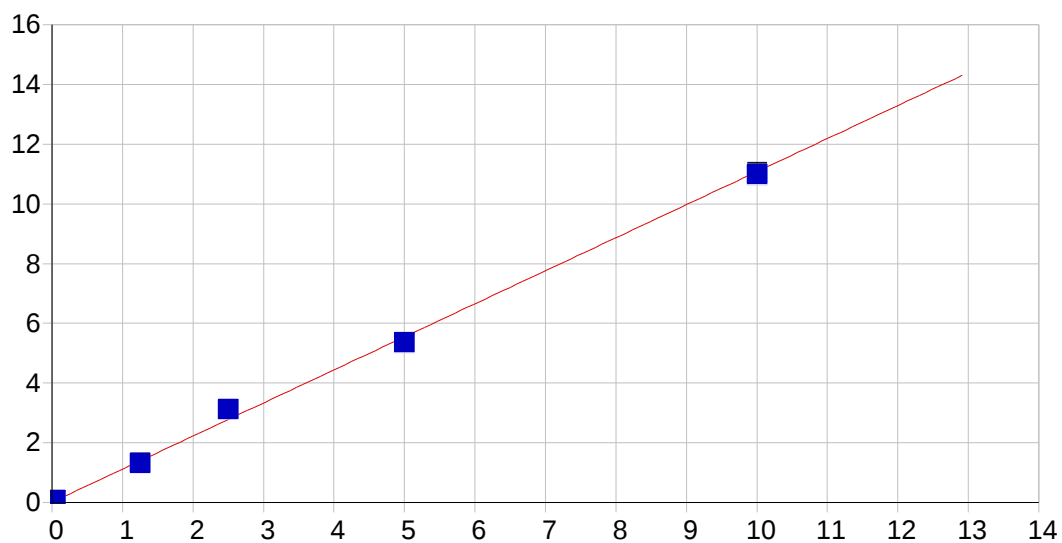


Ti 336.121 {100}

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000846	Re-Slope: 1.000000
A1 (Gain):	0.222596	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.997598	Status: OK.
Std Error of Est:	0.000821	
Predicted MDL:	0.002590	
Predicted MQL:	0.008634	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00084	.000	1
S1	.10000	.12318	.023	23.2	.02826	.000	1
S2	1.2500	1.2491	-.001	-.073	.27878	.001	1
S3	2.5000	2.9241	.424	17.0	.65152	.005	1
S4	5.0000	4.8779	-.122	-2.44	1.0862	.002	1
S5	10.000	9.6757	-.324	-3.24	2.1538	.015	1



Li 670.784 { 50 }

Date of Fit: 11/19/2018 14:28:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013363 Re-Slope: 1.000000
 A1 (Gain): 1.106596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998707 Status: OK.
 Std Error of Est: 0.002102
 Predicted MDL: 0.002040
 Predicted MQL: 0.006801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01336	.001	1
S5	10.000	9.9364	-.064	-.636	10.947	.056	1
S4	5.0000	4.8301	-.170	-3.40	5.3272	.013	1
S3	2.5000	2.8052	.305	12.2	3.1020	.011	1
S2	1.2500	1.1749	-.075	-6.00	1.3058	.002	1
S1	.05000	.05330	.003	6.60	.07223	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

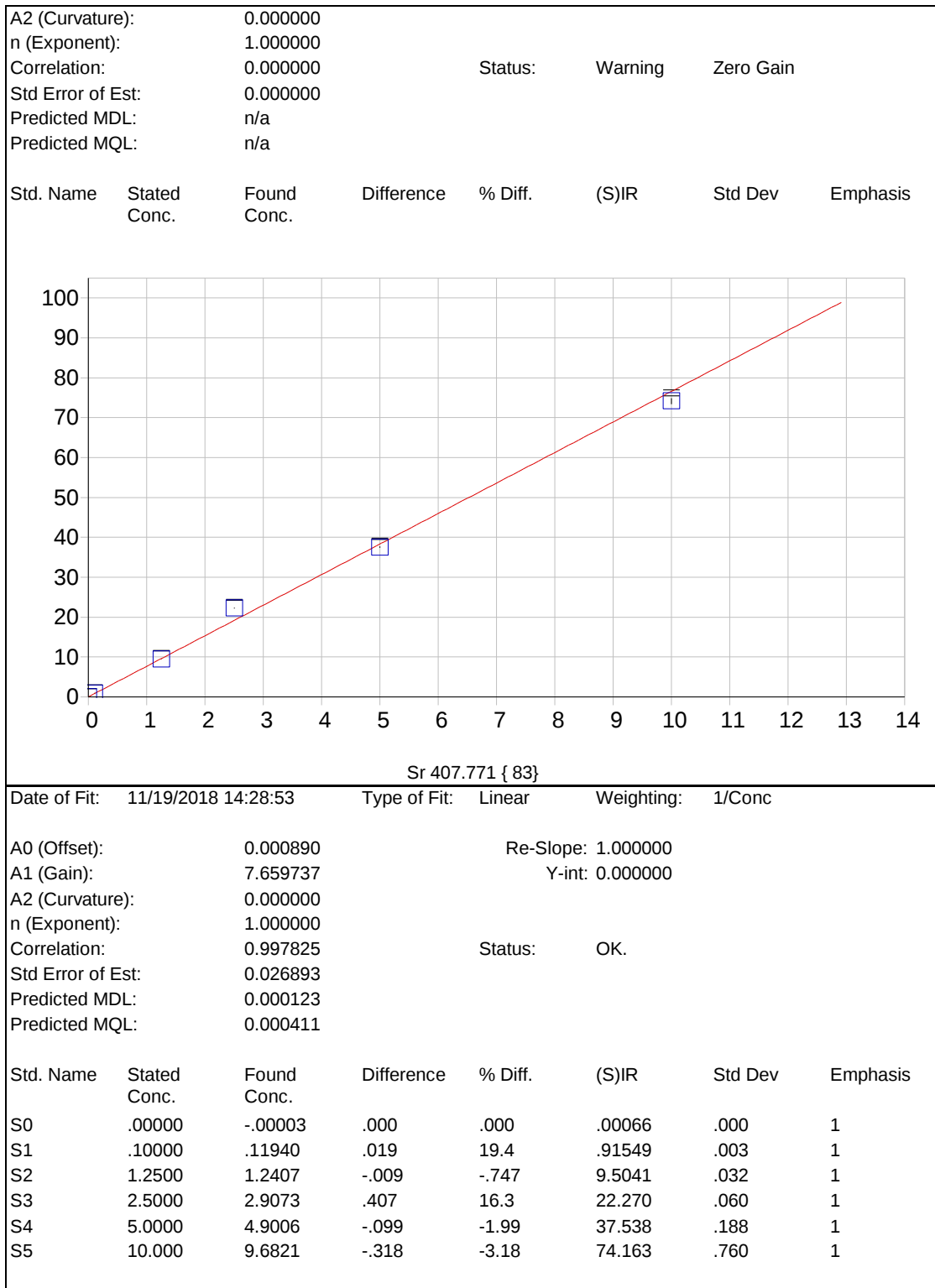
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 11/19/2018 11:19:50 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	-.00027	-.00029	-.00004	.00042	.00050	.00274	.01951	-.00346
Stddev	.00010	.00011	.00020	.00020	.00005	.00069	.00164	.00040
%RSD	37.960	37.308	523.64	46.943	9.8312	25.156	8.4330	11.569

#1	-.00031	-.00017	-.00010	.00042	.00045	.00247	.01837	-.00300
#2	-.00035	-.00033	-.00021	.00062	.00052	.00223	.02139	-.00375
#3	-.00015	-.00037	.00019	.00023	.00054	.00353	.01875	-.00362

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	.00055	.00277	.00000	.00006	.00129	.00005	.00013	-.00010
Stddev	.00014	.00101	.00011	.00006	.00012	.00015	.00021	.00017
%RSD	24.925	36.581	6447.7	99.675	9.5247	269.86	167.37	170.49

#1	.00040	.00177	-.00010	.00003	.00124	-.00002	.00022	-.00019
#2	.00057	.00273	.00000	.00012	.00121	-.00004	-.00012	-.00021
#3	.00067	.00380	.00011	.00002	.00144	.00022	.00027	.00010

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	-.00160	-.00113	.00162	-.00011	-.00033	.02262	-.00092	.00430
Stddev	.00016	.00005	.00201	.00013	.00006	.00057	.00003	.00022
%RSD	10.035	4.8630	124.07	117.18	16.702	2.5010	2.8313	5.1442

#1	-.00151	-.00112	.00330	-.00024	-.00040	.02250	-.00090	.00419
#2	-.00179	-.00107	-.00061	-.00011	-.00030	.02324	-.00095	.00456
#3	-.00151	-.00118	.00217	.00002	-.00030	.02213	-.00090	.00417

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	.00068	.00023	.00957	.00038	.00084	.01336	.00066	
Stddev	.00016	.00007	.00061	.00012	.00042	.00109	.00026	
%RSD	23.501	32.291	6.4039	31.899	50.623	8.1823	38.668	

#1	.00049	.00031	.00911	.00049	.00054	.01354	.00096	
#2	.00079	.00016	.00934	.00038	.00132	.01435	.00048	
#3	.00075	.00022	.01027	.00025	.00065	.01218	.00055	

Sample Name: S0 Acquired: 11/19/2018 11:19:50 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	2505.9	2882.8	55323.	5137.0	4286.5
Stddev	11.0	8.0	160.	111.5	11.8
%RSD	.44055	.27583	.28945	2.1710	.27439
#1	2506.3	2873.7	55152.	5264.2	4274.5
#2	2494.7	2886.0	55469.	5090.8	4287.1
#3	2516.7	2888.6	55350.	5056.0	4298.0

Sample Name: S1 Acquired: 11/19/2018 11:23:58 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	.00000	.00092	.00176	.00338	.01154	.01824	.73995	.04763
Stddev	.00007	.00010	.00019	.00022	.00016	.00078	.00486	.00065
%RSD	5956.1	11.012	10.711	6.5146	1.3507	4.2612	.65626	1.3562
#1	.00006	.00086	.00155	.00363	.01172	.01822	.73520	.04728
#2	-.00008	.00103	.00180	.00326	.01144	.01903	.74490	.04837
#3	.00002	.00086	.00192	.00324	.01146	.01748	.73975	.04723
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	.01513	.21560	.00176	.03917	.00329	.00138	.00318	.02178
Stddev	.00012	.00042	.00004	.00015	.00016	.00006	.00023	.00055
%RSD	.78667	.19669	2.2774	.38100	4.9875	4.6157	7.2444	2.5083
#1	.01512	.21561	.00172	.03900	.00338	.00135	.00341	.02178
#2	.01525	.21517	.00177	.03928	.00310	.00145	.00295	.02233
#3	.01501	.21602	.00180	.03923	.00339	.00134	.00320	.02124
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	.02371	.00107	.03947	.00276	.00099	.15697	-.00070	.00869
Stddev	.00010	.00009	.00099	.00018	.00028	.00131	.00005	.00025
%RSD	.43204	8.0231	2.5136	6.5310	28.626	.83442	6.7498	2.8432
#1	.02359	.00103	.04004	.00268	.00120	.15612	-.00076	.00841
#2	.02376	.00117	.04005	.00296	.00110	.15848	-.00067	.00877
#3	.02377	.00102	.03833	.00262	.00067	.15631	-.00068	.00889
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	.00963	.00284	.06088	.00094	.02826	.07223	.91549	
Stddev	.00021	.00005	.00066	.00010	.00008	.00198	.00290	
%RSD	2.1513	1.6100	1.0845	10.933	.29656	2.7343	.31695	
#1	.00951	.00289	.06015	.00084	.02816	.07438	.91307	
#2	.00951	.00280	.06144	.00094	.02831	.07049	.91470	
#3	.00987	.00284	.06104	.00104	.02830	.07184	.91871	

Sample Name: S1 Acquired: 11/19/2018 11:23:58 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	2776.1	3171.3	61506.	5693.4	4759.9
Stddev	17.3	3.2	75.	33.5	6.8
%RSD	.62268	.10220	.12184	.58835	.14314
#1	2757.1	3173.9	61428.	5718.6	4766.2
#2	2791.0	3172.2	61512.	5655.4	4760.9
#3	2780.0	3167.7	61578.	5706.3	4752.7

Sample Name: S2 Acquired: 11/19/2018 11:28:05 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	.03642	.05292	.99753	.08398	.18581	2.3455	7.3354	1.0393
Stddev	.00014	.00023	.00115	.00014	.00054	.0013	.0119	.0082
%RSD	.39318	.43666	.11482	.16111	.28978	.05665	.16223	.79190

#1	.03628	.05286	.99848	.08397	.18535	2.3471	7.3334	1.0355
#2	.03656	.05273	.99626	.08412	.18567	2.3447	7.3247	1.0338
#3	.03644	.05318	.99786	.08385	.18640	2.3448	7.3482	1.0488

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	1.4786	2.1365	.50580	.40472	.28448	.31952	.59795	.22818
Stddev	.0036	.0104	.00192	.00068	.00082	.00278	.00513	.00207
%RSD	.24443	.48490	.37895	.16726	.28786	.87006	.85817	.90779

#1	1.4799	2.1276	.50366	.40497	.28390	.32167	.59229	.23041
#2	1.4746	2.1340	.50640	.40395	.28413	.32050	.59926	.22783
#3	1.4814	2.1479	.50734	.40524	.28542	.31638	.60230	.22631

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	.31304	.05332	.23701	.02743	.08291	.88880	.02736	.66409
Stddev	.00131	.00021	.00203	.00024	.00087	.00357	.00004	.00542
%RSD	.41842	.40258	.85724	.87115	1.0460	.40125	.14309	.81683

#1	.31413	.05311	.23504	.02716	.08316	.88864	.02739	.65892
#2	.31159	.05332	.23910	.02761	.08363	.88532	.02731	.66361
#3	.31341	.05354	.23690	.02751	.08195	.89245	.02737	.66974

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	.92002	.02915	.55649	.11454	.27878	1.3058	9.5041
Stddev	.00139	.00024	.00308	.00060	.00134	.0017	.0321
%RSD	.15118	.82515	.55268	.51971	.47891	.13027	.33820

#1	.92119	.02900	.55311	.11431	.27925	1.3051	9.4863
#2	.92037	.02902	.55725	.11409	.27982	1.3046	9.4847
#3	.91848	.02942	.55912	.11521	.27728	1.3077	9.5412

Sample Name: S2 Acquired: 11/19/2018 11:28:05 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	2704.8	3070.1	61162.	5655.5	4487.0
Stddev	10.3	5.1	70.	28.4	12.3
%RSD	.38143	.16509	.11526	.50172	.27397
#1	2693.1	3064.5	61086.	5669.5	4480.2
#2	2709.1	3074.2	61176.	5674.2	4501.2
#3	2712.3	3071.7	61225.	5622.9	4479.7

Sample Name: S3 Acquired: 11/19/2018 11:32:00 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	.08722	.12469	2.3662	.19613	.44157	5.6025	17.393	2.4396
Stddev	.00008	.00032	.0028	.00022	.00040	.0396	.051	.0055
%RSD	.08860	.25398	.11825	.11053	.08979	.70659	.29211	.22725

#1	.08717	.12465	2.3632	.19637	.44197	5.6205	17.406	2.4446
#2	.08718	.12439	2.3668	.19596	.44117	5.6299	17.437	2.4405
#3	.08731	.12502	2.3687	.19606	.44158	5.5571	17.337	2.4336

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4896	4.9381	1.1724	.96254	.66620	.75680	1.3801	.54432
Stddev	.0012	.0177	.0022	.00273	.00207	.00890	.0112	.00684
%RSD	.03475	.35868	.19102	.28361	.31064	1.1765	.81182	1.2569

#1	3.4898	4.9177	1.1710	.96056	.66570	.75950	1.3700	.54516
#2	3.4883	4.9465	1.1750	.96141	.66847	.76404	1.3781	.55070
#3	3.4907	4.9500	1.1712	.96566	.66442	.74685	1.3922	.53710

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	.74566	.12725	.55490	.06581	.20015	2.0937	.06821	1.5780
Stddev	.00097	.00051	.00106	.00153	.00387	.0046	.00017	.0021
%RSD	.13017	.39972	.19102	2.3249	1.9357	.21895	.24822	.13528

#1	.74503	.12671	.55536	.06692	.19967	2.0967	.06802	1.5799
#2	.74517	.12730	.55566	.06644	.20424	2.0959	.06828	1.5785
#3	.74678	.12773	.55369	.06406	.19653	2.0884	.06834	1.5757

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	2.1809	.07101	1.2953	.27477	.65152	3.1020	22.270	
Stddev	.0026	.00012	.0074	.00023	.00485	.0112	.060	
%RSD	.12114	.16832	.56994	.08448	.74454	.36092	.26783	

#1	2.1839	.07101	1.3038	.27495	.65031	3.1083	22.220	
#2	2.1792	.07089	1.2917	.27451	.65686	3.1087	22.254	
#3	2.1796	.07113	1.2904	.27484	.64739	3.0891	22.336	

Sample Name: S3 Acquired: 11/19/2018 11:32:00 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	2284.3	2562.8	52533.	4876.3	3696.3
Stddev	10.0	6.0	209.	21.5	4.5
%RSD	.43616	.23237	.39793	.44027	.12067
#1	2280.1	2556.3	52321.	4853.4	3691.2
#2	2277.1	2564.2	52539.	4879.6	3699.0
#3	2295.7	2567.9	52739.	4896.0	3698.8

Sample Name: S4 Acquired: 11/19/2018 11:35:52 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	.15034	.20834	4.0509	.32587	.75391	9.5008	29.445	4.0557
Stddev	.00030	.00055	.0045	.00064	.00189	.0209	.061	.0436
%RSD	.19959	.26353	.11074	.19729	.25037	.21957	.20700	1.0750

#1	.15005	.20832	4.0463	.32515	.75310	9.4916	29.412	4.0962
#2	.15032	.20780	4.0552	.32608	.75256	9.5246	29.515	4.0095
#3	.15065	.20890	4.0513	.32639	.75607	9.4860	29.407	4.0613

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9068	8.2456	1.9434	1.6340	1.1151	1.2397	2.2793	.91858
Stddev	.0109	.0585	.0051	.0034	.0027	.0091	.0190	.00627
%RSD	.18417	.70905	.26419	.21117	.24256	.73683	.83346	.68246

#1	5.8971	8.2608	1.9456	1.6319	1.1133	1.2404	2.2917	.91626
#2	5.9046	8.1810	1.9375	1.6322	1.1137	1.2484	2.2574	.92568
#3	5.9186	8.2949	1.9471	1.6380	1.1182	1.2302	2.2887	.91380

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	1.2621	.22092	.93808	.10823	.33623	3.6092	.11954	2.6927
Stddev	.0037	.00054	.00368	.00071	.00366	.0079	.00044	.0319
%RSD	.29651	.24227	.39239	.65952	1.0887	.21935	.36786	1.1865

#1	1.2621	.22031	.93792	.10772	.33295	3.6107	.11924	2.7287
#2	1.2583	.22132	.94184	.10905	.34018	3.6006	.11933	2.6679
#3	1.2658	.22111	.93448	.10793	.33555	3.6162	.12004	2.6815

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.7083	.12419	2.1461	.46998	1.0862	5.3272	37.538	
Stddev	.0061	.00064	.0219	.00133	.0022	.0127	.188	
%RSD	.16447	.51339	1.0221	.28283	.19963	.23745	.50045	

#1	3.7018	.12392	2.1703	.46950	1.0869	5.3127	37.645	
#2	3.7091	.12373	2.1275	.46895	1.0838	5.3331	37.321	
#3	3.7139	.12492	2.1406	.47148	1.0880	5.3359	37.648	

Sample Name: S4 Acquired: 11/19/2018 11:35:52 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	2533.4	2791.4	59463.	5541.9	3977.3
Stddev	11.0	4.4	176.	34.8	2.8
%RSD	.43478	.15865	.29619	.62816	.07104
#1	2544.9	2792.9	59527.	5506.7	3974.6
#2	2523.0	2786.5	59264.	5576.3	3977.1
#3	2532.2	2795.0	59598.	5542.7	3980.2

Sample Name: S5 Acquired: 11/19/2018 11:39:40 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	.31152	.40450	8.1136	.64359	1.5586	19.353	58.161	7.9955
Stddev	.00078	.00050	.0045	.00194	.0029	.101	.955	.0312
%RSD	.25174	.12452	.05503	.30118	.18864	.52396	1.6419	.38982

#1	.31070	.40405	8.1170	.64161	1.5571	19.429	58.812	8.0214
#2	.31159	.40440	8.1086	.64367	1.5568	19.393	57.065	7.9609
#3	.31226	.40504	8.1153	.64549	1.5620	19.238	58.605	8.0041

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	11.650	16.422	3.7736	3.2592	2.2274	2.4150	4.4707	1.8499
Stddev	.008	.017	.0053	.0041	.0077	.0150	.0209	.0124
%RSD	.06860	.10595	.13966	.12576	.34682	.61956	.46738	.67028

#1	11.649	16.432	3.7792	3.2611	2.2314	2.4213	4.4649	1.8520
#2	11.643	16.402	3.7688	3.2545	2.2323	2.4258	4.4534	1.8611
#3	11.659	16.432	3.7729	3.2620	2.2185	2.3979	4.4939	1.8366

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5079	.45114	1.8844	.21413	.68256	7.3988	.24798	5.3913
Stddev	.0013	.00052	.0073	.00151	.00767	.0284	.00071	.0253
%RSD	.05216	.11609	.38960	.70591	1.1244	.38372	.28697	.46995

#1	2.5073	.45136	1.8902	.21463	.67687	7.4316	.24716	5.4157
#2	2.5070	.45054	1.8870	.21534	.69129	7.3827	.24830	5.3651
#3	2.5094	.45151	1.8762	.21244	.67952	7.3822	.24847	5.3932

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	7.5446	.25697	4.1825	.94334	2.1538	10.947	74.163	
Stddev	.0129	.00094	.0211	.00122	.0152	.056	.760	
%RSD	.17115	.36430	.50467	.12920	.70652	.50838	1.0254	

#1	7.5338	.25649	4.2023	.94352	2.1682	11.004	74.600	
#2	7.5412	.25805	4.1603	.94204	2.1554	10.943	73.285	
#3	7.5589	.25637	4.1848	.94445	2.1378	10.893	74.604	

Sample Name: S5 Acquired: 11/19/2018 11:39:40 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	2380.7	2564.6	57981.	5409.7	3661.5
Stddev	9.8	7.0	202.	31.9	9.1
%RSD	.41090	.27373	.34777	.59013	.24724
#1	2390.9	2565.2	57951.	5397.2	3655.8
#2	2371.3	2571.3	58196.	5446.0	3672.0
#3	2379.9	2557.3	57797.	5386.0	3656.9

Sample Name: S6 Acquired: 11/19/2018 11:43:44 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	55.123	28.072	6.8500	3.1465	5.5235
Stddev	.151	.098	.0328	.0215	.0095
%RSD	.27394	.34833	.47926	.68220	.17238

#1	54.948	28.177	6.8133	3.1220	5.5142
#2	55.211	28.054	6.8604	3.1561	5.5333
#3	55.209	27.984	6.8764	3.1616	5.5229

Int. Std.	Y_3710
Units	Cts/S
Avg	5062.6
Stddev	21.9
%RSD	.43248

#1	5058.2
#2	5043.3
#3	5086.4

Sample Name: ICV Acquired: 11/19/2018 12:01:18 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	.9610498	1.046188	.9092883	1.016195	.9653207	2.375067
Stddev	.0016355	.004576	.0042784	.004594	.0046858	.005665
%RSD	.1701780	.4373796	.4705234	.4521116	.4854098	.2385196

#1	.9594707	1.042898	.9050569	1.018048	.9646865	2.380632
#2	.9627364	1.044253	.9091959	1.010964	.9609842	2.375262
#3	.9609424	1.051414	.9136122	1.019574	.9702912	2.369307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4960521	.4784816	.4903882	9.672444	.5277666	.4750211
Stddev	.0019353	.0020918	.0019875	.013886	.0007117	.0016015
%RSD	.3901356	.4371741	.4053002	.1435643	.1348468	.3371472

#1	.4973295	.4799043	.4884601	9.659204	.5269457	.4731876
#2	.4938255	.4760799	.4902741	9.671232	.5281440	.4761464
#3	.4970013	.4794607	.4924303	9.686897	.5282100	.4757294

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5097678	5.115948	.4958237	5.504248	.4981354	.4521040
Stddev	.0031604	.046528	.0007357	.075109	.0021467	.0009299
%RSD	.6199615	.9094607	.1483735	1.364561	.4309565	.2056907

#1	.5128078	5.097790	.4960010	5.453375	.4958922	.4522240
#2	.5099961	5.081238	.4964545	5.590515	.4983436	.4529682
#3	.5064994	5.168817	.4950156	5.468854	.5001705	.4511199

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.436029	.5153087	.9934782	9.092408	F .0102108	F .0003900
Stddev	.223630	.0019880	.0113717	.054252	.0027308	.0002743
%RSD	2.369955	.3857979	1.144630	.5966751	26.74416	70.33453

#1	9.640631	.5166181	.9811938	9.121799	.0133070	.0001139
#2	9.470159	.5130211	1.003637	9.029802	.0081455	.0006625
#3	9.197296	.5162870	.995604	9.125623	.0091798	.0003935

Sample Name: ICV Acquired: 11/19/2018 12:01:18 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	F .0000403	F .0036463	F .0003597	F -.002186	F -.000608	F .0032332
Stddev	.0002102	.0030655	.0009627	.000129	.000972	.0017550
%RSD	521.2423	84.07102	267.6571	5.906764	159.8193	54.27984

#1	-.000142	.0005334	-.000087	-.002260	-.001021	.0049289
#2	.000270	.0066620	.001465	-.002037	-.001306	.0033463
#3	-.000007	.0037435	-.000299	-.002261	.000502	.0014244

Elem	Sr4077
Units	ppm
Avg	F .0110203
Stddev	.0000901
%RSD	.8177373

#1	.0109703
#2	.0109662
#3	.0111243

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.969	3061.317	60402.84	5622.490	4616.923
Stddev	12.686	6.672	248.85	32.894	7.990
%RSD	.4676010	.2179432	.4119881	.5850463	.1730589

#1	2721.357	3055.878	60675.42	5608.149	4619.911
#2	2719.175	3068.762	60345.30	5660.120	4622.989
#3	2698.375	3059.312	60187.80	5599.201	4607.870

Sample Name: ICB Acquired: 11/19/2018 12:05:17 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	.0002636	-.003275	.0000279	.0005328	.0008104	-.002769	-.001251
Stddev	.0033817	.001467	.0006723	.0016006	.0018959	.014768	.001163
%RSD	1282.687	44.78036	2407.056	300.4339	233.9327	533.2462	92.96343

#1	-.000645	-.004305	.0007816	.0010357	.0018570	-.010813	-.001820
#2	.004007	-.001596	-.000188	-.001259	.0019524	.014274	.000087
#3	-.002571	-.003924	-.000510	.001821	-.001378	-.011769	-.002018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000678	-.000058	.0006565	-.000032	-.000023	-.001262	.0080811
Stddev	.0000683	.000066	.0226768	.000331	.000235	.001419	.0189332
%RSD	100.6708	113.6708	3454.090	1038.122	1015.555	112.4689	234.2906

#1	.0000270	-.000120	.0261567	-.000292	-.000249	-.000244	-.006895
#2	.0000299	.000011	-.017246	-.000144	.000220	-.002882	.029362
#3	.0001467	-.000064	-.006942	.000341	-.000041	-.000658	.001776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000841	.0039749	-.000225	.0006286	.2644619	.0059006	.0072353
Stddev	.000720	.0482979	.000259	.0004949	.3948838	.0049140	.0063237
%RSD	85.54325	1215.066	115.1072	78.73917	149.3160	83.27882	87.40030

#1	-.000035	.0594361	-.000501	.0008035	.0856346	.0115723	.0008857
#2	-.001419	-.018683	.000014	.0010123	.7171231	.0029183	.0135327
#3	-.001070	-.028828	-.000189	.0000699	-.009372	.0032113	.0072875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018697	-.005686	.0002354	-.000029	-.002052	-.003595	-.000826
Stddev	.030685	.002016	.0009401	.000089	.002741	.000537	.000487
%RSD	164.1178	35.45290	399.4637	308.4819	133.5479	14.92909	58.91987

#1	-.017597	-.007556	-.000741	.000062	.000646	-.003087	-.000420
#2	-.049917	-.005951	.001134	-.000033	-.004834	-.003542	-.001366
#3	.011423	-.003551	.000313	-.000115	-.001969	-.004156	-.000692

Sample Name: ICB Acquired: 11/19/2018 12:05:17 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	-.002978	.0008294	-.000050
Stddev	.000560	.0010361	.000051
%RSD	18.81863	124.9212	102.4161

#1	-.002354	.0018708	-.000019
#2	-.003142	.0008186	-.000109
#3	-.003438	-.000201	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.284	2973.039	58575.89	5423.583	4469.757
Stddev	5.629	5.255	239.62	36.781	5.065
%RSD	.2137638	.1767645	.4090780	.6781607	.1133072

#1	2637.772	2969.371	58758.52	5406.050	4468.860
#2	2626.968	2979.059	58304.56	5398.850	4475.210
#3	2635.111	2970.687	58664.57	5465.850	4465.201

Sample Name: ICSA Acquired: 11/19/2018 12:14:11 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	-.008574	-.003080	-.001933	.0080087	.0041815	240.5736
Stddev	.005220	.001650	.001024	.0048635	.0016548	1.5559
%RSD	60.88845	53.55116	52.99771	60.72828	39.57390	.6467367

#1	-.009127	-.001226	-.003111	.0131192	.0028330	242.0739
#2	-.003099	-.004385	-.001255	.0074699	.0060282	238.9675
#3	-.013496	-.003630	-.001433	.0034370	.0036833	240.6794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036012	.0009734	-.000700	236.7161	.0500507	.0002993
Stddev	.0002904	.0000329	.000183	.3340	.0006925	.0000126
%RSD	8.064610	3.379623	26.08920	.1411054	1.383629	4.227107

#1	.0038806	.0009605	-.000898	236.7557	.0492746	.0002850
#2	.0033009	.0009490	-.000538	237.0285	.0502716	.0003041
#3	.0036220	.0010108	-.000663	236.3640	.0506058	.0003089

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009733	99.95291	.0113078	243.9969	.0001897	-.001032
Stddev	.004198	1.09764	.0009982	2.5096	.0003226	.000143
%RSD	43.12560	1.098156	8.827643	1.028541	170.0575	13.84290

#1	-.007346	101.0582	.0121203	246.1108	.0003352	-.001197
#2	-.014580	98.8631	.0116097	241.2234	-.000180	-.000950
#3	-.007274	99.9375	.0101935	244.6566	.000414	-.000949

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5806088	.0060056	.0094310	-.209056	-.010607	F -.030965
Stddev	.0251993	.0051415	.0116284	.059691	.004752	.002859
%RSD	4.340148	85.61269	123.3003	28.55259	44.79647	9.232529

#1	.6072168	.0002696	.0201993	-.235424	-.012448	-.030243
#2	.5775036	.0075471	.0109933	-.140722	-.005211	-.028537
#3	.5571061	.0102000	-.002900	-.251023	-.014163	-.034116

Sample Name: ICSA Acquired: 11/19/2018 12:14:11 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	.0012511	-.000468	-.005103	-.004494	-.000438	.0087138
Stddev	.0004951	.004820	.000873	.001894	.002700	.0020234
%RSD	39.57577	1028.926	17.11541	42.15403	616.4382	23.22073

#1	.0008683	.002378	-.006110	-.006067	-.000584	.0081005
#2	.0010746	.002250	-.004643	-.005024	.002332	.0070680
#3	.0018102	-.006034	-.004555	-.002391	-.003062	.0109729

Elem	Sr4077
Units	ppm
Avg	.0991954
Stddev	.0001527
%RSD	.1539310

#1	.0991857
#2	.0993527
#3	.0990478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.306	2900.040	59425.97	5583.812	4108.357
Stddev	21.175	8.750	195.96	48.067	7.133
%RSD	.8161941	.3017315	.3297478	.8608345	.1736231

#1	2587.882	2891.154	59293.85	5529.327	4100.151
#2	2577.088	2900.319	59332.94	5620.218	4111.842
#3	2617.949	2908.648	59651.11	5601.892	4113.078

Sample Name: ICSAB Acquired: 11/19/2018 12:18:16 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	.0941296	.0996721	.0451195	.0573651	.6436643	252.3151
Stddev	.0087938	.0019866	.0010659	.0040925	.0030934	.2458
%RSD	9.342261	1.993125	2.362364	7.134175	.4805964	.0974117

#1	.0901869	.1018447	.0463196	.0613322	.6471991	252.0321
#2	.1042049	.0979483	.0447556	.0531577	.6423424	252.4387
#3	.0879971	.0992232	.0442832	.0576055	.6414515	252.4747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5471702	.5265112	1.063233	245.7275	.6106256	.5181455
Stddev	.0013949	.0064992	.001863	1.5067	.0004749	.0013542
%RSD	.2549267	1.234393	.1752403	.6131624	.0777714	.2613541

#1	.5470592	.5335496	1.062281	246.0900	.6108540	.5181594
#2	.5458341	.5207369	1.062039	244.0726	.6100797	.5167844
#3	.5486173	.5252469	1.065380	247.0199	.6109431	.5194926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5340654	105.7819	.5279750	258.6643	1.072066	.2070164
Stddev	.0051345	.6071	.0042396	1.0154	.001352	.0010379
%RSD	.9614032	.5739281	.8029913	.3925721	.1260704	.5013399

#1	.5311719	105.3330	.5314020	257.5350	1.071200	.2061545
#2	.5310307	106.4726	.5232340	259.5021	1.071375	.2081684
#3	.5399937	105.5400	.5292891	258.9560	1.073623	.2067262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3758799	.5500130	1.055436	-.246922	.0082105	F .0874616
Stddev	.3841935	.0160934	.009392	.042501	.0028223	.0019379
%RSD	102.2118	2.926011	.8898369	17.21237	34.37421	2.215716

#1	.6673361	.5369224	1.044595	-.227195	.0114497	.0853650
#2	-.059494	.5451358	1.061082	-.217869	.0062807	.0891872
#3	.519797	.5679810	1.060632	-.295702	.0069012	.0878325

Sample Name: ICSAB Acquired: 11/19/2018 12:18:16 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 .1222483	.0026402	.1212634	F .1211970	.1234306	.0080258
Stddev	.0005606	.0039966	.0004172	.0017736	.0038048	.0019676
%RSD	.4585318	151.3749	.3440573	1.463390	3.082563	24.51574

#1	.1216011	.0047573	.1217020	.1201796	.1277139	.0063148
#2	.1225627	-.001970	.1208714	.1201665	.1204424	.0075868
#3	.1225811	.005133	.1212170	.1232449	.1221356	.0101758

Elem	Sr4077
Units	ppm
Avg	.1028807
Stddev	.0004206
%RSD	.4088329

#1	.1030294
#2	.1024060
#3	.1032069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.334	2766.887	56878.96	5321.454	3919.741
Stddev	17.593	5.633	196.93	39.785	7.733
%RSD	.7044535	.2035724	.3462248	.7476382	.1972909

#1	2517.272	2760.701	57093.13	5278.340	3911.408
#2	2483.997	2768.242	56705.69	5356.750	3926.687
#3	2490.731	2771.719	56838.08	5329.271	3921.128

Sample Name: CCV013 Acquired: 11/19/2018 12:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.297204	5.219149	25.40705	5.365654	5.438539	388.8088
Stddev	.038160	.023370	.02064	.014743	.029465	1.8610
%RSD	.7203721	.4477779	.0812245	.2747627	.5417875	.4786454

#1	5.327752	5.233131	25.42596	5.377740	5.457362	390.3407
#2	5.309430	5.232146	25.41016	5.369992	5.453673	389.3479
#3	5.254430	5.192169	25.38504	5.349228	5.404582	386.7377

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83840	.5122311	2.587909	382.2373	16.11023	2.600796
Stddev	.04264	.0034378	.006777	.5654	.00906	.006709
%RSD	.3933882	.6711381	.2618624	.1479285	.0562433	.2579402

#1	10.86296	.5148824	2.594644	381.8360	16.10973	2.607213
#2	10.86308	.5134640	2.587993	382.8840	16.10143	2.601346
#3	10.78917	.5083469	2.581091	381.9920	16.11953	2.593830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97777	385.0126	15.24315	394.7135	2.684101	1.304830
Stddev	.03372	2.7875	.04989	3.5010	.011763	.005520
%RSD	.2110387	.7240018	.3272626	.8869809	.4382493	.4230644

#1	16.00688	388.1228	15.18815	397.4996	2.693524	1.299222
#2	15.98563	384.1755	15.28547	395.8573	2.687862	1.305010
#3	15.94082	382.7396	15.25584	390.7836	2.670917	1.310258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	373.4930	2.677026	16.23865	162.6910	F 5.645718	4.997459
Stddev	1.9422	.026230	.08795	.8164	.023259	.037269
%RSD	.5200192	.9798347	.5416073	.5017913	.4119832	.7457527

#1	375.0340	2.702202	16.18348	162.6140	5.663575	5.027456
#2	374.1336	2.679021	16.19239	163.5432	5.654164	5.009183
#3	371.3114	2.649855	16.34007	161.9160	5.619416	4.955738

Sample Name: CCV013 Acquired: 11/19/2018 12:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.237400	5.452371	5.080513	5.330787	5.166823	5.395587
Stddev	.017533	.009804	.036469	.024580	.022828	.021812
%RSD	.3347580	.1798194	.7178223	.4610997	.4418125	.4042629

#1	5.249573	5.462936	5.109296	5.353569	5.188754	5.410879
#2	5.245322	5.450610	5.092742	5.334057	5.168520	5.405272
#3	5.217304	5.443566	5.039501	5.304736	5.143194	5.370609

Elem	Sr4077
Units	ppm
Avg	5.318571
Stddev	.019545
%RSD	.3674910

#1	5.314829
#2	5.339717
#3	5.301167

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.932	2160.453	47681.66	4612.324	3064.213
Stddev	5.145	15.436	58.67	25.102	19.108
%RSD	.2605300	.7144650	.1230385	.5442366	.6235823

#1	1980.798	2146.085	47746.18	4595.587	3044.956
#2	1971.185	2158.502	47631.52	4600.199	3064.515
#3	1972.812	2176.771	47667.29	4641.187	3083.168

Sample Name: CCB013 Acquired: 11/19/2018 12:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001661	-.004499	-.001186	.0023766	.0015520	.0087139
Stddev	.005305	.002404	.000398	.0005610	.0012664	.0212529
%RSD	319.3175	53.42338	33.56143	23.60448	81.59683	243.8959

#1	-.007752	-.003064	-.001409	.0028183	.0025736	.0239772
#2	.000814	-.007274	-.000726	.0017454	.0019474	-.015560
#3	.001954	-.003159	-.001422	.0025661	.0001351	.017724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002365	.0000563	-.000043	-.001386	.0001339	.0000437
Stddev	.000476	.0000268	.000079	.031335	.0001604	.0001316
%RSD	20.14424	47.70082	183.1930	2260.581	119.7340	300.7216

#1	-.001955	.0000319	.000014	.028783	-.000024	.0001955
#2	-.002888	.0000519	-.000010	-.033769	.000297	-.000027
#3	-.002253	.0000850	-.000133	.000828	.000129	-.000037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034452	.0095512	.0002920	.0405911	-.000511	.0012405
Stddev	.0026572	.0146332	.0027882	.0452298	.000388	.0002594
%RSD	77.12925	153.2082	955.0211	111.4280	75.97797	20.91054

#1	.0052200	.0264440	-.002583	.0067061	-.000495	.0013154
#2	.0003902	.0014307	.002984	.0919514	-.000131	.0009519
#3	.0047254	.0007789	.000475	.0231157	-.000907	.0014542

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066730	.0010865	.0024296	.4165727	-.004280	F .0171621
Stddev	.179613	.0055983	.0104350	.0672804	.002600	.0018501
%RSD	269.1649	515.2418	429.4940	16.15094	60.72981	10.78012

#1	-.007370	-.001473	-.009096	.4293906	-.001556	.0191202
#2	.075690	.007507	.005151	.3438054	-.006734	.0169228
#3	-.268509	-.002774	.011234	.4765221	-.004551	.0154434

Sample Name: CCB013 Acquired: 11/19/2018 12:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002323	-.000716	-.001148	.0010448	.0002206	.0144038
Stddev	.0001492	.005917	.001236	.0010023	.0006258	.0018451
%RSD	64.21994	826.6195	107.6568	95.93281	283.7154	12.80967

#1	.0001164	.003622	-.001243	.0008816	.0004213	.0153488
#2	.0001800	-.007456	.000133	.0001341	.0007215	.0122776
#3	.0004006	.001687	-.002333	.0021187	-.000481	.0155849

Elem	Sr4077
Units	ppm
Avg	-.000122
Stddev	.000104
%RSD	85.23477

#1	-.000055
#2	-.000241
#3	-.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.988	2498.146	50241.89	4795.425	3746.885
Stddev	3.788	4.549	35.83	32.988	8.062
%RSD	.1708640	.1820827	.0713106	.6879025	.2151584

#1	2219.467	2492.920	50282.78	4757.700	3739.302
#2	2212.627	2501.214	50226.93	4809.725	3755.353
#3	2218.869	2500.303	50215.97	4818.850	3746.001

Sample Name: J5871-19 Acquired: 11/19/2018 12:49:30 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	.0602030	-.016643	.6389414	.0178462	.0100876	142.8812	2.380996
Stddev	.0016923	.004485	.0010402	.0024931	.0004636	.6379	.004639
%RSD	2.810936	26.94869	.1627953	13.97002	4.596165	.4464234	.1948133

#1	.0598320	-.011836	.6377427	.0195041	.0097843	142.6379	2.382023
#2	.0620500	-.020716	.6396058	.0149791	.0098572	142.4008	2.375929
#3	.0587270	-.017378	.6394757	.0190555	.0106213	143.6049	2.385034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095664	.0053139	66.75075	.1267161	.0910743	.2594762	172.8689
Stddev	.0000550	.0001191	.43896	.0004558	.0003288	.0017127	2.0437
%RSD	.5744719	2.241535	.6576043	.3597382	.3610263	.6600565	1.182199

#1	.0095168	.0053433	66.56119	.1271979	.0914313	.2586182	172.5410
#2	.0095570	.0054154	67.25263	.1262917	.0910078	.2583622	171.0090
#3	.0096255	.0051828	66.43843	.1266585	.0907838	.2614483	175.0566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.963928	32.40357	.1251062	.0039059	2.705148	.3384984	.9458953
Stddev	.040389	.44330	.0002997	.0004629	.246113	.0054385	.0257376
%RSD	.6772150	1.368073	.2395847	11.85095	9.097933	1.606655	2.720980

#1	5.964075	32.19980	.1251277	.0039691	2.857809	.3446007	.9305795
#2	6.004243	32.09880	.1247963	.0034146	2.836405	.3341630	.9314967
#3	5.923466	32.91212	.1253946	.0043338	2.421231	.3367316	.9756099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.04967	18.66901	.0068338	.0034568	2.930342	3.721733	.0084844
Stddev	.10777	.05751	.0040404	.0005215	.008280	.007180	.0008010
%RSD	.3586487	.3080410	59.12360	15.08738	.2825707	.1929129	9.440669

#1	29.94192	18.68483	.0031696	.0039112	2.936088	3.728463	.0092307
#2	30.04963	18.71696	.0061649	.0035719	2.934088	3.722562	.0076381
#3	30.15746	18.60525	.0111669	.0028873	2.920851	3.714175	.0085845

Sample Name: J5871-19 Acquired: 11/19/2018 12:49:30 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	4.672696	.1660531	.4466100
Stddev	.018116	.0016091	.0005319
%RSD	.3877015	.9690267	.1190886

#1	4.652295	.1670952	.4467039
#2	4.678892	.1641999	.4470887
#3	4.686901	.1668643	.4460375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.809	2863.898	59454.24	5757.011	3634.493
Stddev	2.625	7.361	11.68	5.662	11.052
%RSD	.1022423	.2570324	.0196476	.0983518	.3040735

#1	2570.825	2855.669	59466.88	5751.473	3623.669
#2	2566.562	2866.166	59452.03	5762.790	3634.053
#3	2566.039	2869.857	59443.83	5756.770	3645.759

Sample Name: J5872-01 Acquired: 11/19/2018 12:53:33 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	.0753888	-.008275	.2424794	.0178107	.0050442	176.7661	2.325743
Stddev	.0025644	.003152	.0026571	.0021902	.0008989	.5197	.007658
%RSD	3.401628	38.09717	1.095803	12.29707	17.82038	.2940157	.3292537

#1	.0761933	-.009566	.2434060	.0202393	.0045827	177.2094	2.334545
#2	.0774545	-.004682	.2394830	.0159854	.0044698	176.1941	2.322062
#3	.0725186	-.010577	.2445490	.0172074	.0060802	176.8949	2.320620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111308	.0029060	40.75880	.1764722	.1310329	.2330270	205.6031
Stddev	.0001103	.0000785	.07353	.0008039	.0003280	.0054682	.9469
%RSD	.9905727	2.700961	.1803911	.4555339	.2503151	2.346613	.4605579

#1	.0112233	.0029643	40.82844	.1772995	.1311716	.2352687	206.5062
#2	.0110088	.0029369	40.76604	.1764231	.1306583	.2370181	204.6178
#3	.0111603	.0028167	40.68192	.1756939	.1312687	.2267941	205.6852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.241099	40.49900	.2031163	.0002150	2.056055	.3624425	.6095489
Stddev	.064584	.19007	.0007903	.0004953	.098763	.0127622	.0094528
%RSD	.6988732	.4693288	.3890784	230.4289	4.803500	3.521166	1.550791

#1	9.213106	40.49280	.2022338	-.000238	2.033152	.3627592	.5992135
#2	9.314957	40.31210	.2037587	.000744	1.970756	.3495249	.6177564
#3	9.195235	40.69209	.2033563	.000139	2.164257	.3750434	.6116768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.04411	5.737401	.0121752	.0039220	2.298361	2.650948	.0076107
Stddev	.11812	.004714	.0015082	.0000243	.018205	.010419	.0017471
%RSD	.3025273	.0821572	12.38733	.6188330	.7920838	.3930432	22.95620

#1	39.07138	5.740171	.0104380	.0039102	2.284841	2.651397	.0056648
#2	38.91474	5.731959	.0131493	.0039058	2.291180	2.640312	.0090447
#3	39.14620	5.740074	.0129384	.0039499	2.319061	2.661136	.0081227

Sample Name: J5872-01 Acquired: 11/19/2018 12:53:33 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	2.586186	.2015575	.3679251
Stddev	.012081	.0018384	.0011064
%RSD	.4671240	.9120974	.3007216

#1	2.596234	.2036793	.3676445
#2	2.589543	.2005537	.3691448
#3	2.572782	.2004394	.3669860

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.156	2809.502	58058.87	5633.039	3502.037
Stddev	10.621	7.379	129.73	39.347	8.770
%RSD	.4232706	.2626434	.2234500	.6985108	.2504130

#1	2511.755	2806.216	58029.11	5609.422	3495.836
#2	2518.235	2804.337	58200.89	5678.461	3498.204
#3	2497.477	2817.954	57946.59	5611.233	3512.070

Sample Name: J5872-02 Acquired: 11/19/2018 12:57:36 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	.0703455	-.009509	.3620816	.0145881	.0082999	148.9234	1.871700
Stddev	.0021018	.003294	.0047238	.0034738	.0009357	.1808	.005260
%RSD	2.987811	34.64711	1.304634	23.81249	11.27400	.1213729	.2810422

#1	.0715593	-.009500	.3612034	.0169078	.0073872	149.0422	1.875886
#2	.0679185	-.006219	.3671829	.0105943	.0082553	149.0126	1.873419
#3	.0715585	-.012807	.3578585	.0162622	.0092571	148.7154	1.865796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095794	.0042677	37.73392	.1548251	.1097821	.2250667	174.1594
Stddev	.0000986	.0000208	.13270	.0008779	.0002549	.0024971	.2316
%RSD	1.029506	.4884870	.3516761	.5670105	.2321924	1.109504	.1329555

#1	.0096888	.0042634	37.71497	.1557923	.1098928	.2241703	173.9784
#2	.0094973	.0042904	37.87508	.1540788	.1094906	.2231415	174.4204
#3	.0095522	.0042494	37.61171	.1546043	.1099630	.2278883	174.0795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.499680	35.68431	.1728674	.0002242	2.711791	.3099701	.6201139
Stddev	.029964	.32990	.0014096	.0005158	.208443	.0126638	.0053658
%RSD	.3995415	.9244955	.8154274	230.0257	7.686551	4.085495	.8652879

#1	7.506868	35.96107	.1720733	-.000263	2.934549	.3245373	.6259945
#2	7.466775	35.77264	.1720341	.000764	2.679360	.3015819	.6188636
#3	7.525396	35.31925	.1744950	.000172	2.521464	.3037912	.6154837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.73280	5.837144	.0174651	.0036819	2.215229	10.02893	.0078909
Stddev	.08707	.016796	.0020081	.0003464	.004543	.02987	.0008811
%RSD	.2307606	.2877399	11.49768	9.408040	.2051021	.2978566	11.16656

#1	37.73619	5.824897	.0154797	.0035692	2.210468	10.05319	.0073279
#2	37.81814	5.830244	.0174206	.0034059	2.215699	10.03803	.0089064
#3	37.64409	5.856291	.0194952	.0040706	2.219519	9.99557	.0074385

Sample Name: J5872-02 Acquired: 11/19/2018 12:57:36 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	2.888136	.1692719	.3422935
Stddev	.013323	.0013633	.0004356
%RSD	.4612844	.8053882	.1272595

#1	2.881010	.1694821	.3426043
#2	2.903506	.1678157	.3424807
#3	2.879891	.1705179	.3417956

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.566	2827.051	57810.08	5660.570	3600.110
Stddev	28.806	1.949	462.64	15.572	2.016
%RSD	1.150612	.0689302	.8002745	.2750888	.0560057

#1	2473.129	2826.650	57331.26	5644.407	3597.937
#2	2530.403	2825.334	58254.64	5675.474	3601.921
#3	2507.168	2829.169	57844.36	5661.829	3600.471

Sample Name: J5872-03 Acquired: 11/19/2018 13:01:42 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	.0597841	-.010088	.5010761	.0181254	.0085253	151.1896	2.067860
Stddev	.0027889	.000916	.0225695	.0031211	.0010567	.1349	.001937
%RSD	4.664993	9.081627	4.504210	17.21959	12.39536	.0892431	.0936946

#1	.0614402	-.009211	.5160892	.0149204	.0084738	151.0405	2.068502
#2	.0613479	-.011039	.5120179	.0183005	.0074952	151.3033	2.069394
#3	.0565642	-.010015	.4751213	.0211552	.0096068	151.2251	2.065683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092249	.0075328	39.56187	.1513596	.1085894	.2813250	174.0201
Stddev	.0001009	.0005679	.18962	.0007694	.0049050	.0036213	.3011
%RSD	1.093318	7.539388	.4793008	.5083158	4.517049	1.287230	.1730043

#1	.0093382	.0078663	39.34755	.1511224	.1115405	.2853864	173.7503
#2	.0091916	.0078552	39.63025	.1507367	.1113004	.2801563	173.9652
#3	.0091449	.0068771	39.70783	.1522196	.1029272	.2784324	174.3449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.770798	36.04984	.1564948	.0021521	1.627751	.2777861	.8347079
Stddev	.043282	.13218	.0067859	.0003627	.182283	.0091235	.0105136
%RSD	.4934796	.3666588	4.336214	16.85155	11.19846	3.284345	1.259561

#1	8.723272	36.02816	.1594930	.0018885	1.476320	.2798259	.8286804
#2	8.807952	35.92983	.1612652	.0020022	1.830071	.2678154	.8468479
#3	8.781168	36.19151	.1487261	.0025657	1.576862	.2857170	.8285953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.03871	7.265256	.0223419	.0039720	2.360810	3.501632	.0072016
Stddev	.09720	.330573	.0017217	.0010993	.099557	.020291	.0012673
%RSD	.2312102	4.550051	7.706094	27.67668	4.217077	.5794758	17.59780

#1	42.03299	7.467970	.0215709	.0041681	2.424676	3.519665	.0081799
#2	41.94451	7.444005	.0211405	.0049601	2.411656	3.479660	.0076549
#3	42.13865	6.883795	.0243143	.0027878	2.246097	3.505570	.0057699

Sample Name: J5872-03 Acquired: 11/19/2018 13:01:42 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	2.849118	.1703524	.3778744
Stddev	.006980	.0018585	.0010215
%RSD	.2450053	1.090945	.2703171

#1	2.841514	.1682742	.3772468
#2	2.855236	.1718549	.3790531
#3	2.850602	.1709280	.3773234

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.751	2948.945	59710.34	5771.123	3785.956
Stddev	11.333	98.291	186.46	28.612	152.199
%RSD	.4396583	3.333104	.3122760	.4957841	4.020094

#1	2585.529	2890.694	59846.06	5745.538	3693.576
#2	2564.747	2893.712	59497.73	5802.019	3702.670
#3	2582.975	3062.429	59787.23	5765.812	3961.622

Sample Name: J5872-04 Acquired: 11/19/2018 13:05:44 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	.0683098	-.005570	.3760996	.0175364	.0073011	145.3470	2.110252
Stddev	.0032658	.003144	.0035845	.0022426	.0025976	.3402	.011458
%RSD	4.780812	56.44990	.9530833	12.78842	35.57758	.2340567	.5429517

#1	.0719134	-.002016	.3723348	.0156966	.0102581	145.7157	2.118982
#2	.0674703	-.006706	.3764923	.0200345	.0062575	145.2798	2.114497
#3	.0655458	-.007989	.3794716	.0168780	.0053877	145.0454	2.097278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093586	.0058404	38.18945	.1477283	.1169176	.2572854	175.5102
Stddev	.0000481	.0002476	.27002	.0004177	.0010364	.0066889	1.2142
%RSD	.5136778	4.239437	.7070561	.2827600	.8863992	2.599817	.6918278

#1	.0093055	.0055842	38.20583	.1481087	.1157390	.2525095	176.8129
#2	.0093992	.0060784	38.45091	.1472813	.1173275	.2649302	174.4099
#3	.0093712	.0058586	37.91161	.1477950	.1176864	.2544164	175.3079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.993371	34.81997	.1657931	.0003743	1.765052	.2707146	.7189491
Stddev	.049736	.13842	.0012108	.0003382	.196296	.0025077	.0292590
%RSD	.5530259	.3975349	.7302777	90.35670	11.12126	.9263173	4.069696

#1	8.976629	34.90563	.1644493	.0003239	1.543233	.2728568	.7504364
#2	9.049318	34.66028	.1661310	.0000641	1.916326	.2679563	.7138124
#3	8.954167	34.89401	.1667991	.0007350	1.835596	.2713306	.6925986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.51396	9.142404	.0155520	.0044622	2.485723	4.565135	.0084107
Stddev	.10602	.067182	.0025919	.0003295	.022043	.026908	.0013815
%RSD	.2493666	.7348385	16.66602	7.384711	.8868013	.5894272	16.42476

#1	42.52310	9.065704	.0184677	.0042771	2.461711	4.578642	.0068523
#2	42.61511	9.170686	.0135094	.0042667	2.505043	4.582613	.0094847
#3	42.40368	9.190820	.0146790	.0048426	2.490416	4.534148	.0088953

Sample Name: J5872-04 Acquired: 11/19/2018 13:05:44 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	2.730770	.1677607	.3546102
Stddev	.013135	.0020759	.0018077
%RSD	.4810014	1.237398	.5097702

#1	2.742248	.1695287	.3548664
#2	2.733615	.1654750	.3562761
#3	2.716445	.1682784	.3526880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.795	2811.015	58089.03	5600.907	3588.221
Stddev	6.244	8.551	124.30	30.444	21.335
%RSD	.2491872	.3041887	.2139806	.5435544	.5945915

#1	2504.500	2820.561	58162.67	5580.448	3609.253
#2	2512.585	2808.428	57945.51	5586.380	3588.816
#3	2500.300	2804.056	58158.89	5635.894	3566.595

Sample Name: J5872-05 Acquired: 11/19/2018 13:09:49 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	.0486414	-.012063	.1853671	.0135016	.0057663	129.0312	1.615542
Stddev	.0036181	.001649	.0028001	.0043926	.0010353	3.2089	.043781
%RSD	7.438325	13.66735	1.510573	32.53377	17.95463	2.486886	2.710000

#1	.0508550	-.013048	.1828349	.0154515	.0045760	130.2088	1.635803
#2	.0506030	-.010159	.1883743	.0165816	.0062650	125.3999	1.565300
#3	.0444661	-.012980	.1848920	.0084716	.0064579	131.4848	1.645522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090085	.0016622	45.77330	.1509373	.0880593	.1713337	156.0298
Stddev	.0002344	.0001294	1.27827	.0014332	.0005546	.0039657	3.0010
%RSD	2.601546	7.784262	2.792603	.9495625	.6297983	2.314606	1.923324

#1	.0090006	.0015157	46.32039	.1503790	.0874226	.1756297	157.1453
#2	.0087782	.0017607	44.31254	.1525657	.0883181	.1678128	152.6308
#3	.0092467	.0017102	46.68697	.1498672	.0884372	.1705585	158.3132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.801851	40.96213	.1611823	-.000356	1.736936	.2610208	.4447197
Stddev	.147598	.73229	.0006665	.000289	.172783	.0109181	.0194322
%RSD	3.073765	1.787721	.4134835	81.04477	9.947563	4.182861	4.369542

#1	4.859724	41.33427	.1604140	-.000657	1.930280	.2612846	.4629423
#2	4.634087	40.11851	.1616050	-.000081	1.597631	.2499731	.4242698
#3	4.911743	41.43363	.1615279	-.000331	1.682896	.2718046	.4469470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.78997	8.391625	.0106478	.0021919	1.905880	10.38779	.0046907
Stddev	1.06411	.024623	.0004149	.0004202	.005521	.23810	.0020606
%RSD	3.149191	.2934213	3.896167	19.17123	.2896668	2.292145	43.92966

#1	34.15909	8.363808	.0108668	.0026048	1.908623	10.44490	.0067599
#2	32.59045	8.400439	.0101693	.0022061	1.909493	10.12633	.0026388
#3	34.62037	8.410627	.0109072	.0017648	1.899525	10.59215	.0046732

Sample Name: J5872-05 Acquired: 11/19/2018 13:09:49 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	1.748459	.1165317	.4050532
Stddev	.044182	.0031763	.0122517
%RSD	2.526919	2.725702	3.024704

#1	1.764480	.1189869	.4105856
#2	1.698502	.1129445	.3910110
#3	1.782396	.1176638	.4135630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.867	2784.617	57217.74	5680.828	3565.630
Stddev	11.943	8.195	262.57	126.877	14.388
%RSD	.4798551	.2942950	.4588953	2.233424	.4035239

#1	2481.412	2793.423	57134.83	5638.281	3581.211
#2	2482.546	2783.213	57006.64	5823.510	3562.832
#3	2502.642	2777.214	57511.76	5580.693	3552.846

Sample Name: J5872-06 Acquired: 11/19/2018 13:13:51 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	.0576086	-.011960	.2534665	.0160519	.0066942	138.2194	1.715867
Stddev	.0003247	.002365	.0012349	.0027833	.0017658	.5061	.005373
%RSD	.5635986	19.77585	.4871949	17.33910	26.37720	.3661450	.3131502

#1	.0578236	-.009821	.2531086	.0145357	.0062565	137.6769	1.709968
#2	.0577672	-.011560	.2548408	.0143559	.0051885	138.6787	1.720482
#3	.0572351	-.014500	.2524500	.0192640	.0086377	138.3027	1.717150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091092	.0025979	68.32473	.1426378	.0899160	.1941937	156.2685
Stddev	.0000195	.0000991	.48091	.0005147	.0001897	.0045980	.9700
%RSD	.2143796	3.814077	.7038626	.3608364	.2110102	2.367751	.6207195

#1	.0091294	.0025664	67.85871	.1432200	.0897952	.1898477	155.5492
#2	.0090904	.0025184	68.29620	.1422431	.0901347	.1990079	157.3717
#3	.0091078	.0027089	68.81927	.1424505	.0898182	.1937256	155.8846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.204604	43.49838	.1670177	.0005927	1.545485	.2481272	.5251176
Stddev	.042724	.29388	.0008973	.0007439	.260847	.0032958	.0088319
%RSD	.8208968	.6756170	.5372292	125.5157	16.87800	1.328270	1.681895

#1	5.167122	43.21375	.1667514	-.000211	1.244312	.2444113	.5154731
#2	5.195565	43.80072	.1680180	.001257	1.699590	.2506968	.5270693
#3	5.251125	43.48066	.1662838	.000733	1.692553	.2492735	.5328104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.62269	10.37530	.0170512	.0021192	2.372072	9.317916	.0058332
Stddev	.06965	.03154	.0027711	.0000547	.012086	.039395	.0010476
%RSD	.1955216	.3039541	16.25135	2.581041	.5095138	.4227917	17.95960

#1	35.54481	10.34165	.0163394	.0020985	2.378911	9.314431	.0047825
#2	35.64428	10.38008	.0201088	.0020778	2.358117	9.280379	.0058393
#3	35.67899	10.40418	.0147055	.0021812	2.379188	9.358938	.0068777

Sample Name: J5872-06 Acquired: 11/19/2018 13:13:51 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	1.882023	.1347879	.3845212
Stddev	.006699	.0011855	.0018601
%RSD	.3559286	.8795410	.4837464

#1	1.874457	.1338068	.3826334
#2	1.884416	.1344517	.3845777
#3	1.887197	.1361052	.3863524

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.458	2731.294	55322.77	5319.038	3484.047
Stddev	10.441	4.323	81.64	37.004	6.055
%RSD	.4317393	.1582642	.1475770	.6956920	.1737983

#1	2411.575	2727.928	55391.22	5317.991	3477.063
#2	2430.472	2736.169	55344.67	5356.555	3487.815
#3	2413.327	2729.785	55232.41	5282.569	3487.265

Sample Name: J5872-07 Acquired: 11/19/2018 13:17:51 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	.0544905	-.011653	.2277538	.0207963	.0074188	143.1825	1.683146
Stddev	.0019033	.002347	.0040669	.0027687	.0009527	.5463	.001812
%RSD	3.492831	20.13821	1.785664	13.31340	12.84199	.3815385	.1076279

#1	.0561444	-.014363	.2265794	.0180847	.0084955	142.5533	1.682268
#2	.0549168	-.010350	.2244033	.0236188	.0070757	143.5363	1.681941
#3	.0524102	-.010247	.2322786	.0206854	.0066851	143.4579	1.685229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095124	.0028031	39.81020	.1393351	.0997624	.1903462	164.6462
Stddev	.0001584	.0000745	.29999	.0002869	.0006489	.0050667	.8294
%RSD	1.664873	2.656334	.7535541	.2059354	.6504342	2.661816	.5037189

#1	.0093765	.0028792	39.56851	.1390289	.0994003	.1845094	163.6954
#2	.0094744	.0027303	39.71616	.1395979	.0993754	.1929184	165.2205
#3	.0096863	.0027999	40.14595	.1393784	.1005116	.1936108	165.0227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.365280	36.82200	.1578970	.0004299	1.211639	.2579364	.4976115
Stddev	.013443	.12777	.0010441	.0004652	.251668	.0057272	.0192122
%RSD	.2111896	.3469850	.6612548	108.2144	20.77088	2.220394	3.860889

#1	6.363713	36.70855	.1586104	.0009043	1.122828	.2513240	.4843632
#2	6.352690	36.96040	.1566986	-.000025	1.016417	.2613318	.5196457
#3	6.379438	36.79704	.1583819	.000411	1.495672	.2611534	.4888254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.74234	6.457949	.0103777	.0026147	2.032354	20.91017	.0067253
Stddev	.07724	.028625	.0020857	.0007392	.007120	.13734	.0009238
%RSD	.2223136	.4432463	20.09756	28.27057	.3503126	.6568241	13.73612

#1	34.67755	6.427530	.0083208	.0022877	2.040223	20.76248	.0059423
#2	34.72164	6.461960	.0103213	.0020955	2.026358	20.93398	.0064896
#3	34.82781	6.484357	.0124910	.0034610	2.030480	21.03406	.0077442

Sample Name: J5872-07 Acquired: 11/19/2018 13:17:51 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	2.548845	.1360137	.3308046
Stddev	.007087	.0010684	.0003722
%RSD	.2780501	.7855275	.1125233

#1	2.543294	.1350120	.3307598
#2	2.546413	.1358909	.3304568
#3	2.556828	.1371382	.3311972

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.788	2742.115	55506.89	5291.347	3510.313
Stddev	5.138	1.587	24.45	31.239	6.979
%RSD	.2096507	.0578747	.0440557	.5903862	.1988040

#1	2456.650	2743.516	55479.18	5326.808	3517.242
#2	2448.651	2740.391	55516.08	5267.893	3510.411
#3	2447.063	2742.437	55525.42	5279.339	3503.286

Sample Name: J5872-08 Acquired: 11/19/2018 13:21:51 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	.0523227	-.011186	.2502097	.0219046	.0045387	161.7404	2.657495
Stddev	.0027630	.003396	.0025881	.0017019	.0011733	.0199	.007817
%RSD	5.280623	30.35684	1.034366	7.769770	25.85150	.0122897	.2941353

#1	.0508562	-.014016	.2476717	.0232332	.0033471	161.7279	2.665283
#2	.0555097	-.007421	.2528451	.0199862	.0056929	161.7634	2.657553
#3	.0506022	-.012123	.2501123	.0224944	.0045760	161.7300	2.649650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105801	.0046584	97.06872	.1903194	.1490994	.1992424	191.4525
Stddev	.0001036	.0001531	.26054	.0015657	.0010874	.0046335	1.0400
%RSD	.9789857	3.285577	.2684127	.8226879	.7292873	2.325542	.5431907

#1	.0106996	.0046127	96.76819	.1895863	.1503543	.1985179	190.5117
#2	.0105158	.0045334	97.23091	.1921171	.1484360	.1950139	191.2766
#3	.0105248	.0048291	97.20707	.1892546	.1485079	.2041954	192.5692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.41828	42.53631	.1967898	-.000288	1.645129	.3191980	.6128910
Stddev	.03080	.35487	.0008612	.000365	.213359	.0061998	.0119626
%RSD	.2697232	.8342809	.4376199	126.9924	12.96914	1.942291	1.951832

#1	11.39261	42.59944	.1976422	-.000709	1.887669	.3149517	.6029503
#2	11.40979	42.15411	.1968071	-.000055	1.561317	.3263125	.6261674
#3	11.45243	42.85538	.1959201	-.000100	1.486403	.3163297	.6095553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.05781	8.471246	.0032860	.0025488	1.621680	15.22189	.0072431
Stddev	.09668	.027581	.0017119	.0001526	.014298	.03892	.0013135
%RSD	.2681122	.3255831	52.09663	5.987107	.8816749	.2556735	18.13416

#1	35.94745	8.495679	.0013402	.0025639	1.626650	15.23006	.0086513
#2	36.09841	8.441338	.0039574	.0026932	1.632831	15.17954	.0060511
#3	36.12756	8.476719	.0045604	.0023892	1.605561	15.25608	.0070270

Sample Name: J5872-08 Acquired: 11/19/2018 13:21:51 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	3.170608	.1806868	.4366301
Stddev	.007596	.0009595	.0008864
%RSD	.2395632	.5310458	.2030048

#1	3.161880	.1817058	.4358695
#2	3.174223	.1805540	.4364172
#3	3.175720	.1798006	.4376035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.743	2755.085	56081.56	5356.236	3453.499
Stddev	8.822	4.868	212.07	2.003	8.998
%RSD	.3606962	.1767050	.3781482	.0373868	.2605532

#1	2455.900	2751.068	55963.72	5358.154	3444.528
#2	2439.992	2760.499	55954.57	5354.158	3462.525
#3	2441.338	2753.687	56326.38	5356.395	3453.443

Sample Name: J5872-09 Acquired: 11/19/2018 13:25:52 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	.0471806	-.010685	.2410429	.0164884	.0046876	137.8958	2.644404
Stddev	.0026336	.001753	.0016404	.0061850	.0008151	.5134	.005383
%RSD	5.582033	16.40982	.6805593	37.51128	17.38929	.3723431	.2035445

#1	.0499553	-.008688	.2392051	.0233941	.0038040	138.0907	2.650608
#2	.0447153	-.011393	.2415642	.0114583	.0048482	137.3134	2.640970
#3	.0468713	-.011973	.2423593	.0146128	.0054104	138.2832	2.641636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088972	.0039110	58.63706	.1430958	.1412477	.1908421	173.3387
Stddev	.0000511	.0001814	.36490	.0005361	.0001481	.0005959	1.6666
%RSD	.5745236	4.638513	.6223056	.3746267	.1048720	.3122679	.9614708

#1	.0089006	.0037536	58.48226	.1430680	.1414113	.1915262	173.0773
#2	.0089465	.0038702	59.05384	.1436453	.1412093	.1904358	171.8183
#3	.0088445	.0041094	58.37508	.1425742	.1411226	.1905642	175.1206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02937	35.54336	.1853029	-.000023	12.87997	.3112769	.5308872
Stddev	.10922	.27254	.0004748	.000607	.25789	.0052262	.0069642
%RSD	.9902301	.7667789	.2562360	2587.540	2.002235	1.678963	1.311802

#1	11.01443	35.53332	.1857844	.000487	13.16313	.3079019	.5255690
#2	11.14529	35.27598	.1848351	.000139	12.65856	.3086320	.5283226
#3	10.92839	35.82078	.1852892	-.000696	12.81822	.3172969	.5387701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.98928	9.266706	.0064990	.0025985	2.019240	15.41634	.0078671
Stddev	.18168	.022395	.0058372	.0002948	.006973	.14203	.0016412
%RSD	.5862778	.2416750	89.81596	11.34669	.3453134	.9212689	20.86141

#1	31.11602	9.278224	.0048675	.0029378	2.026980	15.26644	.0076179
#2	30.78113	9.280997	.0016512	.0024042	2.017292	15.43368	.0096186
#3	31.07069	9.240895	.0129784	.0024535	2.013449	15.54890	.0063647

Sample Name: J5872-09 Acquired: 11/19/2018 13:25:52 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	3.395664	.1527459	.4054446
Stddev	.006037	.0024257	.0014529
%RSD	.1777735	1.588034	.3583390

#1	3.390488	.1524187	.4053319
#2	3.402295	.1505004	.4069505
#3	3.394208	.1553185	.4040513

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.095	2741.253	55501.97	5327.701	3460.596
Stddev	15.842	3.487	223.72	38.355	7.951
%RSD	.6489737	.1272066	.4030805	.7199157	.2297675

#1	2425.948	2740.016	55248.10	5284.847	3451.441
#2	2457.551	2738.552	55587.49	5358.811	3464.567
#3	2439.785	2745.189	55670.31	5339.446	3465.780

Sample Name: J5872-10 Acquired: 11/19/2018 13:29:53 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	.0541970	-.009295	.3203380	.0178340	.0043682	159.9855	2.612171
Stddev	.0020942	.001498	.0001992	.0036800	.0002469	.7739	.006560
%RSD	3.864125	16.11349	.0621851	20.63476	5.653173	.4837311	.2511474

#1	.0565867	-.007748	.3201086	.0135998	.0041920	159.9045	2.615563
#2	.0526817	-.010739	.3204373	.0202608	.0046505	159.2552	2.604609
#3	.0533225	-.009399	.3204680	.0196415	.0042622	160.7967	2.616340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107232	.0049597	57.50304	.1582324	.1508539	.2359880	196.7607
Stddev	.0001181	.0000173	.26507	.0010416	.0005123	.0060409	1.4861
%RSD	1.101200	.3495614	.4609738	.6582917	.3395678	2.559846	.7552943

#1	.0105915	.0049790	57.79999	.1594178	.1514440	.2420973	196.6500
#2	.0107586	.0049547	57.29029	.1574634	.1505947	.2358487	195.3330
#3	.0108196	.0049454	57.41884	.1578160	.1505231	.2300179	198.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81262	39.39031	.1953993	.0008400	2.139877	.3354331	.6890456
Stddev	.02286	.09255	.0003309	.0004934	.085609	.0056774	.0557086
%RSD	.2114153	.2349636	.1693401	58.74239	4.000658	1.692572	8.084900

#1	10.83874	39.30231	.1950232	.0004829	2.047086	.3359154	.7138866
#2	10.80289	39.38179	.1955287	.0014030	2.156752	.3295298	.7280122
#3	10.79624	39.48683	.1956459	.0006340	2.215791	.3408539	.6252378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.24545	11.07728	-.004036	.0031412	2.115585	14.84630	.0086524
Stddev	.24191	.04897	.001244	.0005232	.002671	.34638	.0021974
%RSD	.5865120	.4420585	30.81958	16.65768	.1262670	2.333084	25.39657

#1	41.11915	11.13365	-.002601	.0028044	2.116638	14.54939	.0062992
#2	41.09284	11.05287	-.004813	.0037440	2.117570	14.76267	.0090072
#3	41.52437	11.04531	-.004693	.0028752	2.112548	15.22683	.0106508

Sample Name: J5872-10 Acquired: 11/19/2018 13:29:53 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	3.400104	.1656548	.4256980
Stddev	.020928	.0019764	.0007347
%RSD	.6155086	1.193082	.1725961

#1	3.391039	.1653949	.4263500
#2	3.385237	.1638212	.4249019
#3	3.424037	.1677483	.4258420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.741	2815.839	57275.64	5430.161	3477.797
Stddev	10.427	1.968	164.79	27.325	3.327
%RSD	.4167901	.0698988	.2877136	.5032168	.0956758

#1	2501.850	2815.520	57260.75	5428.653	3473.972
#2	2491.260	2817.947	57447.36	5458.208	3480.025
#3	2512.114	2814.050	57118.79	5403.620	3479.394

Sample Name: J5872-14 Acquired: 11/19/2018 13:33:53 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	.0466625	-.022129	.3370668	.0227491	.0070853	170.6762	2.548400
Stddev	.0004938	.000841	.0034346	.0010231	.0020932	.5055	.004502
%RSD	1.058239	3.802343	1.018976	4.497415	29.54284	.2962006	.1766429

#1	.0464516	-.023097	.3396627	.0225577	.0061583	170.0953	2.545761
#2	.0463092	-.021716	.3383655	.0218352	.0094819	170.9162	2.545840
#3	.0472268	-.021574	.3331722	.0238544	.0056156	171.0170	2.553597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110266	.0035221	57.06866	.1826821	.1275167	.2269203	221.0084
Stddev	.0001088	.0001054	.15960	.0006807	.0005443	.0066386	1.2026
%RSD	.9866922	2.993143	.2796597	.3726363	.4268658	2.925527	.5441334

#1	.0109857	.0034241	56.95108	.1830120	.1278038	.2198665	219.6273
#2	.0109442	.0036337	57.00456	.1818993	.1268889	.2330461	221.5743
#3	.0111499	.0035085	57.25035	.1831351	.1278574	.2278484	221.8237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.937413	38.71703	.1870873	.0002920	2.335631	.4224688	.6825400
Stddev	.027591	.28174	.0005915	.0004139	.153104	.0114592	.0117139
%RSD	.3476097	.7276870	.3161404	141.7347	6.555147	2.712430	1.716227

#1	7.905665	38.48506	.1864877	.0000228	2.406748	.4119385	.6708502
#2	7.950983	38.63549	.1876703	.0007685	2.440242	.4207951	.6824917
#3	7.955591	39.03055	.1871040	.0000847	2.159902	.4346728	.6942780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.14373	15.44017	-.004999	.0026744	2.397197	18.76702	.0160666
Stddev	.22940	.03828	.001664	.0003034	.008979	.11463	.0016653
%RSD	.6013978	.2479368	33.28097	11.34667	.3745730	.6107939	10.36494

#1	37.93559	15.39995	-.006347	.0023272	2.392776	18.69598	.0179809
#2	38.10591	15.44438	-.005511	.0028067	2.391285	18.70582	.0152672
#3	38.38968	15.47617	-.003140	.0028892	2.407529	18.89926	.0149517

Sample Name: J5872-14 Acquired: 11/19/2018 13:33:53 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	6.642220	.1919107	.4820495
Stddev	.025959	.0024046	.0016463
%RSD	.3908153	1.253001	.3415255

#1	6.625818	.1945946	.4803713
#2	6.628693	.1899524	.4821153
#3	6.672148	.1911850	.4836620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.928	2820.559	57489.41	5459.516	3482.414
Stddev	11.524	1.414	406.15	19.565	4.003
%RSD	.4602286	.0501322	.7064792	.3583644	.1149433

#1	2503.867	2820.023	57446.41	5481.417	3479.834
#2	2492.434	2822.163	57106.47	5443.765	3487.025
#3	2515.481	2819.491	57915.35	5453.365	3480.383

Sample Name: J5872-15 Acquired: 11/19/2018 13:37:55 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	.0741961	-.016981	.5309954	.0207487	.0083206	169.0926	2.648517
Stddev	.0037363	.002795	.0018260	.0032812	.0006814	.6624	.002983
%RSD	5.035735	16.45703	.3438875	15.81413	8.189647	.3917663	.1126252

#1	.0708401	-.017388	.5330369	.0172423	.0080178	168.3316	2.647793
#2	.0782221	-.019551	.5304313	.0212590	.0091010	169.5407	2.645963
#3	.0735262	-.014006	.5295180	.0237449	.0078431	169.4053	2.651796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113305	.0066678	58.92840	.1791463	.1418001	.2776739	219.9669
Stddev	.0000531	.0001669	.12100	.0008720	.0003148	.0073443	2.2061
%RSD	.4684099	2.502669	.2053314	.4867614	.2220258	2.644926	1.002927

#1	.0112874	.0068561	58.87050	.1788134	.1419164	.2700300	217.5730
#2	.0113143	.0066089	58.84723	.1784899	.1414436	.2846764	221.9181
#3	.0113898	.0065383	59.06747	.1801358	.1420402	.2783152	220.4096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.116131	37.49886	.1915000	.0022604	2.287595	.3906099	.9166262
Stddev	.035366	.27237	.0010328	.0006111	.227910	.0094351	.0215090
%RSD	.3879485	.7263507	.5393397	27.03284	9.962851	2.415487	2.346537

#1	9.097483	37.18518	.1919610	.0019141	2.214139	.3802455	.8932447
#2	9.156918	37.67549	.1922221	.0029660	2.105471	.3987000	.9355705
#3	9.093992	37.63591	.1903170	.0019012	2.543175	.3928843	.9210636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.41893	17.95922	-.011099	.0037718	3.129241	11.18295	.0107405
Stddev	.04100	.06029	.004968	.0001894	.022734	.24389	.0012504
%RSD	.1014379	.3356863	44.76130	5.022601	.7264878	2.180892	11.64212

#1	40.37975	18.02705	-.015998	.0035531	3.154909	10.93681	.0095401
#2	40.41550	17.93885	-.006064	.0038783	3.121168	11.18751	.0106457
#3	40.46154	17.91176	-.011235	.0038840	3.111645	11.42452	.0120356

Sample Name: J5872-15 Acquired: 11/19/2018 13:37:55 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	4.718698	.2042550	.4969312
Stddev	.053632	.0013452	.0007961
%RSD	1.136575	.6585716	.1601972

#1	4.657810	.2040722	.4973185
#2	4.758931	.2056823	.4974596
#3	4.739352	.2030106	.4960156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.456	2836.269	57758.60	5515.307	3473.502
Stddev	16.627	12.134	355.93	15.791	14.120
%RSD	.6565477	.4278049	.6162367	.2863035	.4065107

#1	2549.002	2825.102	58054.89	5523.487	3461.906
#2	2532.617	2834.523	57857.12	5525.329	3469.374
#3	2515.750	2849.181	57363.79	5497.105	3489.226

Sample Name: J5872-16 Acquired: 11/19/2018 13:41:58 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	.0515491	-.024160	.3204147	.0197010	.0078687	183.1932	2.507826
Stddev	.0054060	.004248	.0020252	.0016063	.0010712	.5396	.006841
%RSD	10.48702	17.58098	.6320600	8.153216	13.61285	.2945634	.2727891

#1	.0460068	-.024476	.3186412	.0201944	.0087153	183.0619	2.509842
#2	.0518331	-.028240	.3226215	.0210026	.0066645	183.7864	2.513433
#3	.0568075	-.019763	.3199815	.0179059	.0082263	182.7314	2.500204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118990	.0022907	63.88789	.1990537	.1353069	.2178914	231.5563
Stddev	.0001872	.0001868	.29228	.0014397	.0000740	.0095307	1.6716
%RSD	1.573403	8.153841	.4574812	.7232871	.0547054	4.374053	.7218841

#1	.0120475	.0020978	64.22079	.1988170	.1352779	.2069726	230.6028
#2	.0116887	.0023036	63.67340	.2005971	.1353910	.2245415	233.4864
#3	.0119609	.0024707	63.76949	.1977470	.1352517	.2221603	230.5796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.717642	41.56749	.2064000	.0007615	2.837083	.4764122	.5828763
Stddev	.036545	.46225	.0003218	.0004111	.126731	.0031506	.0111576
%RSD	.5440093	1.112049	.1558919	53.98053	4.466938	.6613254	1.914227

#1	6.759375	41.50880	.2062244	.0005656	2.699123	.4758051	.5700294
#2	6.691366	42.05628	.2062042	.0004850	2.863803	.4798222	.5901425
#3	6.702185	41.13738	.2067713	.0012339	2.948324	.4736093	.5884569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.09645	16.45379	-.017175	.0022082	2.686874	6.550960	.0140122
Stddev	.14723	.02595	.002496	.0002381	.008906	.255816	.0009889
%RSD	.4448505	.1577043	14.53022	10.78207	.3314556	3.905014	7.057298

#1	32.99844	16.42451	-.017890	.0024478	2.676592	6.324290	.0131675
#2	33.26576	16.46289	-.014400	.0019717	2.691898	6.500260	.0137692
#3	33.02515	16.47396	-.019235	.0022051	2.692133	6.828329	.0150999

Sample Name: J5872-16 Acquired: 11/19/2018 13:41:58 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	6.359871	.2106254	.5381795
Stddev	.032861	.0008053	.0030486
%RSD	.5166994	.3823347	.5664594

#1	6.386360	.2108368	.5415416
#2	6.370156	.2113039	.5355951
#3	6.323097	.2097355	.5374019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.095	2845.585	58064.39	5562.741	3437.483
Stddev	10.220	5.410	89.54	12.361	6.183
%RSD	.4028072	.1901333	.1542155	.2222179	.1798650

#1	2548.575	2840.426	58167.75	5564.235	3431.218
#2	2528.990	2851.216	58015.21	5574.287	3443.581
#3	2533.718	2845.113	58010.22	5549.700	3437.649

Sample Name: J5872-17 Acquired: 11/19/2018 13:45:59 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	.0474048	-.019034	.3057693	.0153104	.0068513	153.8027	2.477525
Stddev	.0038765	.003161	.0028324	.0030760	.0023323	.3509	.008321
%RSD	8.177497	16.60528	.9263328	20.09092	34.04128	.2281277	.3358409

#1	.0430193	-.017688	.3034627	.0170325	.0047339	153.5312	2.476568
#2	.0488207	-.022644	.3049147	.0117591	.0093511	154.1989	2.486283
#3	.0503743	-.016769	.3089307	.0171396	.0064687	153.6780	2.469725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110020	.0023761	65.16971	.1628137	.1400364	.2190994	222.0275
Stddev	.0000428	.0000259	.01233	.0005703	.0008713	.0053748	.4834
%RSD	.3890611	1.091067	.0189249	.3502897	.6221820	2.453150	.2177391

#1	.0110209	.0023552	65.17342	.1634585	.1390405	.2216320	221.9916
#2	.0110320	.0024051	65.17977	.1623756	.1404103	.2129262	222.5279
#3	.0109529	.0023679	65.15595	.1626070	.1406582	.2227401	221.5630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.346926	36.21623	.1854736	.0009726	2.522320	.4600750	.6000562
Stddev	.018165	.14441	.0005313	.0003976	.111936	.0135101	.0156940
%RSD	.2472518	.3987560	.2864301	40.88468	4.437804	2.936507	2.615426

#1	7.327301	36.09280	.1848604	.0005144	2.413620	.4586794	.5835203
#2	7.363152	36.37505	.1857683	.0011755	2.637232	.4742288	.6147449
#3	7.350324	36.18085	.1857923	.0012277	2.516107	.4473169	.6019034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.00050	17.31920	-.027015	.0026698	2.657248	10.95711	.0103124
Stddev	.05379	.07987	.002805	.0003083	.015902	.04444	.0009066
%RSD	.1854851	.4611550	10.38244	11.54787	.5984484	.4055673	8.790910

#1	29.02943	17.22886	-.024170	.0030084	2.638891	10.95410	.0097541
#2	29.03363	17.34833	-.029778	.0025958	2.666816	11.00298	.0098248
#3	28.93843	17.38041	-.027097	.0024052	2.666036	10.91425	.0113584

Sample Name: J5872-17 Acquired: 11/19/2018 13:45:59 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	5.048997	.1726212	.4893536
Stddev	.006060	.0008127	.0011649
%RSD	.1200306	.4708005	.2380463

#1	5.052301	.1718404	.4903997
#2	5.052688	.1725607	.4895627
#3	5.042003	.1734624	.4880983

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.590	2821.642	57181.65	5507.707	3488.052
Stddev	11.771	8.026	37.32	10.868	10.981
%RSD	.4718503	.2844271	.0652719	.1973255	.3148189

#1	2496.058	2827.092	57220.16	5516.447	3495.935
#2	2505.557	2812.426	57179.15	5495.538	3475.509
#3	2482.153	2825.407	57145.64	5511.137	3492.710

Sample Name: J5872-18 Acquired: 11/19/2018 13:50:00 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	.0578087	-.024142	.3951854	.0185052	.0049816	168.4787	2.063681
Stddev	.0061751	.004184	.0019783	.0032699	.0012997	.3151	.002430
%RSD	10.68198	17.32881	.5006023	17.66990	26.08891	.1870277	.1177285

#1	.0647049	-.028862	.3965310	.0192733	.0039241	168.6689	2.065020
#2	.0559303	-.020892	.3929140	.0149197	.0045883	168.6523	2.065146
#3	.0527909	-.022671	.3961113	.0213227	.0064325	168.1150	2.060877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106832	.0024307	69.00297	.1455282	.0983672	.2100605	203.2038
Stddev	.0000899	.0001833	.10363	.0014726	.0006395	.0065754	1.1275
%RSD	.8417641	7.538934	.1501774	1.011898	.6501501	3.130252	.5548394

#1	.0106558	.0022504	68.99854	.1453735	.0984025	.2147330	203.9442
#2	.0107837	.0024249	68.90163	.1441391	.0977107	.2025414	203.7610
#3	.0106102	.0026167	69.10874	.1470721	.0989883	.2129071	201.9063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733742	31.94486	.1484760	.0015182	2.997766	.4235093	.5837296
Stddev	.008270	.17806	.0007455	.0002103	.300210	.0060312	.0197654
%RSD	.1747079	.5574035	.5021299	13.84911	10.01447	1.424096	3.386046

#1	4.740698	32.06881	.1476154	.0014615	2.658713	.4297883	.5945197
#2	4.735929	31.74082	.1489255	.0017510	3.104773	.4177611	.5957514
#3	4.724598	32.02494	.1488871	.0013422	3.229811	.4229784	.5609176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.44340	19.29589	-.021849	.0025610	2.487361	8.669031	.0131576
Stddev	.06213	.05999	.001212	.0002636	.005961	.017188	.0008093
%RSD	.2768169	.3108890	5.545395	10.29461	.2396651	.1982678	6.151066

#1	22.44177	19.27726	-.022635	.0026569	2.487521	8.649668	.0125536
#2	22.38210	19.24744	-.020453	.0022628	2.481321	8.674939	.0140772
#3	22.50632	19.36299	-.022458	.0027633	2.493240	8.682485	.0128420

Sample Name: J5872-18 Acquired: 11/19/2018 13:50:00 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	6.707171	.1834319	.5496226
Stddev	.015309	.0012630	.0013625
%RSD	.2282451	.6885498	.2478891

#1	6.724741	.1819954	.5511476
#2	6.696702	.1839320	.5485254
#3	6.700070	.1843684	.5491948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.252	2813.446	57086.39	5479.448	3473.762
Stddev	7.900	9.431	336.52	17.956	5.103
%RSD	.3166063	.3352249	.5894893	.3277037	.1469128

#1	2486.131	2805.010	56698.76	5487.385	3468.971
#2	2499.726	2811.700	57303.73	5492.068	3479.129
#3	2499.900	2823.628	57256.68	5458.890	3473.186

Sample Name: J5872-19 Acquired: 11/19/2018 13:54:04 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	.0618801	-.023469	.4412002	.0143010	.0048899	167.4781	2.412732
Stddev	.0050920	.002383	.0014075	.0053195	.0007742	.5827	.008754
%RSD	8.228885	10.15403	.3190203	37.19688	15.83224	.3479172	.3628428

#1	.0604213	-.024625	.4406256	.0110498	.0046028	168.1053	2.416708
#2	.0576767	-.020728	.4401708	.0204399	.0057666	166.9536	2.402695
#3	.0675424	-.025053	.4428041	.0114134	.0043002	167.3754	2.418793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123654	.0038233	66.93075	.1701787	.1165809	.2343854	205.0495
Stddev	.0001494	.0000685	.13634	.0055715	.0009807	.0063281	1.1975
%RSD	1.208226	1.791171	.2037037	3.273889	.8412522	2.699872	.5840155

#1	.0124055	.0038094	66.93357	.1721415	.1166984	.2407776	206.2109
#2	.0122000	.0037628	66.79303	.1638915	.1155467	.2281234	203.8189
#3	.0124906	.0038976	67.06566	.1745032	.1174976	.2342554	205.1187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.451535	36.16759	.1739758	.0035593	2.494656	.3879475	.6788670
Stddev	.026186	.36945	.0015419	.0001871	.189186	.0045172	.0020260
%RSD	.4058949	1.021487	.8862922	5.257802	7.583635	1.164387	.2984393

#1	6.443931	36.43879	.1724409	.0036033	2.572302	.3922415	.6802041
#2	6.429993	35.74680	.1739616	.0037206	2.632666	.3832360	.6765360
#3	6.480682	36.31716	.1755247	.0033541	2.279002	.3883649	.6798610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.04855	17.11263	-.022456	.0023249	2.696055	18.68352	.0114282
Stddev	.09511	.07666	.003933	.0000703	.015176	.32631	.0019349
%RSD	.2713769	.4479572	17.51411	3.024650	.5629051	1.746516	16.93072

#1	35.15570	17.07375	-.026906	.0022554	2.693681	18.64074	.0108979
#2	34.97409	17.06319	-.021014	.0023960	2.682205	18.38071	.0098137
#3	35.01587	17.20093	-.019447	.0023234	2.712278	19.02911	.0135729

Sample Name: J5872-19 Acquired: 11/19/2018 13:54:04 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	5.295804	.1689723	.4912579
Stddev	.036019	.0014288	.0010589
%RSD	.6801484	.8455856	.2155434

#1	5.311129	.1706211	.4919434
#2	5.254656	.1680962	.4900384
#3	5.321626	.1681997	.4917920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.948	2818.714	58269.36	5496.146	3442.412
Stddev	59.982	3.207	1606.69	31.854	3.105
%RSD	2.356914	.1137616	2.757349	.5795719	.0901911

#1	2507.150	2819.274	57464.35	5464.617	3438.863
#2	2614.110	2815.264	60119.42	5495.505	3443.744
#3	2513.584	2821.603	57224.30	5528.316	3444.628

Sample Name: J5872-20 Acquired: 11/19/2018 13:58:05 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	.0516966	-.021948	.3933387	.0199870	.0064605	182.3962	2.451467
Stddev	.0055988	.003955	.0006607	.0036197	.0008123	.8210	.010693
%RSD	10.83013	18.02146	.1679788	18.11034	12.57395	.4501291	.4361823

#1	.0491586	-.023235	.3936147	.0239155	.0067092	182.1545	2.450228
#2	.0581149	-.017509	.3925847	.0167868	.0071194	181.7232	2.441448
#3	.0478162	-.025099	.3938166	.0192586	.0055528	183.3109	2.462725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123564	.0036445	73.51933	.1774511	.1268272	.2339866	229.7076
Stddev	.0000763	.0002279	.44218	.0006227	.0008299	.0044274	1.1645
%RSD	.6177232	6.254137	.6014432	.3509295	.6543837	1.892142	.5069699

#1	.0123542	.0033844	73.42917	.1781529	.1262955	.2340586	228.4768
#2	.0122811	.0038096	73.12918	.1769645	.1264025	.2295237	229.8540
#3	.0124337	.0037395	73.99964	.1772360	.1277835	.2383775	230.7920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.554755	36.82140	.1855366	.0014034	3.053102	.5019309	.7218114
Stddev	.073737	.19121	.0002670	.0012619	.227685	.0086496	.0254928
%RSD	.9760340	.5192975	.1439081	89.91437	7.457511	1.723260	3.531782

#1	7.502289	36.62023	.1852284	.0000154	3.088950	.5059114	.6933175
#2	7.522914	37.00079	.1856983	.0024814	2.809619	.4920076	.7296586
#3	7.639063	36.84318	.1856831	.0017134	3.260737	.5078735	.7424580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.97171	20.82896	-.018824	.0026422	2.958518	15.24323	.0155782
Stddev	.21345	.09185	.001306	.0000109	.006160	.11488	.0007995
%RSD	.6676076	.4409907	6.935882	.4116122	.2082159	.7536329	5.132037

#1	32.03218	20.72682	-.020179	.0026546	2.951489	15.35648	.0147873
#2	31.73455	20.85525	-.017574	.0026345	2.962978	15.12679	.0155612
#3	32.14840	20.90479	-.018719	.0026375	2.961086	15.24643	.0163860

Sample Name: J5872-20 Acquired: 11/19/2018 13:58:05 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	6.893459	.2204283	.5570411
Stddev	.050439	.0024952	.0036148
%RSD	.7316985	1.131982	.6489223

#1	6.857843	.2220351	.5554614
#2	6.871357	.2175538	.5544850
#3	6.951176	.2216962	.5611768

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.514	2743.108	56221.67	5414.800	3320.947
Stddev	20.353	2.879	321.35	39.996	4.153
%RSD	.8319000	.1049396	.5715817	.7386423	.1250448

#1	2425.738	2744.244	55903.61	5372.304	3324.134
#2	2447.388	2745.246	56215.19	5451.708	3322.457
#3	2466.415	2739.835	56546.22	5420.389	3316.251

Sample Name: J5872-21 Acquired: 11/19/2018 14:02:07 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	.0469633	-.024624	.3112555	.0163445	.0086340	184.1420	2.780114
Stddev	.0039169	.002187	.0049268	.0025823	.0007158	1.0688	.011634
%RSD	8.340278	8.880453	1.582885	15.79950	8.290707	.5804358	.4184834

#1	.0442977	-.025747	.3061706	.0156828	.0078714	184.2601	2.779325
#2	.0514604	-.026021	.3160073	.0191932	.0087391	183.0190	2.768894
#3	.0451317	-.022104	.3115886	.0141573	.0092914	185.1468	2.792122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125568	.0037479	65.09290	.1888336	.1315553	.2478685	224.5473
Stddev	.0000664	.0002408	.23152	.0007365	.0006332	.0019233	1.4460
%RSD	.5284334	6.424661	.3556775	.3900344	.4813331	.7759337	.6439822

#1	.0125463	.0035734	64.99361	.1896085	.1318033	.2500536	225.0616
#2	.0124964	.0040226	64.92759	.1887497	.1320270	.2471195	222.9144
#3	.0126278	.0036477	65.35751	.1881426	.1308356	.2464324	225.6658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.488327	37.27293	.2146332	.0014375	2.344612	.4628948	.7303615
Stddev	.032089	.29078	.0007591	.0008154	.288725	.0016854	.0035018
%RSD	.3780361	.7801355	.3536557	56.72189	12.31439	.3640959	.4794620

#1	8.479867	37.30083	.2152525	.0008112	2.011775	.4643329	.7339862
#2	8.461316	36.96920	.2148606	.0011418	2.494400	.4633113	.7269971
#3	8.523798	37.54875	.2137864	.0023594	2.527662	.4610402	.7301013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.52458	17.52531	-.022503	.0031289	2.906778	16.93383	.0132860
Stddev	.12647	.02771	.004563	.0005687	.015643	.07947	.0012032
%RSD	.3663263	.1580944	20.27740	18.17482	.5381458	.4692988	9.056201

#1	34.48687	17.55579	-.018531	.0027094	2.909627	17.00219	.0144544
#2	34.42126	17.50165	-.027488	.0029012	2.889907	16.84663	.0133528
#3	34.66562	17.51848	-.021491	.0037761	2.920801	16.95268	.0120508

Sample Name: J5872-21 Acquired: 11/19/2018 14:02:07 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	5.394944	.2334450	.5192452
Stddev	.028048	.0019148	.0022675
%RSD	.5198909	.8202346	.4366831

#1	5.391245	.2324789	.5194206
#2	5.368929	.2322056	.5168952
#3	5.424658	.2356503	.5214199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.571	2866.880	58537.15	5625.312	3483.966
Stddev	19.617	10.817	43.13	30.725	13.809
%RSD	.7703251	.3773127	.0736808	.5461900	.3963607

#1	2533.633	2854.695	58571.23	5598.366	3469.653
#2	2569.142	2875.352	58551.56	5658.771	3485.035
#3	2536.938	2870.592	58488.66	5618.799	3497.209

Sample Name: J5872-22 Acquired: 11/19/2018 14:06:07 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	.0535816	-.019001	.3822520	.0223395	.0050544	199.5296	3.115458
Stddev	.0038256	.001606	.0016089	.0018380	.0022668	7.7246	.120428
%RSD	7.139713	8.449789	.4208963	8.227736	44.84729	3.871409	3.865487

#1	.0491824	-.020679	.3839162	.0222420	.0050886	195.1895	3.035108
#2	.0554340	-.017479	.3807049	.0242243	.0027707	194.9512	3.057343
#3	.0561284	-.018844	.3821348	.0205521	.0073038	208.4482	3.253921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133726	.0042739	63.49762	.2158453	.1556703	.2385019	248.9588
Stddev	.0003386	.0001957	2.69357	.0011380	.0005046	.0108116	10.1392
%RSD	2.531872	4.577709	4.241997	.5272395	.3241272	4.533139	4.072641

#1	.0134189	.0043112	61.62454	.2170947	.1553270	.2328217	244.6389
#2	.0130133	.0044482	62.28382	.2155730	.1554343	.2317143	241.6950
#3	.0136857	.0040623	66.58451	.2148681	.1562496	.2509697	260.5425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.879006	38.37358	.2420182	.0021594	2.343075	.4983093	.7708255
Stddev	.427344	1.50332	.0013245	.0016890	.293929	.0169148	.0212407
%RSD	4.325781	3.917599	.5472896	78.21660	12.54458	3.394433	2.755579

#1	9.593470	37.82722	.2412112	.0011232	2.213444	.4903548	.7463784
#2	9.673241	37.21984	.2412966	.0012466	2.136246	.4868381	.7847587
#3	10.37031	40.07367	.2435469	.0041083	2.679536	.5177350	.7813393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.02687	19.64913	-.032722	.0028735	3.030763	18.65501	.0127764
Stddev	1.49913	.03467	.000348	.0006792	.013347	.56823	.0010534
%RSD	3.841274	.1764352	1.064763	23.63576	.4403823	3.045971	8.245039

#1	38.17539	19.61305	-.033117	.0036128	3.022851	18.48770	.0115600
#2	38.14737	19.65213	-.032458	.0022774	3.046173	18.18922	.0133931
#3	40.75784	19.68220	-.032590	.0027302	3.023264	19.28811	.0133759

Sample Name: J5872-22 Acquired: 11/19/2018 14:06:07 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	5.400783	.2576896	.5073977
Stddev	.224827	.0091881	.0207738
%RSD	4.162867	3.565561	4.094176

#1	5.249201	.2520781	.4937381
#2	5.294050	.2526977	.4971509
#3	5.659096	.2682931	.5313041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.990	2843.738	58250.92	5495.994	3416.882
Stddev	14.984	6.060	181.24	158.621	4.651
%RSD	.5915352	.2130925	.3111394	2.886128	.1361176

#1	2545.908	2837.818	58314.40	5549.860	3412.065
#2	2516.564	2843.468	58046.47	5620.667	3417.233
#3	2536.498	2849.929	58391.88	5317.454	3421.347

Sample Name: CCV014 Acquired: 11/19/2018 14:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.277542	5.258967	24.79842	5.335585	5.483396	381.9774
Stddev	.018619	.011233	.09716	.006136	.007212	1.3344
%RSD	.3527993	.2135912	.3918018	.1150071	.1315274	.3493282

#1	5.264798	5.252908	24.72057	5.342244	5.475258	382.8509
#2	5.268917	5.252064	24.76738	5.334351	5.485935	382.6399
#3	5.298909	5.271928	24.90730	5.330159	5.488996	380.4414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79321	.5112413	2.574591	371.2994	16.10189	2.564666
Stddev	.01356	.0019614	.006934	.6463	.02615	.007355
%RSD	.1256364	.3836484	.2693073	.1740666	.1623860	.2867699

#1	10.80298	.5124633	2.568519	370.5621	16.13208	2.560324
#2	10.79891	.5089790	2.573107	371.7684	16.08617	2.560516
#3	10.77773	.5122817	2.582146	371.5676	16.08743	2.573157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71228	371.1618	14.76532	379.6195	2.726419	1.308256
Stddev	.06487	2.3227	.07741	2.1843	.004459	.006372
%RSD	.4128785	.6257991	.5242512	.5753965	.1635431	.4870736

#1	15.71740	371.6975	14.72655	380.0698	2.721294	1.306127
#2	15.77443	373.1698	14.85445	381.5436	2.729415	1.315420
#3	15.64499	368.6180	14.71496	377.2451	2.728546	1.303221

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	364.8665	2.606958	15.18483	162.3513	F 5.754525	4.784462
Stddev	1.3622	.018996	.14604	.3329	.031144	.026781
%RSD	.3733326	.7286556	.9617729	.2050685	.5412008	.5597572

#1	365.2262	2.603438	15.08611	162.4773	5.741080	4.794871
#2	366.0128	2.627467	15.35260	162.6029	5.732363	4.754039
#3	363.3606	2.589968	15.11580	161.9738	5.790133	4.804477

Sample Name: CCV014 Acquired: 11/19/2018 14:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.181862	5.465805	5.047964	5.400827	4.901545	5.287881
Stddev	.009107	.031464	.026152	.002754	.018396	.003348
%RSD	.1757479	.5756493	.5180607	.0509878	.3753157	.0633132

#1	5.182506	5.438607	5.074401	5.397673	4.902219	5.290458
#2	5.172450	5.458542	5.022108	5.402054	4.919595	5.289087
#3	5.190630	5.500265	5.047383	5.402755	4.882821	5.284097

Elem	Sr4077
Units	ppm
Avg	5.175120
Stddev	.014510
%RSD	.2803873

#1	5.169042
#2	5.191681
#3	5.164636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.793	2097.789	46160.65	4436.024	2949.123
Stddev	16.620	6.844	172.44	16.915	4.647
%RSD	.8616798	.3262399	.3735731	.3813001	.1575672

#1	1932.225	2089.930	45973.00	4417.375	2944.001
#2	1910.725	2101.004	46196.78	4440.323	2950.299
#3	1943.429	2102.434	46312.16	4450.375	2953.069

Sample Name: CCB014 Acquired: 11/19/2018 14:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003693	-.006671	-.001239	.0041195	.0009255	.0155579	-.002785
Stddev	.004054	.001365	.000643	.0024234	.0008038	.0132787	.000579
%RSD	109.7886	20.46536	51.86066	58.82730	86.85381	85.35026	20.78001

#1	-.006240	-.007930	-.001782	.0038151	.0000167	.0259781	-.002130
#2	.000982	-.006863	-.000530	.0066807	.0012165	.0006067	-.002997
#3	-.005822	-.005220	-.001406	.0018627	.0015432	.0200889	-.003228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000484	-.000091	.0199507	-.000185	-.000155	-.000442	.0163578
Stddev	.0000585	.000041	.0191982	.000333	.000303	.003676	.0081421
%RSD	120.7289	44.56759	96.22835	180.1134	196.1073	831.1320	49.77505

#1	-.000015	-.000051	.0098132	-.000130	-.000361	.000778	.0257564
#2	.000059	-.000090	.0420926	.000117	.000194	.002469	.0118673
#3	.000101	-.000133	.0079462	-.000541	-.000297	-.004573	.0114498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000362	.0608291	-.000213	.0011041	.1258126	.0008072	-.005008
Stddev	.001745	.0537833	.000095	.0007101	.1418743	.0080267	.011569
%RSD	482.2568	88.41709	44.62841	64.31304	112.7664	994.3739	230.9871

#1	-.001781	.0118155	-.000201	.0007670	.2896197	-.008018	-.015193
#2	.001587	.1183646	-.000313	.0006253	.0419713	.002768	-.007403
#3	-.000891	.0523071	-.000124	.0019200	.0458468	.007672	.007570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2981096	-.006577	.0072382	.0002753	-.003250	.0005212	.0003810
Stddev	.0547730	.001248	.0012697	.0002206	.003915	.0006737	.0010293
%RSD	18.37345	18.97679	17.54184	80.13078	120.4851	129.2533	270.1436

#1	.3543731	-.006250	.0066521	.0005169	.000859	.0012945	.0001532
#2	.2449599	-.007957	.0086951	.0000846	-.003670	.0000613	.0015051
#3	.2949958	-.005526	.0063673	.0002243	-.006938	.0002078	-.000515

Sample Name: CCB014 Acquired: 11/19/2018 14:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014485	.0025023	.0000238
Stddev	.0014556	.0007724	.0000470
%RSD	100.4877	30.86662	197.9639

#1	-.000071	.0030380	.0000380
#2	.001586	.0028519	.0000620
#3	.002830	.0016169	-.000029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.032	2445.981	48373.30	4641.358	3627.512
Stddev	13.663	2.066	26.69	13.035	5.131
%RSD	.6340259	.0844477	.0551750	.2808457	.1414429

#1	2142.871	2444.392	48372.18	4639.100	3624.651
#2	2152.407	2445.236	48347.20	4629.600	3624.448
#3	2169.817	2448.316	48400.54	4655.375	3633.435

Sample Name: J5873-01 Acquired: 11/19/2018 14:18:00 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	.0558459	-.004908	.3956121	.0089937	.0082616	147.0529	2.304512
Stddev	.0072264	.007223	.0021728	.0011959	.0031884	.3647	.004768
%RSD	12.93989	147.1787	.5492260	13.29653	38.59310	.2479737	.2068802

#1	.0477158	-.012592	.3940547	.0076134	.0110893	146.6370	2.304233
#2	.0582840	.001744	.3946874	.0097167	.0048059	147.3181	2.309413
#3	.0615378	-.003875	.3980943	.0096511	.0088895	147.2034	2.299890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107647	.0057047	75.68527	.1485442	.1142712	.2102611	164.2782
Stddev	.0001748	.0001817	.19251	.0001772	.0005758	.0007615	.6773
%RSD	1.623985	3.184744	.2543559	.1193012	.5038574	.3621830	.4123097

#1	.0106193	.0056841	75.90387	.1486832	.1149176	.2097362	163.4972
#2	.0109587	.0055341	75.61087	.1483447	.1138134	.2111345	164.6326
#3	.0107163	.0058957	75.54105	.1486048	.1140826	.2099125	164.7049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.326873	50.09594	.2022829	.0023346	1.612533	.2039217	.6968301
Stddev	.010201	.21533	.0011727	.0002521	.063774	.0050918	.0164188
%RSD	.1392216	.4298269	.5797324	10.79787	3.954925	2.496957	2.356217

#1	7.337280	49.87871	.2018730	.0020564	1.548910	.2097074	.7088879
#2	7.326447	50.09980	.2013703	.0023998	1.612231	.2019348	.7034716
#3	7.316892	50.30931	.2036056	.0025478	1.676458	.2001229	.6781310

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.88891	8.938897	-.022799	.0017904	3.030125	11.35954	.0049519
Stddev	.18917	.016664	.001201	.0001525	.014082	.06271	.0002664
%RSD	.5128185	.1864158	5.267223	8.517950	.4647176	.5520742	5.379495

#1	36.68011	8.941474	-.022919	.0016335	3.024149	11.28810	.0049750
#2	37.04888	8.921095	-.021543	.0019381	3.020018	11.40553	.0052060
#3	36.93775	8.954121	-.023936	.0017995	3.046209	11.38499	.0046747

Sample Name: J5873-01 Acquired: 11/19/2018 14:18:00 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	1.273823	.1487686	.4119377
Stddev	.004830	.0004805	.0004775
%RSD	.3791707	.3230066	.1159165

#1	1.268326	.1493232	.4118919
#2	1.275756	.1485063	.4124364
#3	1.277386	.1484764	.4114847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.313	2869.594	58400.38	5694.586	3530.053
Stddev	14.047	5.403	277.97	24.085	4.702
%RSD	.5494944	.1882924	.4759677	.4229377	.1332012

#1	2548.902	2866.306	58091.42	5716.206	3527.479
#2	2547.523	2875.830	58479.57	5668.627	3535.480
#3	2572.513	2866.647	58630.17	5698.924	3527.200

Sample Name: J5873-02 Acquired: 11/19/2018 14:22:01 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	.0435662	-.010589	.2088656	.0110079	.0077064	156.5194	2.021524
Stddev	.0031176	.002073	.0013637	.0019793	.0041360	1.4993	.015620
%RSD	7.155918	19.57461	.6529140	17.98033	53.66927	.9578838	.7727026

#1	.0457367	-.009911	.2073964	.0088133	.0088365	158.2478	2.039374
#2	.0399938	-.008940	.2100910	.0126577	.0031228	155.5690	2.014836
#3	.0449680	-.012916	.2091095	.0115528	.0111599	155.7415	2.010361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116090	.0029764	50.40754	.1523362	.1152825	.1783745	171.0030
Stddev	.0000458	.0002675	.54086	.0004673	.0007744	.0019414	1.9044
%RSD	.3945163	8.986555	1.072984	.3067376	.6717082	1.088392	1.113665

#1	.0115659	.0029120	51.03013	.1525757	.1145834	.1767926	173.0919
#2	.0116040	.0032702	50.05362	.1526352	.1151492	.1805410	169.3634
#3	.0116571	.0027470	50.13886	.1517978	.1161148	.1777898	170.5539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.307944	55.07070	.2116134	.0001288	1.881501	.2172237	.5081064
Stddev	.055502	.62368	.0003539	.0003870	.288209	.0045018	.0196073
%RSD	.8798737	1.132501	.1672260	300.5309	15.31803	2.072431	3.858895

#1	6.368361	55.78392	.2119424	.0005702	1.937271	.2142483	.4939791
#2	6.259220	54.80045	.2112390	-.000032	2.137749	.2224028	.4998482
#3	6.296252	54.62773	.2116588	-.000152	1.569483	.2150200	.5304920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.24675	7.084703	-.034733	.0012107	1.807493	9.268945	.0056844
Stddev	.15868	.014547	.002354	.0000781	.002453	.083139	.0011959
%RSD	.4920670	.2053297	6.777201	6.451097	.1357098	.8969630	21.03804

#1	32.42171	7.096861	-.033076	.0011595	1.809060	9.189456	.0050954
#2	32.20642	7.068587	-.037428	.0011720	1.808753	9.262071	.0048972
#3	32.11214	7.088663	-.033696	.0013006	1.804666	9.355307	.0070605

Sample Name: J5873-02 Acquired: 11/19/2018 14:22:01 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	1.071070	.1614437	.5025363
Stddev	.014002	.0013507	.0050313
%RSD	1.307334	.8366208	1.001177

#1	1.084778	.1616868	.5083105
#2	1.056791	.1599880	.4990944
#3	1.071641	.1626563	.5002039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.432	2855.687	58393.61	5654.905	3475.741
Stddev	3.466	.847	230.16	13.778	1.978
%RSD	.1355747	.0296534	.3941544	.2436514	.0569145

#1	2556.038	2856.010	58127.84	5639.044	3473.611
#2	2553.180	2856.325	58527.54	5661.756	3477.521
#3	2560.078	2854.727	58525.44	5663.914	3476.089

Sample Name: J5873-03 Acquired: 11/19/2018 14:26:02 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	.0709114	-.004093	.5595077	.0157061	.0092792	139.9885	2.400821
Stddev	.0019782	.007460	.0019020	.0101638	.0007226	.4503	.004580
%RSD	2.789694	182.2717	.3399437	64.71265	7.787553	.3216716	.1907556

#1	.0713127	.002835	.5573671	.0074111	.0099559	140.4997	2.405125
#2	.0726582	-.003123	.5601526	.0126634	.0093637	139.6506	2.396008
#3	.0687633	-.011991	.5610034	.0270437	.0085181	139.8152	2.401331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104583	.0078626	62.21446	.1505161	.1294911	.2340223	166.2598
Stddev	.0000396	.0000375	.21703	.0018045	.0006244	.0028063	1.0788
%RSD	.3786508	.4763068	.3488461	1.198899	.4822079	1.199166	.6488584

#1	.0104142	.0078894	62.08369	.1485347	.1288404	.2369793	167.5052
#2	.0104701	.0078198	62.09471	.1509485	.1300854	.2336915	165.6135
#3	.0104907	.0078786	62.46499	.1520652	.1295474	.2313960	165.6608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.559776	41.80989	.1922773	.0034198	1.576602	.2555320	.8377112
Stddev	.057841	.32372	.0004772	.0006777	.112762	.0022534	.0134830
%RSD	.6757358	.7742714	.2481785	19.81805	7.152191	.8818373	1.609505

#1	8.551440	42.17944	.1920919	.0041084	1.466650	.2548362	.8531690
#2	8.506555	41.67381	.1919206	.0027534	1.691978	.2537085	.8283755
#3	8.621333	41.57643	.1928193	.0033976	1.571178	.2580512	.8315889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.42290	8.858845	-.029661	.0024502	3.130578	12.13198	.0048138
Stddev	.22996	.045936	.005154	.0005667	.012742	.48817	.0009580
%RSD	.6491759	.5185337	17.37691	23.12906	.4070191	4.023860	19.90204

#1	35.67108	8.812573	-.026245	.0024966	3.135543	11.70401	.0059197
#2	35.21706	8.859522	-.027149	.0018617	3.140090	12.02825	.0042830
#3	35.38055	8.904438	-.035590	.0029923	3.116101	12.66368	.0042386

Sample Name: J5873-03 Acquired: 11/19/2018 14:26:02 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	1.554997	.1379422	.3833667
Stddev	.010262	.0017994	.0014708
%RSD	.6599218	1.304473	.3836449

#1	1.559257	.1372605	.3840355
#2	1.543292	.1365833	.3816803
#3	1.562444	.1399829	.3843841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.567	2825.516	57826.12	5568.360	3484.515
Stddev	35.860	3.613	705.49	29.546	3.818
%RSD	1.417628	.1278710	1.220026	.5306051	.1095610

#1	2569.475	2824.477	58632.03	5552.449	3487.315
#2	2500.050	2822.537	57320.17	5602.452	3480.166
#3	2519.177	2829.535	57526.17	5550.179	3486.063

Sample Name: J5873-04 Acquired: 11/19/2018 14:30:03 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	.0464642	-.009391	.2550721	.0135586	.0066610	151.3244	2.004051
Stddev	.0036035	.001541	.0016261	.0017825	.0004263	.6847	.010318
%RSD	7.755407	16.40663	.6375098	13.14637	6.399859	.4524985	.5148365

#1	.0473993	-.009756	.2566043	.0156161	.0070273	151.5150	2.006953
#2	.0424853	-.007701	.2533660	.0124830	.0067626	151.8936	2.012607
#3	.0495079	-.010717	.2552460	.0125767	.0061931	150.5645	1.992593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114052	.0041002	50.32096	.1630714	.1168868	.1892808	176.4591
Stddev	.0001523	.0001965	.04806	.0011120	.0003986	.0018283	1.2569
%RSD	1.335088	4.793158	.0955002	.6819244	.3409708	.9659378	.7123146

#1	.0115590	.0039609	50.36877	.1628530	.1164481	.1910861	175.9216
#2	.0114022	.0040147	50.27266	.1642764	.1169860	.1893259	177.8954
#3	.0112545	.0043250	50.32147	.1620847	.1172264	.1874303	175.5602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.376785	46.53149	.2054502	.0010272	2.075027	.2433727	.5585137
Stddev	.030295	.23880	.0011828	.0002908	.099292	.0058626	.0369557
%RSD	.4750769	.5131997	.5757236	28.30948	4.785080	2.408894	6.616787

#1	6.391339	46.53178	.2068138	.0008735	2.189679	.2492678	.5293563
#2	6.341960	46.77015	.2047014	.0013625	2.017502	.2433072	.5461090
#3	6.397057	46.29255	.2048353	.0008454	2.017899	.2375431	.6000758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.43347	7.645428	-.040627	.0013982	2.164273	12.50857	.0048845
Stddev	.11268	.007413	.002977	.0002114	.011079	.05728	.0022179
%RSD	.3474185	.0969607	7.327387	15.12201	.5119040	.4578989	45.40769

#1	32.50628	7.650019	-.044062	.0015155	2.175757	12.56256	.0058235
#2	32.49045	7.636876	-.038801	.0015251	2.153649	12.51465	.0023515
#3	32.30368	7.649389	-.039018	.0011542	2.163412	12.44849	.0064784

Sample Name: J5873-04 Acquired: 11/19/2018 14:30:03 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	1.419469	.1410158	.4216414
Stddev	.006137	.0009470	.0009709
%RSD	.4323256	.6715474	.2302723

#1	1.413466	.1419695	.4227434
#2	1.419211	.1400757	.4209117
#3	1.425731	.1410023	.4212691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.479	2880.726	58508.22	5691.652	3517.023
Stddev	9.847	2.848	230.54	31.819	1.412
%RSD	.3826182	.0988623	.3940328	.5590523	.0401395

#1	2577.271	2878.994	58589.57	5659.811	3517.276
#2	2562.300	2884.013	58248.03	5691.697	3515.501
#3	2580.866	2879.172	58687.05	5723.449	3518.290

Sample Name: J5873-05 Acquired: 11/19/2018 14:34:04 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	.0690781	-.008439	.7787296	.0132734	.0088258	160.7342	2.542504
Stddev	.0016574	.003592	.0067485	.0033115	.0014778	.1602	.002662
%RSD	2.399318	42.56856	.8666023	24.94832	16.74425	.0996773	.1047125

#1	.0682584	-.011115	.7725380	.0107617	.0072459	160.6103	2.542648
#2	.0709856	-.004356	.7777277	.0170262	.0090571	160.6772	2.539772
#3	.0679902	-.009846	.7859230	.0120324	.0101743	160.9151	2.545091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133954	.0076292	68.58918	.1736530	.1324755	.2068242	203.3656
Stddev	.0000899	.0001424	.33694	.0002337	.0007783	.0013488	.5051
%RSD	.6709297	1.865957	.4912367	.1345827	.5875165	.6521627	.2483770

#1	.0133809	.0074993	68.31657	.1738326	.1317228	.2053979	203.2028
#2	.0133137	.0077814	68.48509	.1733888	.1324267	.2080792	202.9620
#3	.0134917	.0076070	68.96588	.1737377	.1332771	.2069954	203.9320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.310154	51.44328	.2284052	.0033072	1.899417	.3300717	1.164143
Stddev	.009042	.20922	.0021322	.0002202	.149654	.0115719	.013939
%RSD	.1236843	.4067059	.9335060	6.658619	7.878924	3.505888	1.197339

#1	7.301832	51.26618	.2266908	.0033208	1.761883	.3283551	1.167321
#2	7.319775	51.67414	.2277321	.0030806	1.877578	.3194539	1.148889
#3	7.308856	51.38953	.2307927	.0035204	2.058790	.3424061	1.176218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.87195	14.62558	-.045070	.0023410	3.263843	10.09279	.0073997
Stddev	.03646	.05217	.004994	.0003234	.020722	.00241	.0015571
%RSD	.0914449	.3567139	11.08075	13.81662	.6348973	.0238435	21.04262

#1	39.86481	14.57673	-.049404	.0024474	3.269065	10.09163	.0091189
#2	39.83959	14.61949	-.046198	.0025977	3.241009	10.09118	.0060843
#3	39.91145	14.68053	-.039608	.0019777	3.281454	10.09556	.0069959

Sample Name: J5873-05 Acquired: 11/19/2018 14:34:04 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	1.991347	.1722208	.5493041
Stddev	.014572	.0009722	.0011500
%RSD	.7317508	.5645028	.2093555

#1	1.975020	.1712346	.5486091
#2	1.995988	.1731783	.5486717
#3	2.003033	.1722495	.5506315

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.584	2891.185	59012.79	5693.010	3460.409
Stddev	1.502	5.514	117.81	13.321	4.625
%RSD	.0581502	.1907326	.1996296	.2339894	.1336527

#1	2582.759	2885.070	59087.72	5704.505	3463.432
#2	2581.003	2892.705	59073.64	5678.411	3462.711
#3	2583.991	2895.780	58877.00	5696.115	3455.085

Sample Name: J5873-06 Acquired: 11/19/2018 14:38:05 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	.0585761	-.010130	.4420490	.0154762	.0055565	159.8246	2.810671
Stddev	.0088068	.003668	.0033054	.0034379	.0028453	.5592	.008712
%RSD	15.03472	36.20375	.7477404	22.21387	51.20713	.3499060	.3099516

#1	.0669359	-.014339	.4445762	.0188406	.0036474	159.6582	2.806648
#2	.0493818	-.007620	.4383084	.0119693	.0088267	159.3675	2.804699
#3	.0594107	-.008432	.4432624	.0156187	.0041953	160.4482	2.820668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122342	.0063931	56.53877	.1972416	.1514908	.2577476	219.5768
Stddev	.0001343	.0000774	.18299	.0014502	.0008032	.0042411	.7577
%RSD	1.098054	1.211267	.3236482	.7352531	.5301991	1.645436	.3450919

#1	.0123892	.0064520	56.52255	.1971988	.1520392	.2573469	219.0332
#2	.0121619	.0064219	56.36443	.1987127	.1505689	.2537212	219.2548
#3	.0121514	.0063054	56.72932	.1958132	.1518644	.2621749	220.4424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.325061	34.32506	.2126952	.0014443	1.959469	.3954011	.8380799
Stddev	.026384	.20200	.0014689	.0001377	.044966	.0022839	.0136229
%RSD	.2829386	.5884812	.6906275	9.536362	2.294828	.5776044	1.625493

#1	9.314288	34.20490	.2115716	.0013300	1.984381	.3927644	.8283502
#2	9.305769	34.55827	.2121566	.0015972	1.986467	.3966787	.8322404
#3	9.355128	34.21202	.2143574	.0014056	1.907560	.3967603	.8536491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.37561	17.01272	-.052923	.0029676	2.934790	2.681601	.0079224
Stddev	.13469	.05640	.003054	.0004325	.011007	.013573	.0008962
%RSD	.3918280	.3315418	5.770245	14.57373	.3750436	.5061662	11.31214

#1	34.40254	16.94813	-.053487	.0026549	2.942474	2.693912	.0088775
#2	34.22949	17.05229	-.055655	.0027867	2.922181	2.667046	.0070998
#3	34.49480	17.03773	-.049626	.0034612	2.939715	2.683845	.0077898

Sample Name: J5873-06 Acquired: 11/19/2018 14:38:05 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	3.039224	.2025339	.4666143
Stddev	.020576	.0006527	.0006324
%RSD	.6770213	.3222639	.1355311

#1	3.023601	.2020053	.4662942
#2	3.031533	.2032635	.4662060
#3	3.062537	.2023331	.4673428

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.136	2916.102	59101.56	5764.472	3480.046
Stddev	26.733	3.811	169.39	34.601	3.520
%RSD	1.033304	.1306758	.2866009	.6002436	.1011447

#1	2584.099	2919.253	59169.59	5735.445	3481.830
#2	2615.258	2917.187	59226.34	5802.762	3482.316
#3	2562.051	2911.867	58908.73	5755.209	3475.991

Sample Name: J5873-07 Acquired: 11/19/2018 14:42:06 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	.0969199	-.010748	1.318656	.0171660	.0118856	154.4336	2.784713
Stddev	.0027059	.002034	.003240	.0006703	.0006783	3.1956	.058204
%RSD	2.791893	18.92522	.2457152	3.904556	5.707047	2.069234	2.090110

#1	.0983591	-.009132	1.316264	.0164288	.0126140	155.4380	2.798275
#2	.0937986	-.013032	1.317361	.0177388	.0117708	150.8565	2.720926
#3	.0986021	-.010080	1.322344	.0173305	.0112720	157.0064	2.834939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113351	.0120816	58.67505	.1985950	.1413485	.3049749	214.1380
Stddev	.0001396	.0000370	1.16063	.0019556	.0002550	.0046252	3.9748
%RSD	1.231089	.3064262	1.978063	.9847213	.1804391	1.516593	1.856168

#1	.0112848	.0120572	58.98960	.1974544	.1412722	.3042009	215.3090
#2	.0112277	.0121242	57.38957	.2008531	.1411402	.3007854	209.7093
#3	.0114928	.0120634	59.64599	.1974776	.1416329	.3099382	217.3958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.664883	33.44591	.2080486	.0071742	2.211621	.4232304	1.524453
Stddev	.207376	.77641	.0004228	.0006876	.229022	.0106958	.024392
%RSD	2.393297	2.321375	.2032066	9.584629	10.35537	2.527186	1.600054

#1	8.698221	33.59365	.2081857	.0076574	2.347528	.4272273	1.544589
#2	8.442857	32.60625	.2083857	.0063870	1.947204	.4111117	1.497330
#3	8.853571	34.13784	.2075742	.0074782	2.340129	.4313522	1.531439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.86205	17.59879	-.048513	.0040019	3.381893	8.516532	.0104386
Stddev	.56283	.05217	.003874	.0002084	.001175	.136807	.0006201
%RSD	1.884770	.2964163	7.986212	5.206485	.0347317	1.606366	5.940467

#1	30.07981	17.55014	-.044045	.0042308	3.380583	8.509565	.0106839
#2	29.22287	17.59236	-.050930	.0039517	3.382245	8.383343	.0097334
#3	30.28347	17.65387	-.050566	.0038232	3.382853	8.656690	.0108986

Sample Name: J5873-07 Acquired: 11/19/2018 14:42:06 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	3.509354	.1839681	.4572808
Stddev	.066745	.0045311	.0100555
%RSD	1.901904	2.462966	2.198979

#1	3.530384	.1866432	.4592655
#2	3.434628	.1787365	.4463809
#3	3.563051	.1865246	.4661959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.126	2868.327	58350.09	5728.402	3447.342
Stddev	20.571	4.296	535.71	79.316	7.286
%RSD	.8091939	.1497808	.9180979	1.384617	.2113656

#1	2538.600	2867.583	58354.17	5694.453	3449.855
#2	2523.547	2872.946	57812.35	5819.042	3453.040
#3	2564.232	2864.451	58883.75	5671.710	3439.132

Sample Name: J5873-08 Acquired: 11/19/2018 14:46:08 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	.0667779	-.005455	.6844234	.0118444	.0082689	145.5085	2.687149
Stddev	.0015933	.002080	.0022381	.0038058	.0023498	.6075	.003487
%RSD	2.386023	38.12705	.3269976	32.13175	28.41668	.4174690	.1297566

#1	.0661326	-.005582	.6836271	.0143776	.0058122	145.0429	2.686148
#2	.0656084	-.007469	.6826924	.0136877	.0104946	145.2870	2.684272
#3	.0685927	-.003315	.6869507	.0074679	.0085000	146.1956	2.691026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107973	.0101424	68.89866	.1567485	.1289223	.2574538	171.1755
Stddev	.0001090	.0000439	.28227	.0012382	.0007106	.0035692	.4781
%RSD	1.009695	.4327502	.4096884	.7899205	.5512049	1.386339	.2793124

#1	.0108343	.0101557	68.59373	.1581113	.1287046	.2535390	170.6953
#2	.0108831	.0101781	69.15083	.1556928	.1283460	.2605270	171.1798
#3	.0106746	.0100934	68.95141	.1564413	.1297163	.2582954	171.6515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.833436	44.00525	.2113902	.0035231	1.416871	.2505354	.9871839
Stddev	.038621	.34541	.0006942	.0004457	.249321	.0048191	.0208053
%RSD	.3927518	.7849278	.3283937	12.64948	17.59658	1.923504	2.107537

#1	9.820853	43.76388	.2118707	.0037023	1.700722	.2504255	.9963284
#2	9.876779	43.85096	.2105943	.0030157	1.233321	.2554085	1.001851
#3	9.802676	44.40091	.2117055	.0038512	1.316571	.2457723	.963373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.01353	9.133960	-.030827	.0027063	3.680581	13.32359	.0048457
Stddev	.12484	.006831	.003449	.0001639	.013871	.53305	.0011633
%RSD	.3372768	.0747854	11.18665	6.054869	.3768675	4.000828	24.00732

#1	37.02155	9.133365	-.033791	.0027258	3.672930	12.74063	.0038821
#2	36.88488	9.141069	-.031649	.0025335	3.672220	13.44401	.0061380
#3	37.13416	9.127446	-.027042	.0028595	3.696592	13.78613	.0045170

Sample Name: J5873-08 Acquired: 11/19/2018 14:46:08 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	1.525240	.1485966	.4042839
Stddev	.014012	.0001667	.0011641
%RSD	.9186684	.1122116	.2879482

#1	1.514797	.1484044	.4040429
#2	1.519760	.1486826	.4055497
#3	1.541164	.1487028	.4032591

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.234	2828.822	57744.34	5595.344	3471.895
Stddev	10.228	3.546	92.86	6.396	3.658
%RSD	.4037523	.1253665	.1608124	.1143040	.1053597

#1	2539.225	2831.242	57829.80	5601.634	3471.029
#2	2539.053	2824.752	57757.69	5588.848	3468.748
#3	2521.424	2830.473	57645.52	5595.550	3475.908

Sample Name: J5873-09 Acquired: 11/19/2018 14:50:09 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	.0713950	-.008709	.3802912	.0129341	.0057823	131.1471	1.738144
Stddev	.0022876	.001395	.0017375	.0048927	.0003547	.0723	.004221
%RSD	3.204096	16.01793	.4568976	37.82750	6.133862	.0551482	.2428322

#1	.0735155	-.007175	.3796812	.0090664	.0053769	131.2089	1.733975
#2	.0716987	-.009902	.3822515	.0184343	.0059346	131.0676	1.742415
#3	.0689707	-.009049	.3789409	.0113017	.0060353	131.1648	1.738042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098038	.0076840	39.65615	.1473712	.1140572	.2531516	159.8777
Stddev	.0001456	.0000792	.31146	.0002696	.0003601	.0037833	.9884
%RSD	1.485383	1.030532	.7853992	.1829125	.3157003	1.494488	.6182090

#1	.0099708	.0076405	39.48430	.1476824	.1136483	.2504013	161.0173
#2	.0097030	.0076360	40.01568	.1472131	.1143270	.2515872	159.3610
#3	.0097376	.0077753	39.46848	.1472181	.1141963	.2574662	159.2548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.781239	34.50845	.1733321	.0019289	1.318484	.2529753	.6408737
Stddev	.065041	.17308	.0010863	.0002437	.379423	.0047285	.0185064
%RSD	.8358721	.5015718	.6267338	12.63621	28.77718	1.869148	2.887686

#1	7.784299	34.70676	.1720951	.0021956	1.645869	.2573699	.6447190
#2	7.844696	34.38776	.1741308	.0017176	.902649	.2479719	.6571554
#3	7.714722	34.43083	.1737705	.0018736	1.406935	.2535840	.6207467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.05784	6.778353	-.033129	.0030932	2.718161	12.93248	.0055080
Stddev	.08890	.013908	.001953	.0001545	.025347	.11742	.0016806
%RSD	.2773044	.2051781	5.894652	4.993894	.9325056	.9079508	30.51235

#1	32.15918	6.777178	-.034372	.0029183	2.717210	13.04767	.0061823
#2	32.02134	6.765071	-.030878	.0031505	2.693304	12.81295	.0067467
#3	31.99300	6.792812	-.034136	.0032109	2.743971	12.93684	.0035949

Sample Name: J5873-09 Acquired: 11/19/2018 14:50:09 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	1.696609	.1394225	.3677153
Stddev	.007286	.0010085	.0010704
%RSD	.4294565	.7233433	.2910917

#1	1.698081	.1385383	.3674881
#2	1.703046	.1392083	.3688810
#3	1.688699	.1405209	.3667767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.931	2855.646	58135.57	5618.374	3546.333
Stddev	15.455	2.400	192.33	36.216	5.746
%RSD	.6070351	.0840377	.3308346	.6446009	.1620176

#1	2563.650	2853.438	58140.27	5577.207	3540.778
#2	2535.233	2855.300	57940.92	5645.326	3545.969
#3	2538.911	2858.200	58325.50	5632.588	3552.252

Sample Name: J5873-10 Acquired: 11/19/2018 14:54:09 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	.0358714	-.011176	.2346491	.0117804	.0046372	165.8446	1.542956
Stddev	.0030688	.000198	.0043780	.0068420	.0026512	.9414	.009052
%RSD	8.555074	1.775561	1.865771	58.07961	57.17220	.5676508	.5866780

#1	.0353779	-.011258	.2395804	.0055411	.0056761	166.8528	1.553372
#2	.0391570	-.011320	.2331472	.0190973	.0016239	165.6925	1.538511
#3	.0330792	-.010950	.2312197	.0107029	.0066117	164.9885	1.536986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123155	.0030651	42.63771	.1527242	.0999640	.1797178	167.3254
Stddev	.0001113	.0001690	.32167	.0009718	.0014691	.0062542	1.3462
%RSD	.9040913	5.514859	.7544226	.6363267	1.469629	3.480028	.8045230

#1	.0124161	.0032423	43.00508	.1538115	.1015798	.1727719	168.0847
#2	.0123347	.0030473	42.50149	.1524210	.0987086	.1814787	168.1203
#3	.0121959	.0029056	42.40657	.1519401	.0996036	.1849028	165.7711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.795371	57.19224	.1851544	.0016669	3.081029	.1919876	.5376895
Stddev	.028112	.40286	.0025646	.0002755	.120321	.0052136	.0125088
%RSD	.5862370	.7043975	1.385142	16.52790	3.905229	2.715585	2.326394

#1	4.825425	57.61135	.1880252	.0015511	2.972631	.1914873	.5464226
#2	4.790967	57.15751	.1843485	.0019814	3.059964	.1870422	.5233595
#3	4.769720	56.80787	.1830895	.0014682	3.210491	.1974333	.5432863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.86749	5.478909	-.037834	.0011868	1.634092	7.061225	.0057345
Stddev	.21535	.076914	.003441	.0003286	.016371	.306716	.0021284
%RSD	.7210319	1.403819	9.095057	27.69131	1.001811	4.343662	37.11609

#1	30.10213	5.567602	-.041247	.0015153	1.651660	6.772610	.0065749
#2	29.82149	5.438549	-.034366	.0008580	1.631352	7.027767	.0033141
#3	29.67886	5.430575	-.037891	.0011869	1.619265	7.383298	.0073143

Sample Name: J5873-10 Acquired: 11/19/2018 14:54:09 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	.9057844	.1779527	.5592819
Stddev	.0034102	.0011525	.0027204
%RSD	.3764867	.6476294	.4864122

#1	.9097178	.1791117	.5619915
#2	.9036582	.1768069	.5593034
#3	.9039773	.1779395	.5565508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.964	2845.201	58593.86	5637.560	3445.017
Stddev	13.624	29.725	239.52	49.319	44.011
%RSD	.5303222	1.044731	.4087760	.8748300	1.277522

#1	2583.808	2812.656	58864.43	5581.055	3396.357
#2	2557.032	2852.029	58408.93	5659.661	3456.654
#3	2566.052	2870.917	58508.23	5671.962	3482.040

Sample Name: J5873-11 Acquired: 11/19/2018 14:58:10 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	.0672784	-.010436	.7348153	.0144058	.0093790	152.7422	2.824490
Stddev	.0024785	.002702	.0029013	.0027396	.0018462	.3386	.005560
%RSD	3.683978	25.88893	.3948355	19.01752	19.68426	.2216915	.1968593

#1	.0693908	-.013374	.7317735	.0151516	.0114686	152.3630	2.818173
#2	.0645499	-.009873	.7351205	.0166953	.0079687	153.0142	2.826654
#3	.0678944	-.008059	.7375519	.0113705	.0086996	152.8495	2.828643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118575	.0080190	59.19347	.1820006	.1469877	.2663634	214.8891
Stddev	.0000550	.0001582	.15571	.0006247	.0005574	.0062763	.5346
%RSD	.4640533	1.972779	.2630495	.3432304	.3791949	2.356284	.2487812

#1	.0119000	.0079336	59.31758	.1827212	.1466363	.2633635	214.7342
#2	.0117953	.0082016	59.01876	.1816122	.1476304	.2621501	215.4840
#3	.0118771	.0079218	59.24409	.1816683	.1466965	.2735767	214.4490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.885779	34.18973	.1951920	.0024850	2.129619	.4139889	1.051781
Stddev	.043250	.16537	.0007236	.0001108	.225836	.0083587	.016560
%RSD	.4374948	.4836813	.3706960	4.459722	10.60452	2.019052	1.574458

#1	9.925503	33.99936	.1944044	.0024914	2.037231	.4147785	1.070895
#2	9.839706	34.27204	.1953442	.0025925	1.964625	.4052635	1.041751
#3	9.892129	34.29779	.1958274	.0023711	2.387001	.4219248	1.042697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.53807	17.28811	-.059816	.0038636	3.341849	10.31668	.0097580
Stddev	.15359	.06846	.000990	.0001629	.022902	.24346	.0018011
%RSD	.5029594	.3959780	1.655218	4.215690	.6853028	2.359841	18.45785

#1	30.36074	17.23397	-.060701	.0038515	3.321220	10.06696	.0079926
#2	30.62928	17.26529	-.058747	.0037071	3.337833	10.32972	.0096884
#3	30.62419	17.36506	-.060001	.0040322	3.366493	10.55335	.0115928

Sample Name: J5873-11 Acquired: 11/19/2018 14:58:10 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	3.529928	.1860782	.4687124
Stddev	.012468	.0011072	.0015872
%RSD	.3532005	.5950467	.3386217

#1	3.525824	.1848907	.4691117
#2	3.520030	.1870824	.4669638
#3	3.543931	.1862614	.4700619

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.597	2878.759	58931.39	5671.266	3506.799
Stddev	17.669	3.603	191.19	10.254	2.818
%RSD	.6828369	.1251470	.3244240	.1808127	.0803638

#1	2598.478	2874.659	58899.30	5679.988	3509.398
#2	2567.210	2881.419	58758.27	5673.841	3507.195
#3	2597.103	2880.198	59136.59	5659.970	3503.803

Sample Name: J5873-12 Acquired: 11/19/2018 15:02:08 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	.0592919	-.023385	.4974276	.0138090	.0063570	157.6039	2.744156
Stddev	.0052256	.005369	.0004375	.0042417	.0013483	.7824	.010346
%RSD	8.813333	22.96043	.0879497	30.71658	21.21005	.4964396	.3770342

#1	.0593434	-.021396	.4970382	.0132400	.0069771	158.4375	2.755859
#2	.0644916	-.019293	.4973437	.0098806	.0048102	156.8855	2.736221
#3	.0540407	-.029464	.4979010	.0183064	.0072838	157.4887	2.740390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115496	.0060039	56.34937	.2003109	.1561248	.2362535	217.8286
Stddev	.0001095	.0000281	.35446	.0002594	.0008320	.0085473	.4056
%RSD	.9477765	.4679786	.6290325	.1295063	.5329269	3.617864	.1861944

#1	.0116757	.0059954	56.69253	.2005997	.1562091	.2460768	217.6923
#2	.0114940	.0060352	56.37098	.2000976	.1569114	.2321697	217.5087
#3	.0114790	.0059810	55.98461	.2002353	.1552538	.2305142	218.2848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.393234	33.45479	.2153791	.0020416	2.047965	.4941295	.8111378
Stddev	.067212	.12096	.0007416	.0001863	.396264	.0054943	.0152462
%RSD	.8007859	.3615543	.3443135	9.124194	19.34918	1.111920	1.879609

#1	8.456198	33.54135	.2147109	.0018594	2.505104	.4977272	.7949823
#2	8.401048	33.31658	.2161769	.0022317	1.802273	.4968561	.8252733
#3	8.322457	33.50643	.2152494	.0020336	1.836517	.4878052	.8131578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.91414	17.21299	-.050734	.0026826	2.848513	9.219450	.0097086
Stddev	.19730	.01578	.005503	.0002563	.008777	.206291	.0005528
%RSD	.7919020	.0916521	10.84688	9.554585	.3081238	2.237565	5.694018

#1	25.06075	17.20110	-.056887	.0029766	2.845567	9.077038	.0090768
#2	24.68982	17.23089	-.049031	.0025062	2.858384	9.125292	.0099452
#3	24.99184	17.20698	-.046283	.0025649	2.841587	9.456020	.0101037

Sample Name: J5873-12 Acquired: 11/19/2018 15:02:08 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	3.634542	.1975389	.4693836
Stddev	.014774	.0005921	.0023475
%RSD	.4064756	.2997146	.5001167

#1	3.651600	.1982224	.4717632
#2	3.626169	.1972081	.4693178
#3	3.625857	.1971862	.4670697

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.222	3036.471	61894.64	5996.913	3460.255
Stddev	23.502	5.187	483.73	53.746	4.961
%RSD	.8690934	.1708089	.7815412	.8962240	.1433696

#1	2677.650	3032.074	61367.15	5935.103	3456.231
#2	2722.283	3035.150	61999.28	6032.636	3458.735
#3	2712.733	3042.191	62317.49	6023.001	3465.798

Sample Name: J5873-13 Acquired: 11/19/2018 15:10:07 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	.0750610	-.021730	.7660392	.0224923	.0092267	175.5699	2.703680
Stddev	.0061631	.003241	.0021910	.0032619	.0007523	.4201	.001096
%RSD	8.210745	14.91310	.2860162	14.50232	8.153343	.2392870	.0405321

#1	.0687211	-.018654	.7660469	.0190863	.0090992	175.1601	2.702687
#2	.0754315	-.025113	.7682264	.0255879	.0100345	175.5498	2.703498
#3	.0810305	-.021421	.7638444	.0228027	.0085462	175.9996	2.704856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121235	.0081826	57.75388	.2062738	.1465362	.2817091	237.5464
Stddev	.0001587	.0001830	.26433	.0006257	.0001583	.0020717	1.4816
%RSD	1.308907	2.236697	.4576846	.3033237	.1080036	.7353877	.6237295

#1	.0119416	.0080708	57.96879	.2055606	.1466253	.2835378	235.8642
#2	.0122334	.0080832	57.83413	.2067302	.1463535	.2794592	238.1178
#3	.0121955	.0083938	57.45873	.2065307	.1466298	.2821302	238.6573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.322811	36.02637	.2192786	.0049313	2.565453	.4640445	1.150647
Stddev	.023925	.32251	.0002048	.0004882	.255334	.0022758	.024519
%RSD	.2874649	.8951958	.0934174	9.900285	9.952778	.4904165	2.130910

#1	8.328994	35.73022	.2190858	.0045366	2.272414	.4615844	1.151819
#2	8.343037	35.97892	.2192563	.0054772	2.683841	.4644747	1.125564
#3	8.296401	36.36998	.2194937	.0047800	2.740104	.4660745	1.174560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.21565	16.96278	-.057379	.0026591	2.790399	10.20298	.0112997
Stddev	.13754	.03278	.003423	.0002420	.006040	.14548	.0015014
%RSD	.4874760	.1932214	5.966400	9.100795	.2164469	1.425827	13.28724

#1	28.06995	16.96872	-.055970	.0029060	2.794292	10.05003	.0125051
#2	28.23374	16.99218	-.061282	.0024223	2.783442	10.21932	.0096179
#3	28.34325	16.92744	-.054885	.0026492	2.793465	10.33960	.0117762

Sample Name: J5873-13 Acquired: 11/19/2018 15:10:07 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	4.500524	.2123884	.4677785
Stddev	.018432	.0012686	.0004928
%RSD	.4095627	.5973106	.1053535

#1	4.521589	.2137978	.4683446
#2	4.492629	.2120291	.4675458
#3	4.487354	.2113381	.4674451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.213	2845.254	58357.22	5641.702	3438.445
Stddev	2.147	5.938	82.11	24.952	6.333
%RSD	.0847453	.2087124	.1407056	.4422744	.1841702

#1	2531.887	2847.247	58309.10	5664.864	3438.211
#2	2535.689	2838.575	58452.03	5615.281	3432.233
#3	2532.062	2849.938	58310.53	5644.961	3444.892

Sample Name: J5873-14 Acquired: 11/19/2018 15:14:06 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	.0677323	-.015884	.7025884	.0187335	.0095819	157.9083	2.905769
Stddev	.0015656	.005306	.0033533	.0014298	.0007134	.3778	.009276
%RSD	2.311491	33.40369	.4772797	7.632086	7.445728	.2392389	.3192238

#1	.0672339	-.009895	.7007297	.0203841	.0088711	157.6949	2.907356
#2	.0664766	-.017758	.7064595	.0179373	.0095766	157.6856	2.895801
#3	.0694865	-.019999	.7005761	.0178791	.0102980	158.3445	2.914148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123541	.0076955	61.57837	.2047871	.1482755	.2653589	225.8270
Stddev	.0001092	.0000958	.22369	.0011185	.0009202	.0003495	.6705
%RSD	.8839603	1.244560	.3632679	.5461674	.6205697	.1316932	.2968879

#1	.0122540	.0075917	61.73121	.2035159	.1473446	.2650285	225.2326
#2	.0123377	.0077805	61.32162	.2056206	.1482973	.2653235	225.6945
#3	.0124705	.0077142	61.68229	.2052247	.1491845	.2657247	226.5538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.449804	33.94503	.2273974	.0044665	1.887775	.4222403	1.050888
Stddev	.014473	.33130	.0005116	.0002109	.322330	.0021591	.012168
%RSD	.1531516	.9759962	.2249871	4.722207	17.07460	.5113378	1.157875

#1	9.458877	33.78509	.2274776	.0046835	1.569759	.4231238	1.064154
#2	9.457421	33.72404	.2268505	.0042622	2.214253	.4238174	1.040247
#3	9.433114	34.32596	.2278642	.0044540	1.879313	.4197796	1.048262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.83534	20.06472	-.053330	.0024184	3.332345	7.186519	.0091739
Stddev	.16407	.07740	.000778	.0001854	.014541	.049504	.0007988
%RSD	.4849184	.3857536	1.459432	7.665051	.4363658	.6888428	8.707367

#1	33.69787	19.99573	-.053773	.0024416	3.317227	7.239185	.0083111
#2	33.79116	20.05001	-.052432	.0025910	3.333575	7.179431	.0098877
#3	34.01697	20.14842	-.053786	.0022224	3.346232	7.140941	.0093231

Sample Name: J5873-14 Acquired: 11/19/2018 15:14:06 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	3.656958	.1928198	.4736258
Stddev	.005284	.0024956	.0006369
%RSD	.1445014	1.294260	.1344731

#1	3.655939	.1929655	.4733330
#2	3.652258	.1952393	.4731880
#3	3.662678	.1902545	.4743565

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.779	2905.678	59489.70	5758.055	3484.480
Stddev	11.265	3.143	107.93	27.378	9.955
%RSD	.4354663	.1081663	.1814279	.4754724	.2857075

#1	2573.875	2907.202	59476.63	5749.003	3492.087
#2	2591.815	2907.767	59603.58	5788.813	3488.141
#3	2594.647	2902.063	59388.91	5736.350	3473.213

Sample Name: J5873-15 Acquired: 11/19/2018 15:18:06 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	.0620553	-.013117	.6552566	.0187234	.0070847	151.6197	2.898431
Stddev	.0095786	.004636	.0041153	.0027610	.0014155	.0514	.008919
%RSD	15.43567	35.34290	.6280430	14.74600	19.97923	.0339303	.3077046

#1	.0528918	-.013375	.6591571	.0203334	.0087017	151.6645	2.905100
#2	.0720011	-.008358	.6509558	.0155354	.0060698	151.5635	2.888301
#3	.0612731	-.017619	.6556569	.0203015	.0064826	151.6311	2.901894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114570	.0072136	59.84916	.1897987	.1585325	.2497669	213.8194
Stddev	.0001022	.0000905	.11361	.0007393	.0002225	.0061265	.6059
%RSD	.8920339	1.254798	.1898203	.3894977	.1403605	2.452902	.2833903

#1	.0115736	.0071297	59.93112	.1889451	.1583728	.2480677	214.0525
#2	.0114145	.0073096	59.71948	.1902202	.1584380	.2565636	214.2742
#3	.0113829	.0072016	59.89688	.1902308	.1587867	.2446693	213.1315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77654	31.65609	.2184380	.0033851	2.058352	.4058922	.9465244
Stddev	.02104	.26727	.0002359	.0003371	.045141	.0106865	.0176195
%RSD	.1952030	.8442999	.1079822	9.958436	2.193046	2.632834	1.861498

#1	10.79809	31.36560	.2184470	.0034153	2.109073	.3941245	.9408095
#2	10.75606	31.71108	.2186692	.0037061	2.043398	.4085602	.9662920
#3	10.77548	31.89160	.2181978	.0030339	2.022587	.4149919	.9324718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.09154	20.12979	-.056509	.0027153	3.099864	2.424711	.0078318
Stddev	.06648	.03745	.001114	.0001134	.005648	.003871	.0018633
%RSD	.2138288	.1860583	1.970531	4.177542	.1821994	.1596348	23.79196

#1	31.01622	20.17290	-.057729	.0028390	3.096278	2.429177	.0099378
#2	31.11634	20.11124	-.056253	.0026162	3.096940	2.422629	.0071600
#3	31.14205	20.10523	-.055546	.0026906	3.106375	2.422327	.0063975

Sample Name: J5873-15 Acquired: 11/19/2018 15:18:06 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	3.202946	.1892556	.4321076
Stddev	.003284	.0001659	.0010872
%RSD	.1025180	.0876732	.2515963

#1	3.199288	.1893533	.4333143
#2	3.203910	.1893496	.4312045
#3	3.205640	.1890640	.4318041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.210	2876.672	59105.98	5678.538	3488.347
Stddev	14.196	2.319	261.79	9.107	4.376
%RSD	.5508452	.0806184	.4429105	.1603737	.1254510

#1	2587.168	2877.315	59261.90	5687.637	3483.757
#2	2560.954	2878.602	58803.75	5669.423	3492.472
#3	2583.508	2874.099	59252.30	5678.554	3488.812

Sample Name: J5873-16 Acquired: 11/19/2018 15:22:05 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	.0741839	-.019328	.9161061	.0234405	.0099084	167.9666	2.848905
Stddev	.0056270	.002057	.0029168	.0010048	.0032437	.4689	.005276
%RSD	7.585148	10.64392	.3183880	4.286393	32.73699	.2791548	.1851769

#1	.0790472	-.016974	.9146650	.0237576	.0100798	167.5923	2.848978
#2	.0680208	-.020225	.9141904	.0223154	.0065823	167.8150	2.843593
#3	.0754838	-.020784	.9194630	.0242484	.0130629	168.4925	2.854143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120438	.0093316	65.96566	.2149376	.1402314	.3075367	240.2083
Stddev	.0000600	.0001454	.11474	.0004999	.0005033	.0059430	.9349
%RSD	.4980774	1.558277	.1739383	.2325801	.3589252	1.932442	.3891883

#1	.0119759	.0091865	65.91889	.2145562	.1404169	.3006828	239.2380
#2	.0120661	.0093311	66.09639	.2147531	.1396616	.3106691	240.2837
#3	.0120895	.0094773	65.88169	.2155036	.1406156	.3112582	241.1031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.145977	37.63642	.2308236	.0054339	2.558212	.4556957	1.312500
Stddev	.071986	.16218	.0008305	.0003939	.168524	.0022541	.025687
%RSD	.7870775	.4309131	.3597831	7.248618	6.587573	.4946434	1.957112

#1	9.123663	37.48013	.2298783	.0050129	2.478953	.4582958	1.341118
#2	9.226478	37.62523	.2314359	.0054956	2.443929	.4544978	1.304944
#3	9.087791	37.80391	.2311565	.0057934	2.751753	.4542935	1.291439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.96804	18.47728	-.046697	.0030343	3.379375	11.81458	.0091139
Stddev	.08906	.03072	.001175	.0005645	.013578	.07460	.0009489
%RSD	.2701417	.1662638	2.516499	18.60531	.4017905	.6313967	10.41095

#1	32.93759	18.46334	-.045647	.0024330	3.389507	11.72974	.0098920
#2	32.89821	18.45601	-.046478	.0031167	3.384671	11.84415	.0080569
#3	33.06834	18.51251	-.047966	.0035530	3.363947	11.86986	.0093928

Sample Name: J5873-16 Acquired: 11/19/2018 15:22:05 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	4.145508	.1968172	.4905797
Stddev	.024477	.0005986	.0012855
%RSD	.5904503	.3041545	.2620267

#1	4.135426	.1961709	.4902073
#2	4.173416	.1969279	.4920102
#3	4.127682	.1973527	.4895215

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.948	2831.701	57811.82	5620.743	3440.883
Stddev	7.083	2.807	109.25	29.353	5.043
%RSD	.2825226	.0991306	.1889783	.5222252	.1465742

#1	2504.716	2829.742	57728.47	5646.046	3441.736
#2	2514.877	2834.917	57935.51	5627.622	3445.446
#3	2501.250	2830.444	57771.50	5588.561	3435.468

Sample Name: J5873-17 Acquired: 11/19/2018 15:26:06 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	.0708992	-.016113	.7186981	.0162042	.0104794	152.0846	2.924795
Stddev	.0080287	.002004	.0177950	.0044529	.0014056	.1985	.005463
%RSD	11.32418	12.43556	2.476000	27.47970	13.41256	.1305365	.1867712

#1	.0698196	-.017311	.7084700	.0171843	.0116660	152.2558	2.923334
#2	.0634648	-.013800	.7083783	.0200854	.0089272	151.8670	2.930840
#3	.0794131	-.017229	.7392458	.0113430	.0108450	152.1310	2.920212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119412	.0081011	64.42017	.2028605	.1373256	.3019311	233.6418
Stddev	.0000172	.0004764	.32528	.0000548	.0038595	.0040450	1.2820
%RSD	.1440702	5.880317	.5049318	.0270374	2.810482	1.339700	.5487094

#1	.0119244	.0077787	64.64451	.2028257	.1357995	.2989769	233.8063
#2	.0119403	.0078764	64.56888	.2029238	.1344625	.3065413	232.2855
#3	.0119588	.0086483	64.04712	.2028322	.1417148	.3002751	234.8337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.536526	36.97733	.2387747	.0047235	2.340559	.4217733	1.093025
Stddev	.058186	.26363	.0059440	.0002579	.035522	.0031908	.021550
%RSD	.6101420	.7129401	2.489359	5.459671	1.517659	.7565094	1.971581

#1	9.586869	37.02279	.2351656	.0044561	2.321944	.4249914	1.114702
#2	9.549889	36.69392	.2355234	.0047437	2.381520	.4186106	1.092769
#3	9.472821	37.21526	.2456351	.0049707	2.318214	.4217179	1.071604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.75953	20.10104	-.057276	.0026967	3.330933	6.061726	.0092524
Stddev	.02513	.53476	.003042	.0001737	.091720	.011006	.0015068
%RSD	.0723050	2.660340	5.311729	6.440486	2.753578	.1815630	16.28516

#1	34.78601	19.82377	-.056460	.0028228	3.292461	6.049893	.0086037
#2	34.73601	19.76185	-.060644	.0024986	3.264715	6.071657	.0109749
#3	34.75657	20.71749	-.054726	.0027688	3.435623	6.063628	.0081786

Sample Name: J5873-17 Acquired: 11/19/2018 15:26:06 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	3.388781	.1731033	.4739695
Stddev	.023185	.0019035	.0013995
%RSD	.6841597	1.099633	.2952730

#1	3.413948	.1747751	.4752960
#2	3.384101	.1710316	.4741055
#3	3.368293	.1735032	.4725069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.782	2832.365	58267.44	5664.762	3452.543
Stddev	8.001	43.637	48.20	11.147	69.950
%RSD	.3135343	1.540657	.0827276	.1967700	2.026042

#1	2554.591	2855.519	58295.93	5671.392	3486.252
#2	2558.000	2859.545	58294.60	5651.893	3499.256
#3	2542.756	2782.031	58211.78	5671.000	3372.122

Sample Name: J5873-18 Acquired: 11/19/2018 15:30:06 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	.0537838	-.010827	.2542783	.0120736	.0039082	140.6224	2.072380
Stddev	.0055620	.002432	.0039802	.0003959	.0015508	.3281	.002223
%RSD	10.34143	22.46561	1.565291	3.279285	39.68180	.2333280	.1072794

#1	.0527561	-.011655	.2521340	.0125271	.0027668	140.2488	2.070576
#2	.0488073	-.012737	.2518300	.0118973	.0032839	140.7547	2.074864
#3	.0597879	-.008089	.2588709	.0117965	.0056739	140.8638	2.071701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105344	.0048324	133.1972	.1451702	.1080514	.2070228	162.3021
Stddev	.0002550	.0000576	.1080	.0000906	.0009073	.0087094	1.0267
%RSD	2.420717	1.192214	.0810973	.0624411	.8397022	4.206957	.6326134

#1	.0103875	.0048344	133.0825	.1452580	.1073683	.2159615	161.1189
#2	.0103868	.0047738	133.2119	.1450770	.1077051	.2065445	162.9592
#3	.0108288	.0048889	133.2971	.1451756	.1090809	.1985625	162.8281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.014256	40.86826	.1944893	.0012318	1.324403	.2186229	.5698352
Stddev	.001179	.18752	.0018425	.0002962	.174738	.0080896	.0166750
%RSD	.0168067	.4588469	.9473607	24.04367	13.19374	3.700254	2.926276

#1	7.015343	40.65172	.1936452	.0013092	1.477191	.2119659	.5515005
#2	7.014421	40.97666	.1932200	.0009046	1.133880	.2276264	.5739101
#3	7.013003	40.97638	.1966026	.0014816	1.362137	.2162764	.5840950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.88796	7.431463	-.032892	.0015184	3.068706	10.21193	.0040731
Stddev	.12401	.078150	.003150	.0003343	.032809	.13772	.0001589
%RSD	.3455468	1.051609	9.577048	22.01284	1.069158	1.348606	3.902003

#1	35.75798	7.370662	-.033070	.0011580	3.050843	10.13517	.0039237
#2	35.90090	7.404116	-.029657	.0015789	3.048703	10.12970	.0042401
#3	36.00499	7.519611	-.035949	.0018183	3.106570	10.37092	.0040555

Sample Name: J5873-18 Acquired: 11/19/2018 15:30:06 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	1.416904	.1575989	.3726421
Stddev	.004514	.0014549	.0005631
%RSD	.3185563	.9231507	.1511089

#1	1.412646	.1575105	.3719968
#2	1.416430	.1590960	.3728960
#3	1.421636	.1561903	.3730336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.981	2774.999	56983.67	5557.371	3428.575
Stddev	10.009	19.506	356.85	42.797	31.483
%RSD	.4030865	.7029042	.6262336	.7700986	.9182421

#1	2484.350	2784.703	56876.25	5597.680	3443.810
#2	2472.358	2787.749	56692.87	5561.976	3449.542
#3	2492.234	2752.544	57381.89	5512.458	3392.373

Sample Name: J5873-19 Acquired: 11/19/2018 15:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0439 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3543430	.0096602	8.513409	.0242375	.0614172	148.4099	2.577111
Stddev	.0080181	.0075780	.244415	.0030279	.0027305	2.3793	.048586
%RSD	2.262822	78.44538	2.870946	12.49261	4.445887	1.603164	1.885272

#1	.3576828	.0011321	8.663034	.0256488	.0643023	145.7135	2.524765
#2	.3601515	.0156213	8.645837	.0207616	.0610760	150.2144	2.620762
#3	.3451949	.0122272	8.231357	.0263022	.0588733	149.3016	2.585807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120283	.0641875	77.90844	.1526734	.1424246	.8688758	202.2924
Stddev	.0002146	.0019012	1.45688	.0015192	.0042761	.0146898	2.8192
%RSD	1.784350	2.961974	1.869996	.9950602	3.002328	1.690663	1.393633

#1	.0117834	.0652320	76.30199	.1533829	.1445117	.8527681	199.0728
#2	.0121837	.0653375	79.14410	.1537081	.1452563	.8815335	204.3187
#3	.0121178	.0619930	78.27923	.1509292	.1375058	.8723259	203.4858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21855	40.55003	.1716126	.0476577	2.068984	.3652641	9.493081
Stddev	.17105	.61035	.0053264	.0007606	.265038	.0011739	.081459
%RSD	1.673931	1.505185	3.103762	1.595954	12.81005	.3213902	.8580877

#1	10.03316	39.84570	.1749517	.0469125	1.847157	.3659037	9.510487
#2	10.37026	40.92379	.1744161	.0484328	1.997307	.3639093	9.564430
#3	10.25223	40.88061	.1654699	.0476279	2.362489	.3659794	9.404326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.15282	18.02871	-.045981	.0044574	13.11431	8.425308	.0083885
Stddev	.56440	.49052	.001350	.0004164	.34098	.165701	.0011900
%RSD	1.702416	2.720767	2.934948	9.341183	2.600032	1.966705	14.18658

#1	32.51567	18.34350	-.044425	.0048830	13.31820	8.240267	.0094961
#2	33.59003	18.27910	-.046841	.0044382	13.30405	8.559980	.0071303
#3	33.35276	17.46353	-.046676	.0040510	12.72067	8.475676	.0085390

Sample Name: J5873-19 Acquired: 11/19/2018 15:34:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0439 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.257486	.1766920	.4410291
Stddev	.058917	.0027278	.0074478
%RSD	1.808673	1.543824	1.688730

#1	3.190570	.1735488	.4331644
#2	3.301570	.1780862	.4479747
#3	3.280318	.1784409	.4419482

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.440	2863.517	57533.94	5577.637	3495.027
Stddev	2.547	63.359	346.00	70.699	89.853
%RSD	.1018425	2.212628	.6013872	1.267553	2.570886

#1	2497.500	2824.648	57592.60	5658.631	3444.276
#2	2501.948	2829.275	57162.35	5528.288	3442.032
#3	2501.873	2936.629	57846.86	5545.991	3598.772

Sample Name: J5874-04 Acquired: 11/19/2018 15:40:06 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	.0617181	-.022310	.4356390	.0150318	.0091513	153.8695	2.845214
Stddev	.0008435	.003291	.0013265	.0031769	.0004036	1.3063	.021430
%RSD	1.366755	14.74992	.3044839	21.13430	4.409878	.8489673	.7531990

#1	.0619656	-.019825	.4350943	.0124504	.0093556	152.8326	2.825981
#2	.0607786	-.021063	.4371511	.0185796	.0086864	155.3366	2.868314
#3	.0624103	-.026042	.4346716	.0140654	.0094118	153.4391	2.841348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122174	.0051942	54.95321	.2206669	.1486387	.2408895	242.9914
Stddev	.0001286	.0002097	.50702	.0003852	.0002585	.0048713	3.1967
%RSD	1.052914	4.037377	.9226343	.1745664	.1739051	2.022217	1.315563

#1	.0120702	.0054236	54.36862	.2202332	.1486378	.2353234	241.2469
#2	.0123078	.0050125	55.27309	.2207983	.1483807	.2429702	246.6808
#3	.0122743	.0051464	55.21790	.2209692	.1488977	.2443750	241.0464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.823224	34.40796	.2273414	.0025144	2.055107	.5072979	.7885951
Stddev	.071975	.24946	.0003664	.0003819	.048142	.0044636	.0232422
%RSD	.8157421	.7250070	.1611623	15.18722	2.342547	.8798853	2.947285

#1	8.745062	34.30453	.2272753	.0021812	2.090577	.5071967	.7618321
#2	8.886767	34.69249	.2277363	.0029311	2.074441	.5118113	.8037094
#3	8.837842	34.22684	.2270126	.0024309	2.000304	.5028858	.8002439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.94903	15.65273	-.059446	.0034411	2.549926	10.75442	.0102672
Stddev	.16460	.02824	.008545	.0003063	.004013	.05146	.0008215
%RSD	.5685869	.1804319	14.37482	8.901339	.1573943	.4785232	8.001068

#1	28.78635	15.65263	-.058940	.0031747	2.546981	10.69660	.0096241
#2	29.11549	15.62454	-.051165	.0033728	2.554498	10.77146	.0111926
#3	28.94525	15.68103	-.068233	.0037758	2.548301	10.79520	.0099848

Sample Name: J5874-04 Acquired: 11/19/2018 15:40:06 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	4.218807	.1947185	.4388632
Stddev	.048104	.0023287	.0039439
%RSD	1.140225	1.195914	.8986714

#1	4.168377	.1921193	.4347983
#2	4.264186	.1966145	.4426738
#3	4.223860	.1954217	.4391177

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.428	2877.655	58797.97	5703.286	3515.873
Stddev	9.908	7.083	133.66	30.552	6.015
%RSD	.3862291	.2461321	.2273212	.5356848	.1710773

#1	2570.549	2870.388	58714.07	5738.067	3509.692
#2	2554.007	2878.039	58727.74	5680.783	3516.221
#3	2571.727	2884.538	58952.11	5691.009	3521.707

Sample Name: CCV015 Acquired: 11/19/2018 15:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.317655	5.272173	24.65936	5.401493	F 5.551994	384.2121
Stddev	.050743	.029305	.09832	.030289	.044084	1.0223
%RSD	.9542377	.5558394	.3987306	.5607507	.7940179	.2660761

#1	5.321041	5.262101	24.65122	5.384952	5.557183	383.8847
#2	5.366620	5.305186	24.76150	5.436451	5.593254	383.3936
#3	5.265304	5.249233	24.56536	5.383076	5.505546	385.3580

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86616	.5109265	2.562838	366.5173	16.06320	2.548359
Stddev	.02940	.0045280	.010849	2.9388	.02194	.012483
%RSD	.2705624	.8862415	.4233262	.8018047	.1365548	.4898500

#1	10.87141	.5070141	2.560784	364.6489	16.06826	2.544508
#2	10.83449	.5098788	2.574568	364.9984	16.08217	2.562314
#3	10.89259	.5158865	2.553163	369.9047	16.03918	2.538255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71333	373.8100	14.58507	382.2741	2.732470	1.302780
Stddev	.05491	1.1564	.10054	1.6293	.017605	.006107
%RSD	.3494385	.3093589	.6893364	.4262020	.6443068	.4687902

#1	15.67972	373.9271	14.49447	381.1944	2.732001	1.308116
#2	15.68356	372.5995	14.56752	381.4798	2.750306	1.304104
#3	15.77669	374.9034	14.69324	384.1482	2.715104	1.296119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	366.7305	2.625315	15.25119	163.6000	F 5.881149	4.761067
Stddev	1.3232	.019921	.08383	.1276	.037194	.048515
%RSD	.3608119	.7587944	.5496756	.0779933	.6324292	1.018987

#1	366.5669	2.634264	15.29033	163.6699	5.873119	4.742284
#2	365.4967	2.639190	15.30828	163.4527	5.921703	4.724752
#3	368.1279	2.602488	15.15494	163.6774	5.848627	4.816165

Sample Name: CCV015 Acquired: 11/19/2018 15:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.180842	F 5.523534	5.045714	5.408152	4.886317	5.308295
Stddev	.033517	.036119	.060009	.033405	.041384	.014908
%RSD	.6469446	.6539156	1.189299	.6176704	.8469282	.2808509

#1	5.183410	5.505302	5.002438	5.408890	4.878025	5.308200
#2	5.213002	5.565136	5.020486	5.441182	4.849708	5.293434
#3	5.146116	5.500165	5.114218	5.374385	4.931219	5.323250

Elem	Sr4077
Units	ppm
Avg	5.163823
Stddev	.017498
%RSD	.3388505

#1	5.159959
#2	5.148580
#3	5.182930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.593	2090.194	46369.77	4458.598	2942.306
Stddev	12.407	14.537	291.41	17.707	17.120
%RSD	.6432929	.6954634	.6284448	.3971481	.5818608

#1	1914.349	2087.802	46043.26	4460.650	2939.217
#2	1937.039	2077.002	46462.56	4475.190	2926.941
#3	1934.392	2105.778	46603.48	4439.954	2960.760

Sample Name: CCB015 Acquired: 11/19/2018 15:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005564	-.005127	-.001554	.0038924	.0002239	.0145965	-.003072
Stddev	.002832	.000788	.001125	.0023228	.0011010	.0051592	.001208
%RSD	50.90825	15.37504	72.43546	59.67491	491.6792	35.34581	39.33449

#1	-.008741	-.004629	-.000334	.0032807	.0014920	.0162670	-.004461
#2	-.004647	-.006036	-.002552	.0019367	-.000332	.0187134	-.002260
#3	-.003303	-.004716	-.001775	.0064598	-.000489	.0088089	-.002496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000237	-.000035	.0313248	.0004272	.0001329	.0013414	.0412299
Stddev	.0001010	.000069	.0085231	.0003912	.0000776	.0009559	.0077680
%RSD	426.2439	197.7010	27.20870	91.58113	58.44046	71.26316	18.84077

#1	-.000009	-.000007	.0251718	.0002911	.0002132	.0019255	.0401923
#2	.000137	-.000114	.0277494	.0008683	.0001270	.0018605	.0494645
#3	-.000057	.000016	.0410532	.0001222	.0000583	.0002382	.0340328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000602	.0380939	-.000916	.0008597	-.182836	.0017558	.0045028
Stddev	.000811	.0695387	.000476	.0001808	.223400	.0057606	.0105352
%RSD	134.8087	182.5455	51.98540	21.03161	122.1859	328.0862	233.9714

#1	.000333	.1066948	-.000366	.0006512	-.071371	-.002220	.0114708
#2	-.001020	-.032346	-.001192	.0009541	-.440036	.008362	.0096545
#3	-.001118	.039933	-.001190	.0009738	-.037101	-.000874	-.007617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5185267	-.006052	.0067447	.0002754	-.006403	.0008303	-.000479
Stddev	.0589158	.003378	.0011363	.0001171	.005158	.0015553	.001163
%RSD	11.36216	55.81177	16.84702	42.50319	80.55253	187.3108	242.8535

#1	.4600599	-.002639	.0054591	.0002388	-.002831	-.000601	-.001423
#2	.5778816	-.009393	.0076143	.0004063	-.004062	.002485	.000821
#3	.5176386	-.006124	.0071609	.0001810	-.012317	.000607	-.000835

Sample Name: CCB015 Acquired: 11/19/2018 15:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025855	.0031910	.0000248
Stddev	.0035785	.0007573	.0000621
%RSD	138.4087	23.73217	250.2113

#1	.0011004	.0033094	.0000901
#2	-.000011	.0038822	-.000034
#3	.006667	.0023815	.000018

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.923	2388.526	47777.85	4429.825	3542.118
Stddev	11.972	5.783	206.33	253.336	9.395
%RSD	.5644886	.2421100	.4318602	5.718867	.2652388

#1	2107.888	2384.001	47543.40	4575.150	3531.619
#2	2123.452	2386.536	47858.30	4577.025	3545.003
#3	2131.428	2395.041	47931.83	4137.300	3549.733

Sample Name: J5874-05 Acquired: 11/19/2018 15:52:03 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	.0578191	-.019243	.4813831	.0175329	.0109229	149.0269	2.844576
Stddev	.0027559	.005231	.0034170	.0047237	.0001852	.5675	.019226
%RSD	4.766474	27.18558	.7098194	26.94201	1.695697	.3808265	.6758910

#1	.0560952	-.015363	.4822336	.0192036	.0108168	149.6731	2.866753
#2	.0609976	-.017174	.4842945	.0122008	.0111368	148.7980	2.832598
#3	.0563646	-.025192	.4776213	.0211941	.0108152	148.6096	2.834377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122070	.0056817	58.79321	.2275751	.1532994	.2455468	244.5892
Stddev	.0001366	.0002738	.71703	.0039529	.0006484	.0047008	.4430
%RSD	1.119438	4.819193	1.219575	1.736973	.4229776	1.914424	.1811328

#1	.0123648	.0053656	59.62116	.2230797	.1530120	.2487367	245.0131
#2	.0121307	.0058310	58.37789	.2291379	.1540419	.2401484	244.6254
#3	.0121255	.0058483	58.38059	.2305077	.1528444	.2477553	244.1292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.206105	35.33540	.2320509	.0031650	2.182689	.5077681	.8228042
Stddev	.119379	.30689	.0017192	.0006666	.157438	.0026939	.0336272
%RSD	1.296736	.8685134	.7408859	21.06334	7.213044	.5305319	4.086899

#1	9.341937	35.48979	.2303096	.0036849	2.139155	.5059219	.7861615
#2	9.158525	35.53445	.2337472	.0024134	2.357313	.5065231	.8522509
#3	9.117852	34.98197	.2320958	.0033967	2.051598	.5108593	.8300002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.57525	16.91572	-.056624	.0034517	2.810024	8.487700	.0111326
Stddev	.27833	.05017	.000605	.0004102	.005666	.167015	.0020759
%RSD	.8544316	.2965811	1.068168	11.88363	.2016517	1.967734	18.64715

#1	32.87838	16.85981	-.056287	.0037146	2.808158	8.305720	.0108485
#2	32.51617	16.95680	-.056263	.0036614	2.816388	8.523404	.0133360
#3	32.33121	16.93057	-.057323	.0029790	2.805526	8.633976	.0092134

Sample Name: J5874-05 Acquired: 11/19/2018 15:52:03 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	4.049683	.1673864	.4439100
Stddev	.020041	.0010842	.0043281
%RSD	.4948755	.6477517	.9749870

#1	4.072730	.1681761	.4489012
#2	4.036349	.1661502	.4416341
#3	4.039970	.1678328	.4411947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.647	2856.136	58982.29	5652.196	3445.362
Stddev	25.371	4.447	682.67	37.995	6.407
%RSD	.9857847	.1556837	1.157414	.6722169	.1859537

#1	2602.875	2857.534	59769.93	5614.115	3450.806
#2	2560.752	2851.159	58561.00	5652.367	3438.302
#3	2557.314	2859.716	58615.93	5690.105	3446.978

Sample Name: J5874-06 Acquired: 11/19/2018 15:56:02 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	.0676048	-.019140	.6369839	.0191057	.0142019	144.7550	3.048857
Stddev	.0019810	.001475	.0050083	.0015527	.0040751	.2057	.002181
%RSD	2.930318	7.707532	.7862586	8.127104	28.69409	.1420873	.0715453

#1	.0661624	-.019557	.6413883	.0208031	.0188231	144.8012	3.049628
#2	.0667884	-.020362	.6315360	.0177569	.0126593	144.9336	3.050549
#3	.0698635	-.017502	.6380275	.0187572	.0111233	144.5301	3.046395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117001	.0068221	66.05123	.2251165	.1514737	.2907433	243.1336
Stddev	.0001767	.0000207	.32161	.0016290	.0012165	.0054436	.3897
%RSD	1.509805	.3036026	.4869090	.7236204	.8030848	1.872317	.1602984

#1	.0117678	.0068189	66.23938	.2232532	.1527174	.2907763	242.8899
#2	.0118329	.0068032	66.23443	.2262711	.1502865	.2852833	243.5831
#3	.0114996	.0068442	65.67988	.2258250	.1514171	.2961704	242.9278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43124	36.65999	.2373804	.0034798	2.687512	.5062783	.9820852
Stddev	.09024	.05577	.0012876	.0006968	.102459	.0081772	.0276439
%RSD	.8650806	.1521203	.5424123	20.02454	3.812421	1.615156	2.814814

#1	10.44392	36.66082	.2382098	.0042771	2.779457	.5142695	1.012607
#2	10.51447	36.60382	.2358971	.0029876	2.577061	.5066384	.974917
#3	10.33534	36.71534	.2380345	.0031747	2.706018	.4979271	.958731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.23555	18.91801	-.066686	.0041085	2.873908	5.890608	.0110458
Stddev	.16732	.12365	.001802	.0003802	.030970	.096599	.0011884
%RSD	.6143338	.6536265	2.702617	9.253760	1.077617	1.639880	10.75896

#1	27.19681	19.03412	-.066613	.0045338	2.907369	5.779542	.0116670
#2	27.41884	18.78799	-.068524	.0039903	2.846250	5.937223	.0117949
#3	27.09100	18.93192	-.064922	.0038015	2.868105	5.955060	.0096755

Sample Name: J5874-06 Acquired: 11/19/2018 15:56:02 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	4.278575	.1599221	.4818130
Stddev	.010418	.0032124	.0021726
%RSD	.2434899	2.008697	.4509172

#1	4.273060	.1565209	.4829241
#2	4.290591	.1603410	.4832053
#3	4.272074	.1629045	.4793096

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.478	2858.005	58196.13	5667.078	3492.448
Stddev	5.566	13.339	44.59	36.329	20.970
%RSD	.2188403	.4667242	.0766270	.6410590	.6004332

#1	2537.580	2845.173	58147.20	5649.542	3471.382
#2	2548.639	2871.799	58206.70	5642.843	3513.321
#3	2544.215	2857.044	58234.49	5708.849	3492.640

Sample Name: J5874-07 Acquired: 11/19/2018 15:59:58 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	.0617463	-.009169	.2413623	.0144414	.0066309	128.9584	1.681235
Stddev	.0038433	.004854	.0007216	.0024857	.0007191	.1173	.006360
%RSD	6.224296	52.94284	.2989679	17.21243	10.84531	.0909929	.3783050

#1	.0587099	-.009917	.2420239	.0128472	.0074216	128.9842	1.687503
#2	.0604617	-.013606	.2414702	.0131714	.0064554	128.8304	1.674786
#3	.0660673	-.003984	.2405928	.0173056	.0060158	129.0608	1.681417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094341	.0041492	39.09938	.1374952	.1012923	.1985872	162.0922
Stddev	.0001297	.0001990	.21155	.0004349	.0006668	.0038333	.7175
%RSD	1.374664	4.795435	.5410449	.3163299	.6582937	1.930305	.4426263

#1	.0094354	.0043128	39.34354	.1371051	.1007609	.1998534	161.3072
#2	.0093038	.0042071	38.97116	.1374162	.1010755	.2016273	162.7139
#3	.0095631	.0039277	38.98343	.1379642	.1020405	.1942810	162.2557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.337439	33.08665	.1618818	.0015209	1.240156	.2716816	.5027576
Stddev	.047610	.10669	.0006040	.0004086	.067272	.0024464	.0021377
%RSD	.7512522	.3224704	.3731328	26.86724	5.424441	.9004562	.4251903

#1	6.390263	33.20592	.1612166	.0019283	1.174537	.2733271	.5008518
#2	6.297838	33.00027	.1620329	.0011110	1.236966	.2728473	.5023520
#3	6.324215	33.05377	.1623960	.0015234	1.308966	.2688704	.5050690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.29063	7.108569	-.023384	.0028189	2.228860	8.176221	.0055497
Stddev	.25206	.015726	.005201	.0001859	.006587	.049703	.0006646
%RSD	.7571477	.2212258	22.24104	6.596761	.2955348	.6078985	11.97494

#1	33.46055	7.107638	-.026534	.0027674	2.233804	8.206498	.0047871
#2	33.00103	7.093330	-.017381	.0030251	2.221382	8.118858	.0058568
#3	33.41032	7.124741	-.026236	.0026641	2.231394	8.203307	.0060051

Sample Name: J5874-07 Acquired: 11/19/2018 15:59:58 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	2.101767	.1250220	.3199641
Stddev	.001240	.0021306	.0010452
%RSD	.0590075	1.704176	.3266600

#1	2.100939	.1228579	.3207022
#2	2.103193	.1271174	.3187681
#3	2.101169	.1250908	.3204221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.604	2755.903	56177.44	5443.545	3499.091
Stddev	10.037	1.957	229.19	18.699	4.621
%RSD	.4087281	.0709946	.4079724	.3435152	.1320538

#1	2460.700	2753.646	56419.50	5427.152	3499.207
#2	2444.042	2757.125	55963.77	5463.912	3503.653
#3	2462.071	2756.937	56149.05	5439.570	3494.414

Sample Name: J5874-08 Acquired: 11/19/2018 16:03:59 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	.0496169	-.013539	.3627648	.0208605	.0095363	163.9247	2.968649
Stddev	.0072655	.001163	.0036111	.0009819	.0020969	.4753	.008584
%RSD	14.64329	8.588306	.9954482	4.706722	21.98895	.2899258	.2891619

#1	.0430878	-.014870	.3641509	.0197818	.0111530	163.4991	2.960135
#2	.0483189	-.012719	.3654775	.0210976	.0102890	164.4375	2.968510
#3	.0574439	-.013027	.3586660	.0217020	.0071669	163.8374	2.977302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125942	.0046093	56.69099	.2119454	.1539440	.2208799	234.5585
Stddev	.0000785	.0002576	.14271	.0007388	.0002049	.0034016	1.3614
%RSD	.6232426	5.589541	.2517373	.3485736	.1330988	1.540005	.5804058

#1	.0125202	.0047192	56.52763	.2125352	.1540708	.2211257	233.6672
#2	.0126765	.0043149	56.79143	.2121844	.1537076	.2173621	236.1255
#3	.0125859	.0047937	56.75391	.2111167	.1540536	.2241519	233.8827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.453082	33.38276	.2273235	.0017750	1.922425	.4887197	.7248548
Stddev	.024245	.28452	.0012156	.0001273	.108687	.0089376	.0214752
%RSD	.2564725	.8522835	.5347614	7.170172	5.653649	1.828769	2.962690

#1	9.425958	33.28105	.2272176	.0018628	1.847827	.4965612	.7160711
#2	9.472645	33.70415	.2261643	.0016291	1.872321	.4906095	.7493295
#3	9.460644	33.16308	.2285887	.0018332	2.047126	.4789884	.7091639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.31677	18.40851	-.056006	.0049471	3.046181	9.153471	.0100433
Stddev	.14070	.07003	.001900	.0004387	.018272	.114839	.0010179
%RSD	.4100141	.3804318	3.393233	8.867076	.5998330	1.254599	10.13519

#1	34.17782	18.36214	-.058148	.0045904	3.037499	9.031940	.0088849
#2	34.31334	18.37432	-.055346	.0054369	3.033868	9.168292	.0104497
#3	34.45916	18.48907	-.054523	.0048140	3.067175	9.260180	.0107952

Sample Name: J5874-08 Acquired: 11/19/2018 16:03:59 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	4.506043	.2057849	.4662784
Stddev	.013103	.0015039	.0008068
%RSD	.2907967	.7308046	.1730318

#1	4.496022	.2046769	.4657305
#2	4.520871	.2051809	.4672049
#3	4.501236	.2074969	.4658999

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.152	2937.562	60228.38	5827.893	3555.645
Stddev	8.297	4.712	238.71	16.224	5.974
%RSD	.3170397	.1604019	.3963335	.2783842	.1680272

#1	2610.293	2938.579	59961.00	5845.067	3556.778
#2	2614.789	2941.682	60304.09	5812.824	3560.972
#3	2626.375	2932.425	60420.04	5825.789	3549.185

Sample Name: J5874-09 Acquired: 11/19/2018 16:07:59 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	.0641251	-.018244	.5360703	.0162677	.0100242	142.0913	2.761158
Stddev	.0018442	.001815	.0015206	.0043244	.0019774	.6233	.010524
%RSD	2.875876	9.946627	.2836473	26.58286	19.72670	.4386348	.3811463

#1	.0621379	-.019535	.5360278	.0113277	.0078875	142.6267	2.768685
#2	.0657815	-.019028	.5345714	.0181067	.0117898	141.4071	2.749132
#3	.0644559	-.016169	.5376116	.0193686	.0103954	142.2400	2.765657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112240	.0065081	62.09299	.1673254	.1255366	.2572018	205.3553
Stddev	.0001735	.0000966	.18185	.0001892	.0003296	.0054503	1.0015
%RSD	1.545569	1.483548	.2928720	.1130578	.2625605	2.119070	.4876911

#1	.0114092	.0064360	62.17789	.1673247	.1254637	.2539750	206.1542
#2	.0111975	.0064705	61.88421	.1675149	.1252495	.2634946	204.2318
#3	.0110653	.0066178	62.21686	.1671365	.1258966	.2541358	205.6801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.022332	33.35863	.1783185	.0034098	2.509689	.4416598	.8642507
Stddev	.044896	.18081	.0004039	.0004635	.216552	.0032533	.0154835
%RSD	.5596359	.5420274	.2264824	13.59254	8.628655	.7366173	1.791555

#1	8.060103	33.56678	.1780370	.0034289	2.270083	.4452646	.8469224
#2	7.972695	33.24047	.1781373	.0038635	2.567550	.4389418	.8767275
#3	8.034197	33.26863	.1787813	.0029371	2.691434	.4407731	.8691023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.35425	19.06833	-.047837	.0036130	3.233905	13.98666	.0105428
Stddev	.08616	.02036	.001969	.0005400	.009112	.14550	.0012421
%RSD	.2747826	.1067687	4.116320	14.94632	.2817683	1.040259	11.78152

#1	31.39131	19.09136	-.046115	.0030164	3.241021	13.85143	.0094112
#2	31.25577	19.06086	-.049984	.0040684	3.237059	13.96794	.0103455
#3	31.41568	19.05276	-.047413	.0037543	3.223635	14.14061	.0118718

Sample Name: J5874-09 Acquired: 11/19/2018 16:07:59 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	4.668224	.1609343	.4520194
Stddev	.015896	.0009608	.0017646
%RSD	.3405111	.5970447	.3903774

#1	4.681793	.1614524	.4535737
#2	4.650735	.1615248	.4501013
#3	4.672145	.1598255	.4523833

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.810	2891.279	59103.41	5734.579	3552.962
Stddev	9.940	7.156	56.78	31.675	2.535
%RSD	.3865041	.2474969	.0960701	.5523562	.0713453

#1	2583.234	2884.901	59147.40	5698.048	3550.889
#2	2567.060	2889.919	59123.50	5754.395	3552.208
#3	2565.135	2899.017	59039.31	5751.296	3555.788

Sample Name: J5874-10 Acquired: 11/19/2018 16:12:04 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	.0648774	-.017608	.7335869	.0168161	.0154632	134.9244	2.528112
Stddev	.0022625	.001751	.0027379	.0052866	.0048795	.1813	.006835
%RSD	3.487346	9.943462	.3732140	31.43783	31.55531	.1343393	.2703425

#1	.0674411	-.018971	.7304755	.0205727	.0168581	134.9713	2.526979
#2	.0640312	-.018219	.7356277	.0107708	.0194934	134.7243	2.521915
#3	.0631600	-.015633	.7346574	.0191050	.0100382	135.0776	2.535442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104181	.0088063	63.87983	.1840461	.1354635	.2679771	221.8655
Stddev	.0001362	.0000616	.22601	.0016167	.0004620	.0013332	.2867
%RSD	1.307523	.6991140	.3538047	.8784068	.3410752	.4974936	.1292134

#1	.0105641	.0088468	63.96645	.1823617	.1352276	.2668177	222.1295
#2	.0102943	.0087355	63.62333	.1855853	.1359959	.2694338	221.5605
#3	.0103959	.0088367	64.04972	.1841913	.1351670	.2676797	221.9065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.554447	30.96444	.2134828	.0041027	2.043172	.4434140	1.116531
Stddev	.010788	.08174	.0005036	.0004250	.222858	.0077450	.000826
%RSD	.1261055	.2639790	.2359076	10.35809	10.90746	1.746681	.0739570

#1	8.561408	30.89112	.2134464	.0045057	2.097906	.4431349	1.116837
#2	8.542020	30.94962	.2129984	.0041436	2.233564	.4358124	1.117159
#3	8.559913	31.05257	.2140037	.0036587	1.798046	.4512949	1.115596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.84439	20.33953	-.060903	.0046632	3.109468	3.220197	.0110946
Stddev	.08644	.04380	.002494	.0003014	.006876	.019991	.0004257
%RSD	.2996673	.2153590	4.095703	6.463451	.2211234	.6207922	3.837411

#1	28.90814	20.28985	-.063319	.0046377	3.107754	3.236346	.0115708
#2	28.74601	20.37260	-.058337	.0049766	3.117038	3.197838	.0109622
#3	28.87902	20.35615	-.061053	.0043754	3.103611	3.226407	.0107507

Sample Name: J5874-10 Acquired: 11/19/2018 16:12:04 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	4.461696	.1565710	.4333577
Stddev	.018253	.0004985	.0004776
%RSD	.4090946	.3183755	.1102035

#1	4.459001	.1570214	.4337224
#2	4.444941	.1560354	.4335336
#3	4.481146	.1566562	.4328171

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.373	2871.676	58887.46	5721.641	3539.674
Stddev	1.455	1.989	179.00	14.616	1.629
%RSD	.0566927	.0692470	.3039665	.2554528	.0460283

#1	2567.191	2869.514	59091.49	5722.668	3540.907
#2	2564.693	2872.087	58756.85	5735.717	3537.827
#3	2567.235	2873.426	58814.02	5706.539	3540.288

Sample Name: J5874-11 Acquired: 11/19/2018 16:16:05 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	.0808031	-.011908	.7996851	.0151164	.0123649	148.3682	3.036983
Stddev	.0016774	.003773	.0039942	.0031959	.0010525	.2618	.002102
%RSD	2.075887	31.68812	.4994679	21.14156	8.511675	.1764773	.0692001

#1	.0825805	-.011963	.7958078	.0179955	.0113261	148.1200	3.036676
#2	.0792478	-.015653	.7994607	.0116777	.0134305	148.6418	3.039221
#3	.0805810	-.008107	.8037867	.0156761	.0123380	148.3427	3.035052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119319	.0094925	55.46892	.2123594	.1574020	.2769139	239.7126
Stddev	.0000534	.0000977	.19370	.0000767	.0004798	.0030851	.0814
%RSD	.4472405	1.029502	.3492069	.0361420	.3047976	1.114091	.0339652

#1	.0119570	.0094140	55.43353	.2123422	.1578933	.2804632	239.7157
#2	.0119680	.0094614	55.67788	.2124433	.1573782	.2748758	239.7925
#3	.0118706	.0096020	55.29536	.2122927	.1569347	.2754026	239.6297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28924	32.00998	.2276172	.0036664	2.039153	.4888873	1.145100
Stddev	.03826	.25806	.0005971	.0002159	.106809	.0009948	.015016
%RSD	.3718450	.8061731	.2623350	5.889570	5.237886	.2034906	1.311343

#1	10.29932	31.76576	.2269398	.0035209	2.115226	.4880125	1.148962
#2	10.32145	32.27994	.2280669	.0039146	1.917047	.4886800	1.128530
#3	10.24695	31.98425	.2278451	.0035639	2.085187	.4899695	1.157808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.85849	19.08223	-.064384	.0047386	3.115297	2.954087	.0110266
Stddev	.17440	.06143	.001161	.0002698	.003835	.023419	.0013217
%RSD	.5150829	.3219226	1.802544	5.694541	.1230955	.7927604	11.98681

#1	33.69939	19.02529	-.064432	.0050339	3.111137	2.952878	.0097354
#2	34.04495	19.07406	-.065520	.0046771	3.116064	2.978086	.0123769
#3	33.83113	19.14733	-.063200	.0045048	3.118690	2.931296	.0109674

Sample Name: J5874-11 Acquired: 11/19/2018 16:16:05 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	4.081751	.1855469	.4272052
Stddev	.014092	.0017904	.0013499
%RSD	.3452482	.9649408	.3159721

#1	4.078270	.1866103	.4285312
#2	4.097258	.1865506	.4272517
#3	4.069726	.1834798	.4258327

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.133	2872.583	58534.17	5712.565	3496.461
Stddev	15.685	3.315	57.74	27.712	3.610
%RSD	.6162611	.1153984	.0986505	.4851107	.1032366

#1	2552.767	2872.866	58467.55	5730.051	3495.012
#2	2555.539	2875.747	58569.86	5680.614	3500.570
#3	2527.092	2869.136	58565.10	5727.032	3493.801

Sample Name: J5874-12 Acquired: 11/19/2018 16:20:04 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	.0696292	-.016115	.8472361	.0176862	.0128881	136.0898	2.812224
Stddev	.0110234	.002781	.0047139	.0024120	.0005518	.3637	.011102
%RSD	15.83157	17.25675	.5563890	13.63756	4.281102	.2672539	.3947925

#1	.0755987	-.018983	.8525081	.0191039	.0132859	135.6912	2.799411
#2	.0569084	-.013430	.8434273	.0149012	.0122582	136.4036	2.818250
#3	.0763804	-.015931	.8457729	.0190534	.0131202	136.1746	2.819010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108603	.0093332	60.50531	.2444842	.1390985	.3063261	225.8922
Stddev	.0001710	.0000832	.05972	.0014154	.0002897	.0022614	.8306
%RSD	1.574309	.8915343	.0986968	.5789230	.2082862	.7382364	.3676832

#1	.0109932	.0092371	60.43638	.2454213	.1391426	.3076031	225.0307
#2	.0109202	.0093788	60.53803	.2451752	.1393636	.3076602	226.6879
#3	.0106674	.0093836	60.54151	.2428560	.1387892	.3037151	225.9578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.770969	35.69368	.2533390	.0058257	2.012550	.4522514	1.212141
Stddev	.005662	.24126	.0007116	.0005914	.261731	.0031415	.010567
%RSD	.0645524	.6759278	.2808692	10.15077	13.00492	.6946395	.8717651

#1	8.775799	35.44107	.2531275	.0061251	1.856427	.4491800	1.222613
#2	8.764739	35.92171	.2527572	.0062074	2.314715	.4521155	1.201481
#3	8.772371	35.71826	.2541323	.0051445	1.866509	.4554586	1.212330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.39438	19.03258	-.050123	.0038026	3.222847	16.76055	.0098478
Stddev	.09669	.09546	.003860	.0007034	.027477	.14054	.0018044
%RSD	.2811136	.5015797	7.700242	18.49920	.8525774	.8385201	18.32259

#1	34.31571	19.04966	-.051991	.0030180	3.240935	16.81620	.0111176
#2	34.50232	18.92972	-.052693	.0043771	3.191228	16.86474	.0106435
#3	34.36510	19.11834	-.045685	.0040125	3.236378	16.60070	.0077824

Sample Name: J5874-12 Acquired: 11/19/2018 16:20:04 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	4.539659	.1446039	.4338141
Stddev	.017716	.0007533	.0004879
%RSD	.3902491	.5209233	.1124722

#1	4.533616	.1449690	.4334565
#2	4.559606	.1437376	.4343700
#3	4.525755	.1451051	.4336160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.462	2841.548	58121.06	5658.027	3517.908
Stddev	15.527	6.724	229.11	33.688	8.812
%RSD	.6174989	.2366300	.3941953	.5954020	.2504939

#1	2501.821	2849.064	57857.29	5626.598	3524.910
#2	2531.794	2836.105	58270.55	5653.890	3520.802
#3	2509.773	2839.475	58235.34	5693.592	3508.013

Sample Name: J5874-13 Acquired: 11/19/2018 16:24:03 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	.0610896	-.018549	.6740118	.0133953	.0109576	146.7005	3.985501
Stddev	.0071794	.005319	.0031892	.0049501	.0002620	5.4215	.141888
%RSD	11.75216	28.67667	.4731722	36.95424	2.391064	3.695617	3.560108

#1	.0654858	-.024688	.6728792	.0076794	.0109527	141.1223	3.836404
#2	.0528048	-.015290	.6776128	.0162396	.0112220	151.9504	4.118869
#3	.0649783	-.015670	.6715435	.0162668	.0106981	147.0288	4.001229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126412	.0074838	67.05921	.2971647	.1397315	.2775683	234.3856
Stddev	.0004461	.0003399	2.42592	.0008350	.0010586	.0138067	9.4586
%RSD	3.528895	4.542054	3.617584	.2809867	.7575900	4.974145	4.035478

#1	.0122239	.0078122	64.44940	.2979274	.1408408	.2630798	225.2315
#2	.0131114	.0071335	69.24547	.2962726	.1387322	.2905733	244.1217
#3	.0125881	.0075057	67.48277	.2972941	.1396215	.2790518	233.8035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81234	41.14526	.2865673	.0042367	2.741621	.4856708	1.052631
Stddev	.39417	1.64003	.0010350	.0015279	.166102	.0269362	.005944
%RSD	3.645576	3.985956	.3611613	36.06310	6.058548	5.546179	.5646965

#1	10.39883	39.48610	.2876808	.0028690	2.605023	.4582935	1.046599
#2	11.18380	42.76547	.2863863	.0058857	2.926521	.5121430	1.058483
#3	10.85439	41.18419	.2856347	.0039555	2.693319	.4865760	1.052811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.88640	21.59566	-.066292	.0033387	2.916036	9.335380	.0192381
Stddev	1.42874	.01680	.002519	.0003358	.009723	.350515	.0024663
%RSD	3.674141	.0777745	3.799594	10.05739	.3334471	3.754693	12.81962

#1	37.48701	21.61483	-.067998	.0032978	2.918476	8.963558	.0181736
#2	40.34279	21.58860	-.063399	.0036930	2.924308	9.659754	.0220578
#3	38.82940	21.58355	-.067478	.0030251	2.905326	9.382829	.0174829

Sample Name: J5874-13 Acquired: 11/19/2018 16:24:03 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	7.637778	.1544257	.4751789
Stddev	.298385	.0059421	.0175857
%RSD	3.906702	3.847896	3.700861

#1	7.318647	.1486446	.4572163
#2	7.909817	.1605167	.4923618
#3	7.684871	.1541157	.4759586

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.431	2803.700	57642.61	5592.031	3490.909
Stddev	18.086	7.485	334.36	141.187	11.391
%RSD	.7207395	.2669742	.5800500	2.524791	.3263041

#1	2498.951	2795.085	57379.87	5721.882	3478.007
#2	2530.315	2808.612	58018.97	5441.737	3499.575
#3	2499.026	2807.403	57529.00	5612.475	3495.144

Sample Name: J5874-14 Acquired: 11/19/2018 16:28:03 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	.0730999	-.010509	.3578171	.0159380	.0076706	137.2998	3.670244
Stddev	.0013617	.001867	.0006526	.0037301	.0026529	.3423	.004029
%RSD	1.862811	17.77033	.1823712	23.40369	34.58596	.2493062	.1097648

#1	.0740859	-.008436	.3579731	.0122300	.0084024	137.4477	3.672336
#2	.0736676	-.011031	.3571006	.0196898	.0098808	136.9084	3.665600
#3	.0715462	-.012060	.3583774	.0158944	.0047285	137.5433	3.672796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106661	.0050647	50.97642	.1719107	.1729888	.2110472	199.5475
Stddev	.0001419	.0000168	.12931	.0010214	.0008452	.0064951	1.1557
%RSD	1.330094	.3314340	.2536693	.5941207	.4885726	3.077569	.5791679

#1	.0107926	.0050611	51.11349	.1718832	.1725903	.2035474	200.3259
#2	.0105128	.0050829	50.95916	.1729455	.1724165	.2148417	198.2196
#3	.0106930	.0050499	50.85660	.1709034	.1739595	.2147524	200.0971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94783	31.07619	.2073070	.0014689	1.695338	.4164187	.5821782
Stddev	.03249	.26752	.0007370	.0000197	.237875	.0035926	.0157339
%RSD	.2509390	.8608539	.3554933	1.339195	14.03112	.8627451	2.702587

#1	12.98410	31.11726	.2071825	.0014590	1.903730	.4157000	.5684062
#2	12.93803	30.79050	.2066403	.0014561	1.746107	.4203163	.5993259
#3	12.92137	31.32079	.2080983	.0014915	1.436177	.4132397	.5788025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.96464	14.00927	-.048715	.0031945	2.790885	8.414999	.0090234
Stddev	.18347	.04800	.004400	.0003055	.006898	.188638	.0022499
%RSD	.6122913	.3426301	9.032035	9.564016	.2471559	2.241689	24.93453

#1	30.09421	13.97164	-.045109	.0034728	2.784960	8.323734	.0064977
#2	29.75470	13.99283	-.053618	.0028676	2.798458	8.289349	.0108134
#3	30.04501	14.06333	-.047420	.0032432	2.789237	8.631913	.0097590

Sample Name: J5874-14 Acquired: 11/19/2018 16:28:03 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	3.587461	.1567474	.4314566
Stddev	.009583	.0000962	.0011463
%RSD	.2671247	.0613386	.2656823

#1	3.598209	.1567775	.4327713
#2	3.584367	.1568249	.4306658
#3	3.579807	.1566398	.4309328

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.777	2939.124	60195.59	5862.722	3598.587
Stddev	12.083	5.709	219.64	55.052	6.354
%RSD	.4608844	.1942513	.3648696	.9390192	.1765824

#1	2618.225	2941.845	60053.80	5829.006	3601.301
#2	2635.238	2942.963	60448.59	5926.251	3603.134
#3	2611.867	2932.563	60084.38	5832.909	3591.326

Sample Name: J5874-15 Acquired: 11/19/2018 16:32:05 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	.0683288	-.013233	.3725670	.0110330	.0093282	114.3610	1.757202
Stddev	.0017436	.003397	.0036140	.0004790	.0018975	.2546	.005071
%RSD	2.551744	25.67028	.9700167	4.341854	20.34131	.2225973	.2885877

#1	.0665834	-.017150	.3741054	.0113808	.0077891	114.0719	1.757440
#2	.0700705	-.011100	.3751572	.0104866	.0114482	114.5516	1.752015
#3	.0683327	-.011448	.3684384	.0112316	.0087472	114.4595	1.762149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090203	.0044122	125.7884	.1306053	.0839459	.1838295	143.4206
Stddev	.0000710	.0001313	.4497	.0007072	.0004216	.0012796	.5851
%RSD	.7871160	2.976356	.3574862	.5414422	.5022508	.6960795	.4079370

#1	.0090062	.0045093	125.8023	.1298038	.0836967	.1841527	143.2459
#2	.0089573	.0042628	125.3319	.1308709	.0844327	.1824192	144.0730
#3	.0090972	.0044645	126.2310	.1311412	.0837083	.1849164	142.9427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.950259	45.15215	.1574881	.0022932	1.164829	.2411618	.5677001
Stddev	.017516	.35501	.0006822	.0002461	.094664	.0011929	.0327123
%RSD	.3538469	.7862611	.4331989	10.73198	8.126859	.4946662	5.762257

#1	4.969787	44.81541	.1581502	.0021433	1.148111	.2423555	.5404220
#2	4.945058	45.52298	.1575269	.0021591	1.079638	.2411603	.6039672
#3	4.935932	45.11807	.1567873	.0025772	1.266738	.2399696	.5587111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.38419	8.927721	-.005291	.0024775	3.024684	15.63325	.0026717
Stddev	.20278	.063791	.000623	.0001353	.016847	.33825	.0013082
%RSD	.6673803	.7145286	11.77030	5.460731	.5569836	2.163647	48.96378

#1	30.20171	8.975904	-.005516	.0023233	3.021377	15.31788	.0041822
#2	30.34836	8.951880	-.004587	.0025328	3.042939	15.59139	.0019066
#3	30.60249	8.855379	-.005770	.0025764	3.009735	15.99048	.0019263

Sample Name: J5874-15 Acquired: 11/19/2018 16:32:05 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	1.526924	.1354048	.5038291
Stddev	.000962	.0002981	.0009319
%RSD	.0629956	.2201775	.1849579

#1	1.527527	.1352303	.5043222
#2	1.525815	.1357490	.5027543
#3	1.527431	.1352350	.5044108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.172	2708.751	55723.90	5445.206	3467.888
Stddev	7.491	11.217	166.07	26.561	18.825
%RSD	.3084916	.4140976	.2980146	.4877862	.5428484

#1	2436.425	2700.244	55847.92	5471.847	3452.565
#2	2426.289	2704.545	55535.23	5418.726	3462.196
#3	2421.803	2721.462	55788.54	5445.045	3488.902

Sample Name: J5874-16 Acquired: 11/19/2018 16:36:06 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	.0661453	-.021514	.6463256	.0197885	.0101812	155.0032	2.767657
Stddev	.0051344	.004309	.0055287	.0032200	.0015323	.6386	.008711
%RSD	7.762281	20.02786	.8554013	16.27213	15.04982	.4119729	.3147589

#1	.0706889	-.022343	.6512090	.0162515	.0091031	155.4136	2.773295
#2	.0605752	-.025348	.6474450	.0205642	.0095054	154.2675	2.757623
#3	.0671717	-.016851	.6403229	.0225498	.0119352	155.3286	2.772052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119524	.0072625	65.75032	.1795711	.1300644	.2844119	217.4671
Stddev	.0000514	.0000696	.21071	.0004719	.0015597	.0023425	1.2245
%RSD	.4303009	.9578907	.3204632	.2628006	1.199154	.8236298	.5630937

#1	.0119814	.0073406	65.95649	.1796536	.1316822	.2817925	217.3718
#2	.0118930	.0072071	65.75911	.1799962	.1299409	.2863059	216.2929
#3	.0119827	.0072398	65.53536	.1790633	.1285701	.2851373	218.7364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.718039	35.56115	.1904480	.0043981	2.491373	.4634216	.9725029
Stddev	.052030	.27497	.0010183	.0002991	.020111	.0059230	.0195742
%RSD	.6741397	.7732188	.5347019	6.801738	.8072348	1.278103	2.012769

#1	7.777006	35.51541	.1914856	.0041142	2.468171	.4606610	.9510204
#2	7.698521	35.31192	.1904084	.0043698	2.502136	.4593828	.9771591
#3	7.678590	35.85611	.1894501	.0047104	2.503813	.4702209	.9893292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.95199	20.08859	-.048965	.0036528	3.498815	10.18380	.0106865
Stddev	.16382	.18668	.000942	.0004547	.043957	.04926	.0002309
%RSD	.4825016	.9292810	1.923366	12.44689	1.256329	.4836987	2.160654

#1	34.01120	20.29513	-.049984	.0038534	3.548764	10.14698	.0106177
#2	33.76680	20.03876	-.048785	.0031324	3.481651	10.16466	.0109440
#3	34.07797	19.93189	-.048126	.0039728	3.466030	10.23975	.0104979

Sample Name: J5874-16 Acquired: 11/19/2018 16:36:06 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	4.633908	.1785470	.4847986
Stddev	.013032	.0017361	.0025362
%RSD	.2812387	.9723609	.5231538

#1	4.648915	.1787410	.4872546
#2	4.627366	.1767220	.4821891
#3	4.625443	.1801780	.4849520

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.167	2847.352	58044.75	5628.831	3460.919
Stddev	3.525	11.148	159.82	27.886	26.892
%RSD	.1395366	.3915245	.2753341	.4954179	.7770253

#1	2529.809	2835.802	57964.05	5598.515	3432.104
#2	2525.919	2848.204	58228.82	5653.389	3465.303
#3	2522.773	2858.050	57941.37	5634.589	3485.350

Sample Name: CCV016 Acquired: 11/19/2018 17:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665533	4.653564	F 21.73358	4.727692	4.893229	392.1080
Stddev	.024514	.004651	.06071	.021437	.006267	1.9706
%RSD	.5254228	.0999484	.2793406	.4534295	.1280831	.5025728

#1	4.690697	4.657305	21.71535	4.736530	4.899440	392.2064
#2	4.641726	4.655032	21.68408	4.703250	4.886907	394.0276
#3	4.664175	4.648356	21.80132	4.743298	4.893342	390.0900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.616559	F .4455498	2.257801	372.9443	14.17439	2.257719
Stddev	.053001	.0027739	.004015	1.4557	.01676	.005284
%RSD	.5511469	.6225802	.1778247	.3903389	.1182350	.2340503

#1	9.636645	.4439504	2.255894	372.5341	14.15660	2.252825
#2	9.656582	.4487528	2.255094	374.5612	14.18988	2.257010
#3	9.556451	.4439461	2.262413	371.7377	14.17668	2.263322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91302	379.9794	F 12.90748	384.4638	2.417477	1.156555
Stddev	.06245	2.8340	.06743	3.1910	.004788	.003653
%RSD	.4488444	.7458388	.5224285	.8299780	.1980654	.3158409

#1	13.89327	380.3181	12.90720	384.2083	2.415713	1.157870
#2	13.98295	382.6288	12.97506	387.7749	2.413821	1.159369
#3	13.86283	376.9912	12.84019	381.4083	2.422897	1.152427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	373.8693	2.307448	13.62118	144.0732	5.218749	F 4.123253
Stddev	2.0982	.023864	.12118	.5968	.008325	.026757
%RSD	.5612095	1.034225	.8896466	.4142493	.1595221	.6489403

#1	373.6270	2.294817	13.75946	144.4950	5.225467	4.117563
#2	376.0781	2.334973	13.53350	144.3344	5.209435	4.152398
#3	371.9028	2.292553	13.57058	143.3904	5.221346	4.099798

Sample Name: CCV016 Acquired: 11/19/2018 17:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.582692	4.885815	F 4.407810	4.764373	F 4.295990	4.706007
Stddev	.004262	.011963	.030649	.014083	.030597	.019422
%RSD	.0929934	.2448551	.6953410	.2955819	.7122207	.4127154

#1	4.583101	4.890432	4.395479	4.765906	4.297684	4.715789
#2	4.578241	4.872231	4.442704	4.749586	4.325704	4.718593
#3	4.586735	4.894781	4.385247	4.777626	4.264581	4.683638

Elem	Sr4077
Units	ppm
Avg	4.572086
Stddev	.027577
%RSD	.6031684

#1	4.587520
#2	4.588491
#3	4.540248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.864	2090.074	46015.98	4477.073	2935.804
Stddev	13.558	1.605	121.83	29.781	2.434
%RSD	.7113753	.0767807	.2647636	.6651899	.0829057

#1	1891.742	2089.206	45879.39	4480.660	2935.071
#2	1918.776	2091.926	46055.09	4445.661	2938.520
#3	1907.073	2089.091	46113.45	4504.898	2933.821

Sample Name: CCB016 Acquired: 11/19/2018 17:10:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005363	-.005638	-.000906	.0009350	-.000518	.0014909	-.003721
Stddev	.000991	.001759	.004590	.0001309	.001198	.0087284	.001193
%RSD	18.47333	31.20295	506.7350	13.99985	231.1098	585.4468	32.05113

#1	-.006445	-.004980	.003719	.0008980	.000822	-.006584	-.004433
#2	-.005145	-.004302	-.000975	.0008265	-.000894	.000305	-.002344
#3	-.004500	-.007631	-.005461	.0010804	-.001484	.010752	-.004386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	-.000039	.0121282	.0001516	.0002212	-.000759	.0127980
Stddev	.000025	.000131	.0161070	.0003016	.0002208	.004305	.0203624
%RSD	60.05477	340.2142	132.8066	198.9794	99.84830	567.1704	159.1055

#1	-.000050	.000013	-.005013	.0001369	.0000654	-.003058	.0320095
#2	-.000014	-.000188	.026950	.0004602	.0001243	-.003426	-.008547
#3	-.000063	.000059	.014448	-.000142	.0004739	.004207	.014932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000092	.0350127	-.000518	.0010334	.1940321	.0044230	.0037103
Stddev	.002030	.0715649	.000520	.0006855	.0872372	.0026971	.0046701
%RSD	2200.625	204.3970	100.4296	66.33326	44.96019	60.97938	125.8713

#1	-.002374	-.016441	-.000612	.0016145	.1024103	.0074903	.0067243
#2	.001511	.116739	-.000985	.0002774	.2035882	.0024223	-.001669
#3	.000586	.004740	.000043	.0012084	.2760978	.0033564	.006076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4363215	-.006198	.0078804	.0003885	-.003150	-.000371	-.000195
Stddev	.0157586	.002789	.0004796	.0002876	.001092	.001263	.001877
%RSD	3.611697	44.99658	6.085947	74.04288	34.66815	340.1120	963.6786

#1	.4280269	-.009417	.0084224	.0004110	-.001906	.000949	.001921
#2	.4544950	-.004658	.0077076	.0006642	-.003952	-.001567	-.000845
#3	.4264426	-.004518	.0075111	.0000902	-.003591	-.000496	-.001660

Sample Name: CCB016 Acquired: 11/19/2018 17:10:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v722) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010686	.0046674	-.000071
Stddev	.0018961	.0005248	.000071
%RSD	177.4367	11.24478	99.87712

#1	.0031002	.0051476	-.000134
#2	-.000654	.0047474	-.000087
#3	.000759	.0041071	.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.321	2415.959	48113.66	4624.233	3593.147
Stddev	24.046	3.958	307.72	15.735	4.492
%RSD	1.129825	.1638452	.6395744	.3402623	.1250282

#1	2101.480	2411.401	47809.99	4609.750	3587.963
#2	2135.585	2418.537	48105.70	4640.975	3595.583
#3	2147.897	2417.938	48425.28	4621.975	3595.896