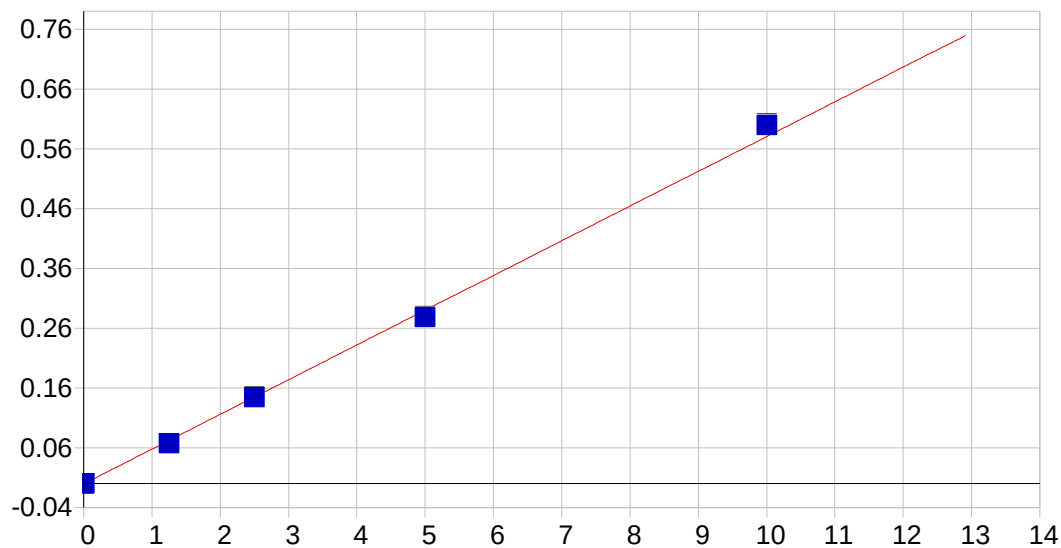


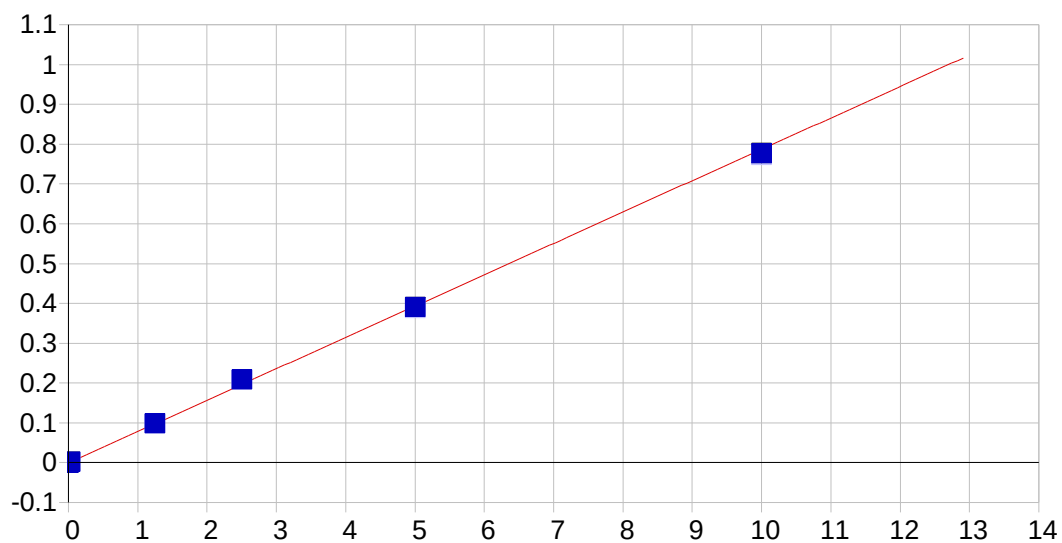


As 189.042 {479}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.058064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999252 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.003159
 Predicted MQL: 0.010529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00023	.000	1
S1	.01000	.00536	-.005	-46.4	.00008	.000	1
S2	1.2500	1.1560	-.094	-7.52	.06717	.000	1
S3	2.5000	2.4859	-.014	-.562	.14467	.000	1
S4	5.0000	4.7915	-.209	-4.17	.27910	.001	1
S5	10.000	10.321	.321	3.21	.60130	.001	1

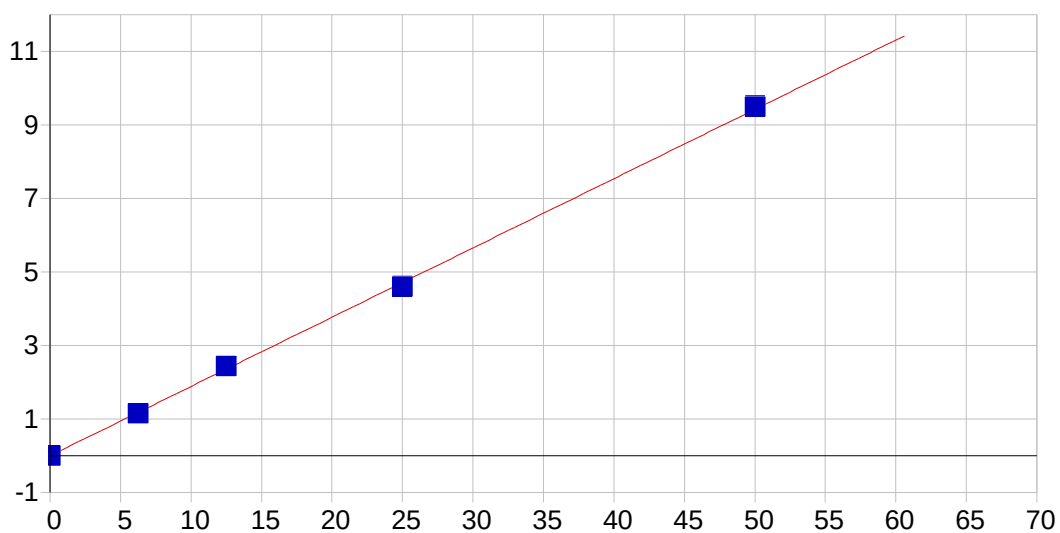


TI 190.856 {477}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 0.078768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.001920
 Predicted MQL: 0.006398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.02500	.02509	.000	.366	.00133	.000	1
S2	1.2500	1.2566	.007	.529	.09777	.000	1
S3	2.5000	2.6634	.163	6.54	.20798	.000	1
S4	5.0000	4.9637	-.036	-.726	.38798	.001	1
S5	10.000	9.8662	-.134	-1.34	.77176	.001	1

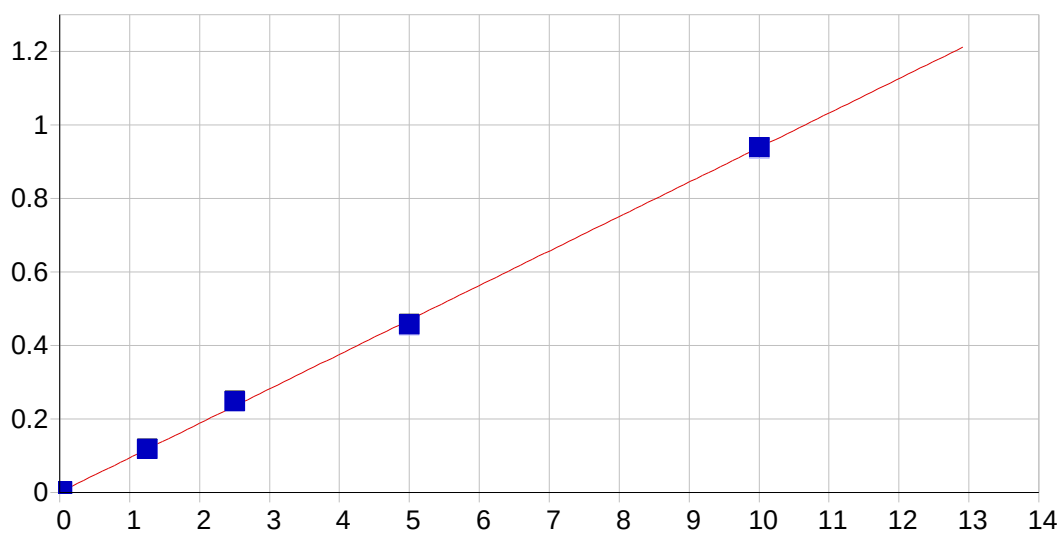


Pb 220.353 {453}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000
 A1 (Gain): 0.188485 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.001684
 Predicted MQL: 0.005612

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00839	-.002	-16.1	.00140	.000	1
S2	6.2500	6.0650	-.185	-2.96	1.1446	.005	1
S3	12.500	12.889	.389	3.11	2.4324	.001	1
S4	25.000	24.408	-.592	-2.37	4.6068	.001	1
S5	50.000	50.390	.390	.780	9.5107	.009	1

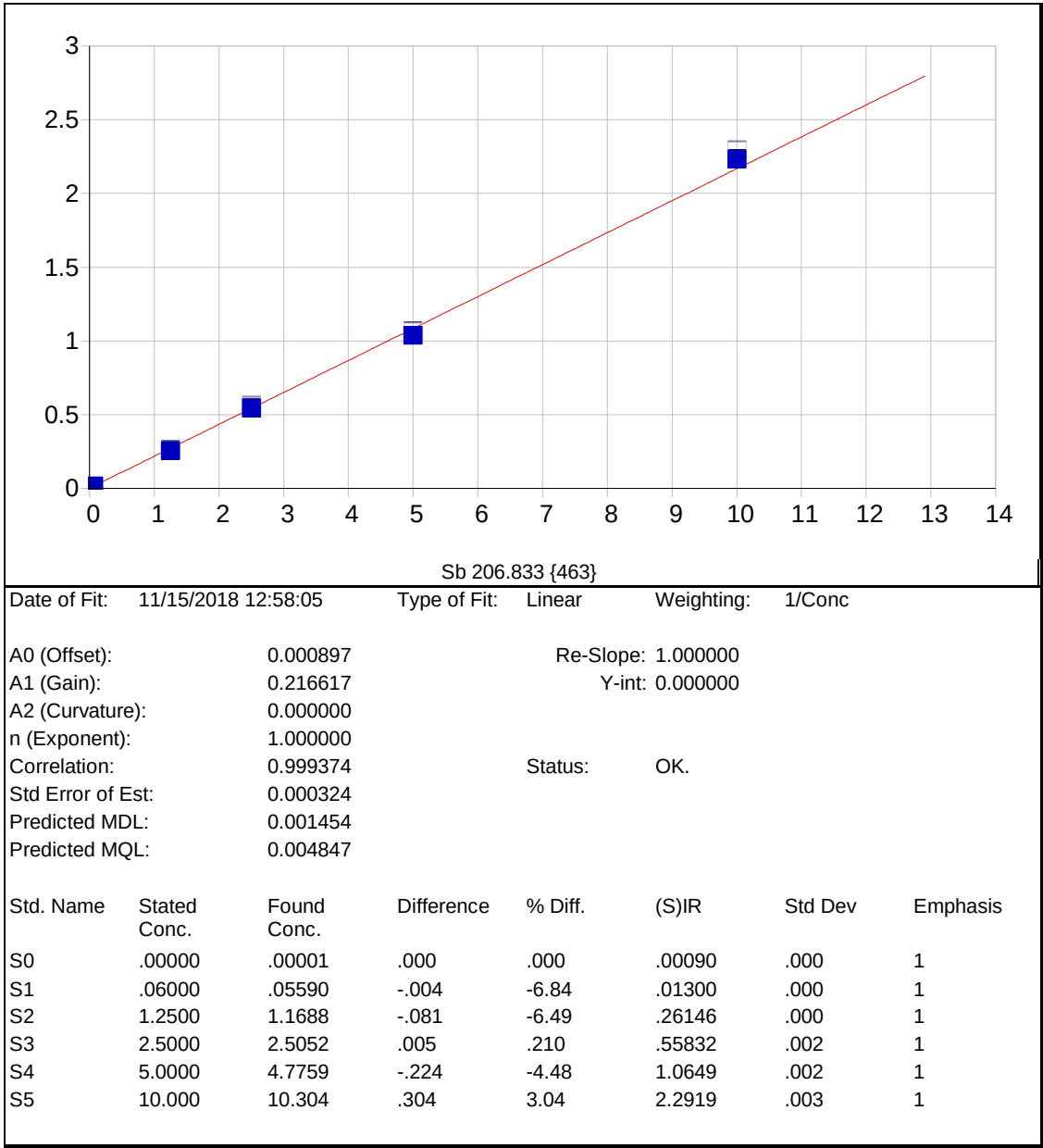


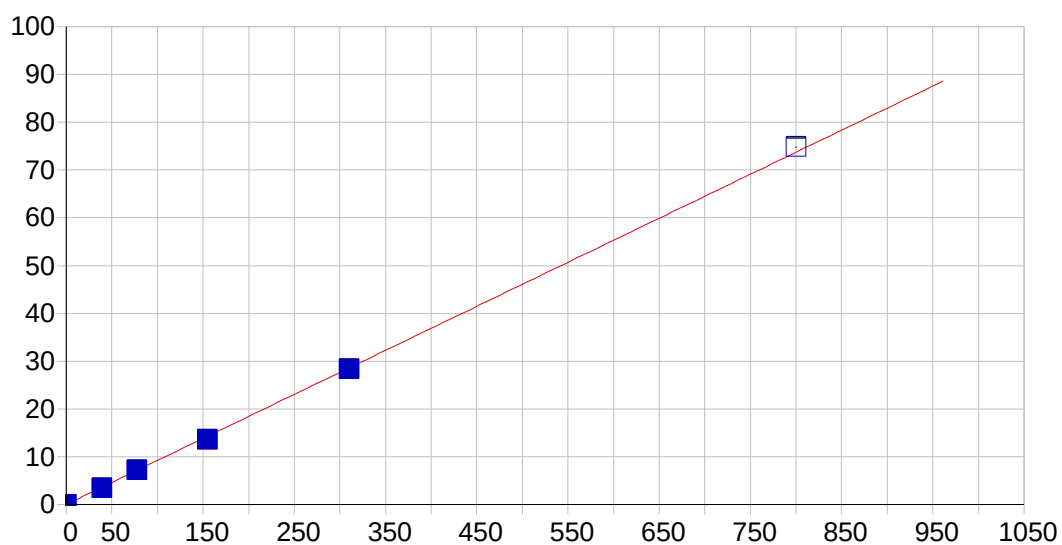
Se 196.090 {472}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000626 Re-Slope: 1.000000
 A1 (Gain): 0.093774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.002660
 Predicted MQL: 0.008868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.03500	.03221	-.003	-7.97	.00364	.000	1
S2	1.2500	1.2500	.000	-.004	.11729	.001	1
S3	2.5000	2.6415	.142	5.66	.24723	.000	1
S4	5.0000	4.8599	-.140	-2.80	.45416	.001	1
S5	10.000	10.001	.001	.015	.93411	.001	1



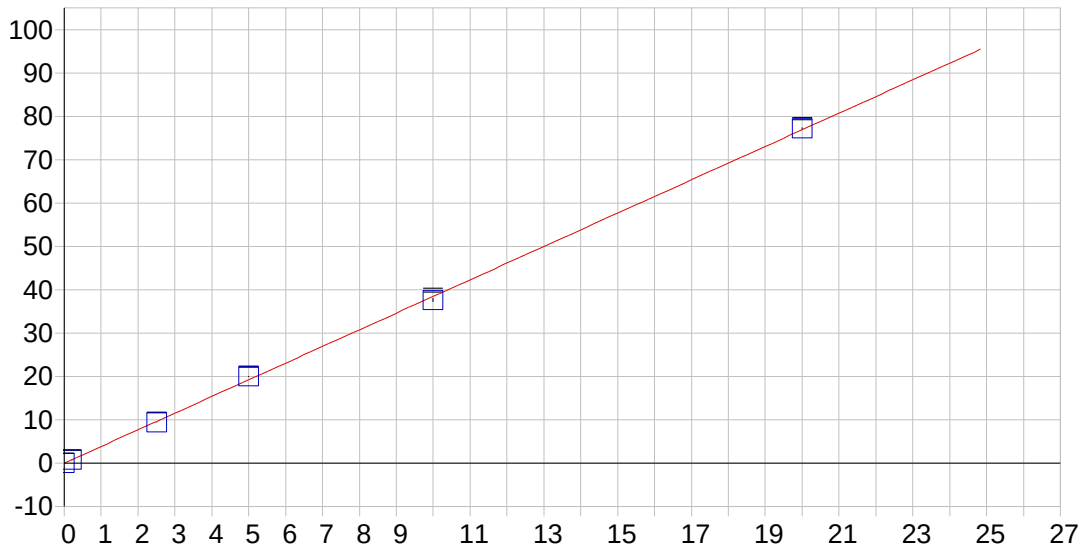


AI 396.152 { 85}

Date of Fit: 11/15/2018 13:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005164 Re-Slope: 1.000000
 A1 (Gain): 0.092158 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739 Status: OK.
 Std Error of Est: 0.001309
 Predicted MDL: 0.014087
 Predicted MQL: 0.046957

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00517	.000	1
S1	.20000	.19725	-.003	-1.38	.02337	.000	1
S2	38.750	36.875	-1.88	-4.84	3.4068	.014	1
S3	77.500	77.919	.419	.541	7.1927	.015	1
S4	155.00	146.78	-8.22	-5.30	13.545	.076	1
S5	310.00	307.81	-2.19	-.708	28.398	.085	1
S6	800.00	811.89	11.9	1.49	74.827	.165	1

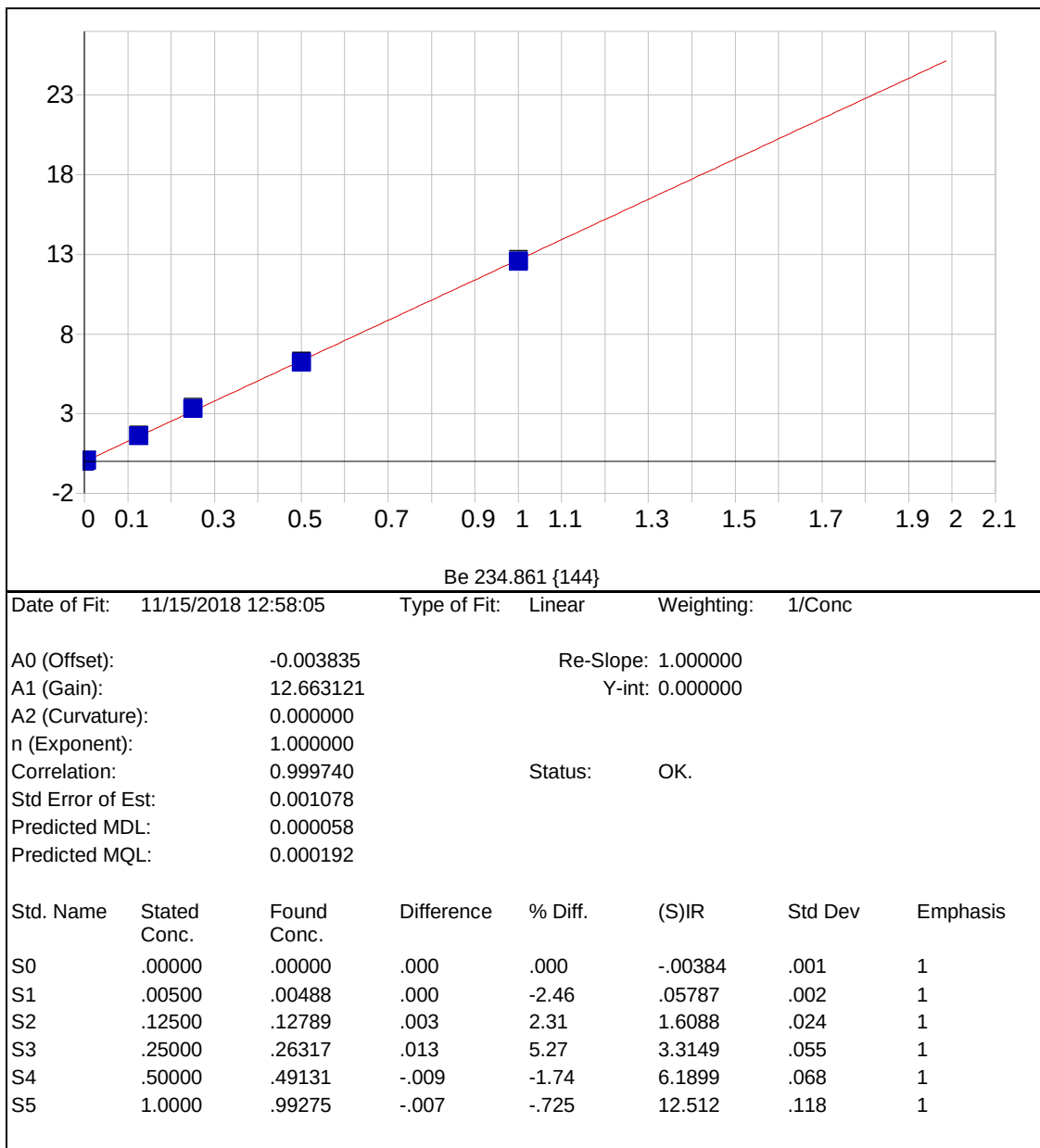


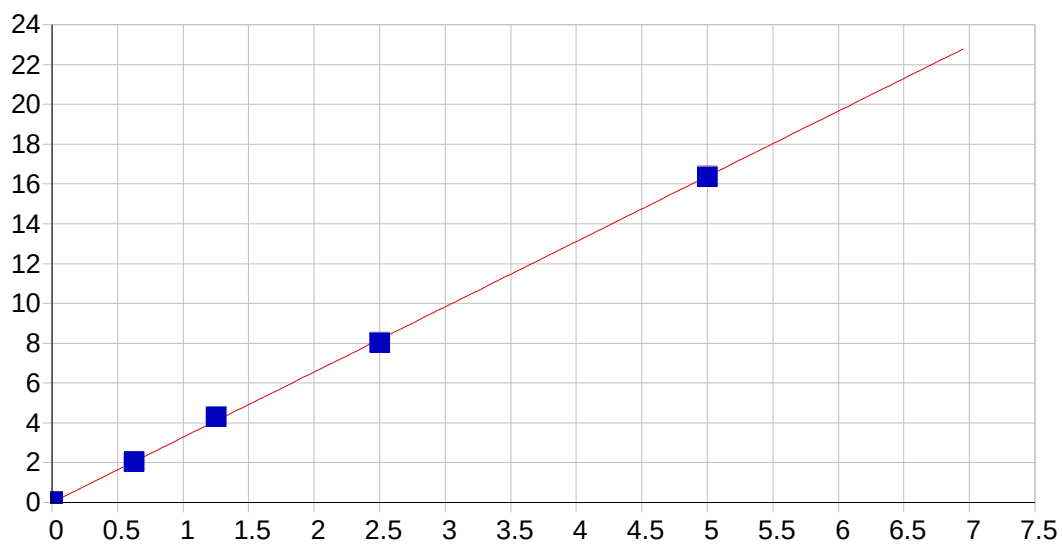
Ba 493.409 { 68}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000709 Re-Slope: 1.000000
 A1 (Gain): 3.843555 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.007731
 Predicted MDL: 0.000683
 Predicted MQL: 0.002275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00074	.002	1
S1	.20000	.19246	-.008	-3.77	.74043	.005	1
S2	2.5000	2.4466	-.053	-2.13	9.4045	.050	1
S3	5.0000	5.1890	.189	3.78	19.945	.102	1
S4	10.000	9.7862	-.214	-2.14	37.615	.479	1
S5	20.000	20.086	.086	.428	77.201	.250	1



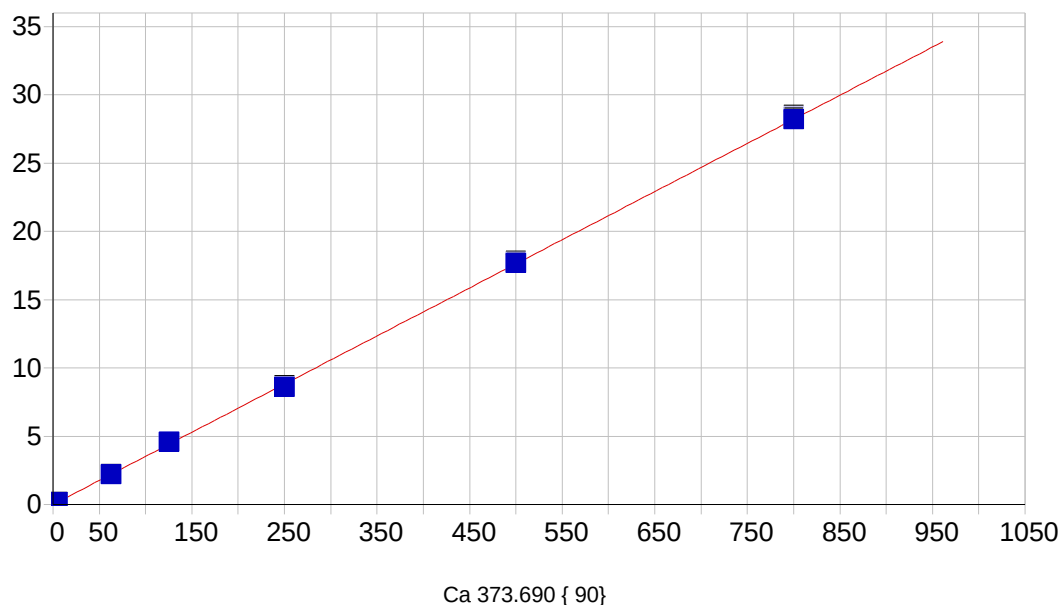


Cd 214.438 {457}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000289 Re-Slope: 1.000000
 A1 (Gain): 3.276823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000591
 Predicted MDL: 0.000076
 Predicted MQL: 0.000254

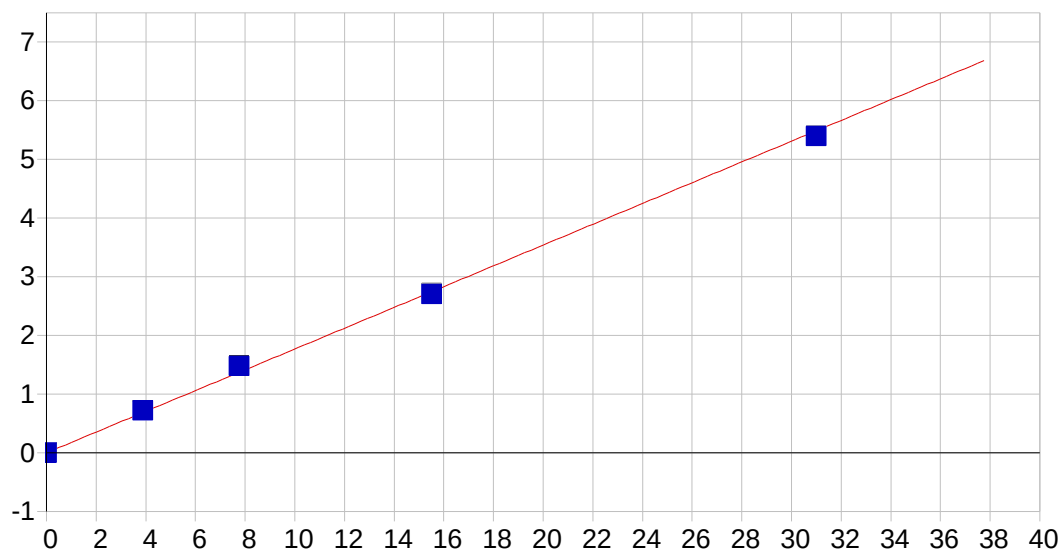
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00500	.00514	.000	2.74	.01713	.000	1
S2	.62500	.62494	.000	-.010	2.0523	.007	1
S3	1.2500	1.3139	.064	5.11	4.3142	.004	1
S4	2.5000	2.4490	-.051	-2.04	8.0420	.011	1
S5	5.0000	4.9870	-.013	-.259	16.376	.010	1



Date of Fit: 11/15/2018 13:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002379 Re-Slope: 1.000000
 A1 (Gain): 0.035258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.001814
 Predicted MDL: 0.026441
 Predicted MQL: 0.088137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00238	.001	1
S1	5.0000	4.9582	-.042	-.836	.17721	.001	1
S2	62.500	62.215	-.285	-.456	2.2038	.012	1
S3	125.00	130.05	5.05	4.04	4.6033	.030	1
S4	250.00	243.50	-6.50	-2.60	8.6190	.102	1
S5	500.00	501.35	1.35	.270	17.742	.084	1
S6	800.00	800.42	.423	.053	28.391	.154	1

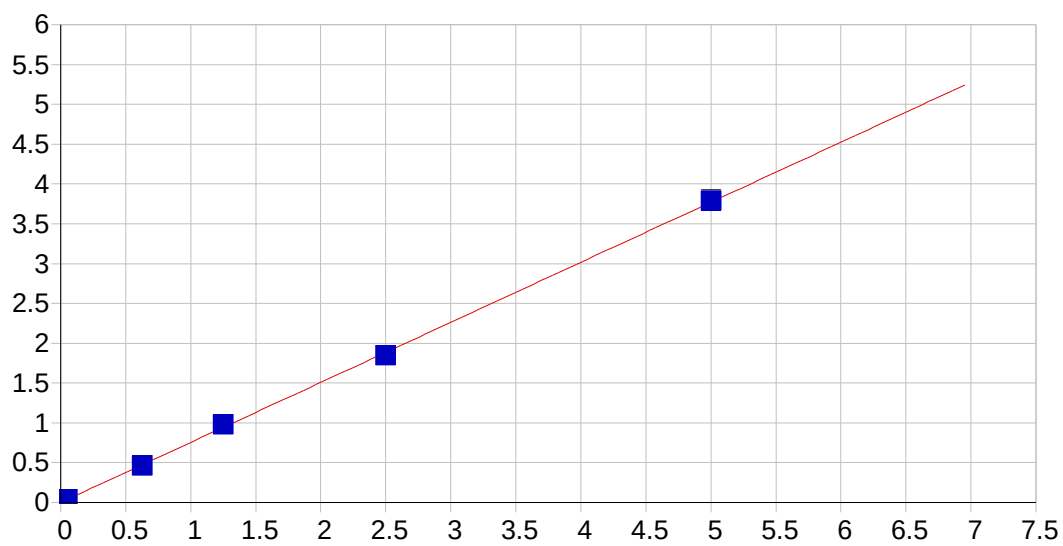


Cr 267.716 {126}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.177096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999449 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.000525
 Predicted MQL: 0.001749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01147	.001	14.7	.00206	.000	1
S2	3.8750	4.0455	.171	4.40	.71768	.001	1
S3	7.7500	8.3348	.585	7.55	1.4785	.007	1
S4	15.500	15.288	-.212	-1.37	2.7124	.008	1
S5	31.000	30.455	-.545	-1.76	5.4032	.005	1

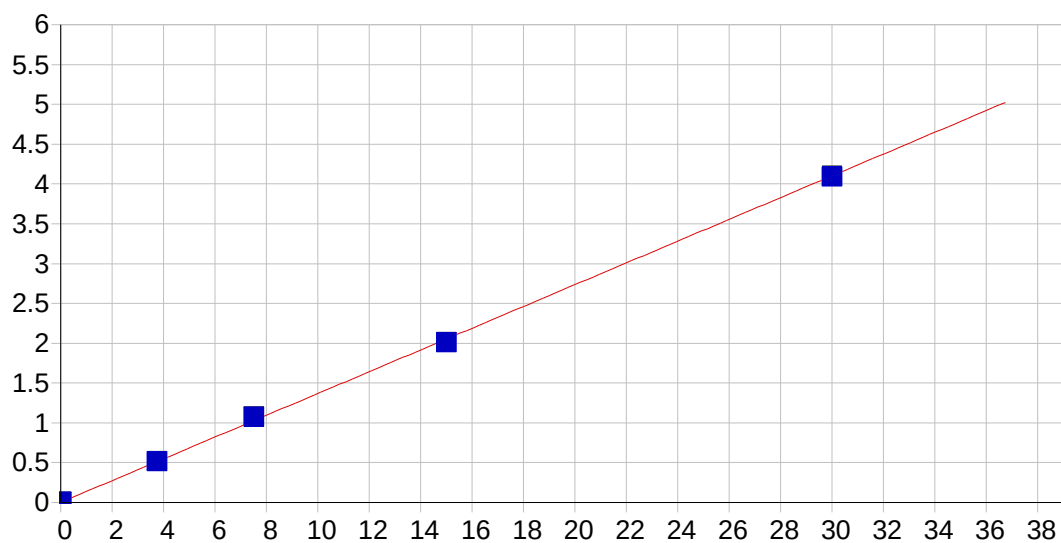


Co 228.616 {448}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.754107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000394
 Predicted MDL: 0.000283
 Predicted MQL: 0.000944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.05000	.04771	-.002	-4.59	.03627	.000	1
S2	.62500	.60986	-.015	-2.42	.46098	.002	1
S3	1.2500	1.2975	.047	3.80	.98046	.001	1
S4	2.5000	2.4443	-.056	-2.23	1.8471	.002	1
S5	5.0000	5.0257	.026	.514	3.7975	.002	1

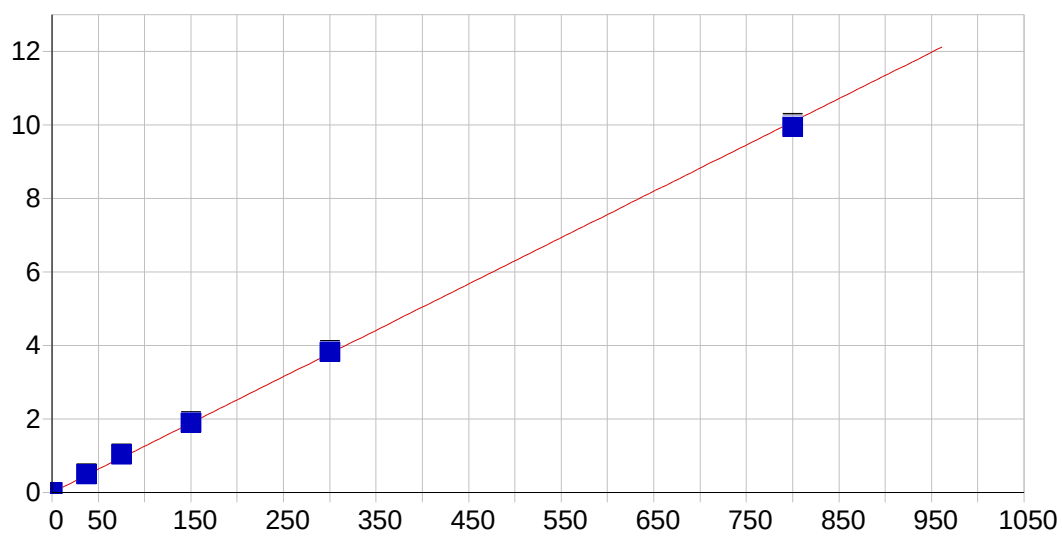


Cu 324.754 {104}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001659 Re-Slope: 1.000000
 A1 (Gain): 0.136667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.004794
 Predicted MQL: 0.015980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00166	.001	1
S1	.02500	.01678	-.008	-32.9	.00394	.001	1
S2	3.7500	3.7679	.018	.478	.51629	.002	1
S3	7.5000	7.8647	.365	4.86	1.0759	.004	1
S4	15.000	14.687	-.313	-2.09	2.0076	.004	1
S5	30.000	29.938	-.062	-.205	4.0907	.008	1

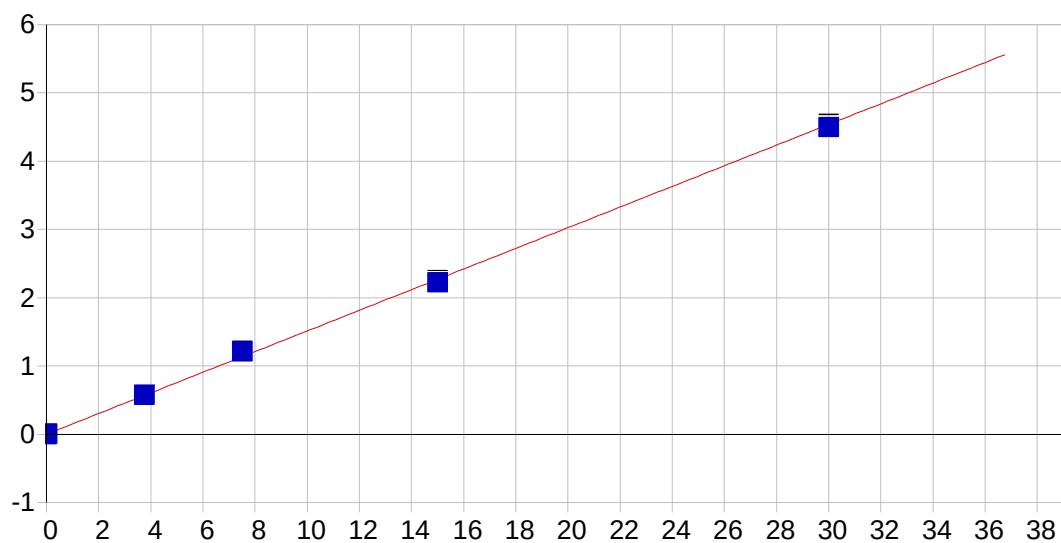


Fe 259.837 {130}

Date of Fit: 11/15/2018 13:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000360 Re-Slope: 1.000000
 A1 (Gain): 0.012606 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.023720
 Predicted MQL: 0.079068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00036	.000	1
S1	.10000	.12256	.023	22.6	.00193	.000	1
S2	37.500	39.232	1.73	4.62	.49746	.005	1
S3	75.000	81.797	6.80	9.06	1.0366	.006	1
S4	150.00	150.28	.279	.186	1.9049	.024	1
S5	300.00	302.64	2.64	.881	3.8358	.035	1
S6	800.00	788.52	-11.5	-1.44	9.9864	.061	1

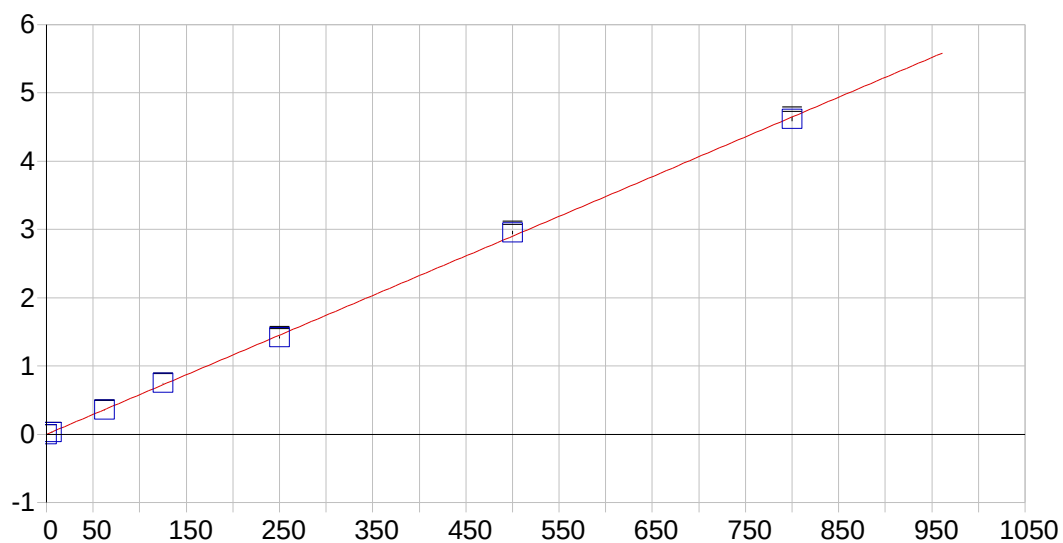


Mn 257.610 {131}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000093	Re-Slope: 1.000000
A1 (Gain):	0.151286	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999624	Status: OK.
Std Error of Est:	0.000148	
Predicted MDL:	0.001723	
Predicted MQL:	0.005744	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01500	.01471	.000	-1.96	.00232	.000	1
S2	3.7500	3.8274	.077	2.06	.57926	.006	1
S3	7.5000	7.9923	.492	6.56	1.2095	.008	1
S4	15.000	14.701	-.299	-1.99	2.2247	.032	1
S5	30.000	29.729	-.271	-.902	4.4988	.044	1

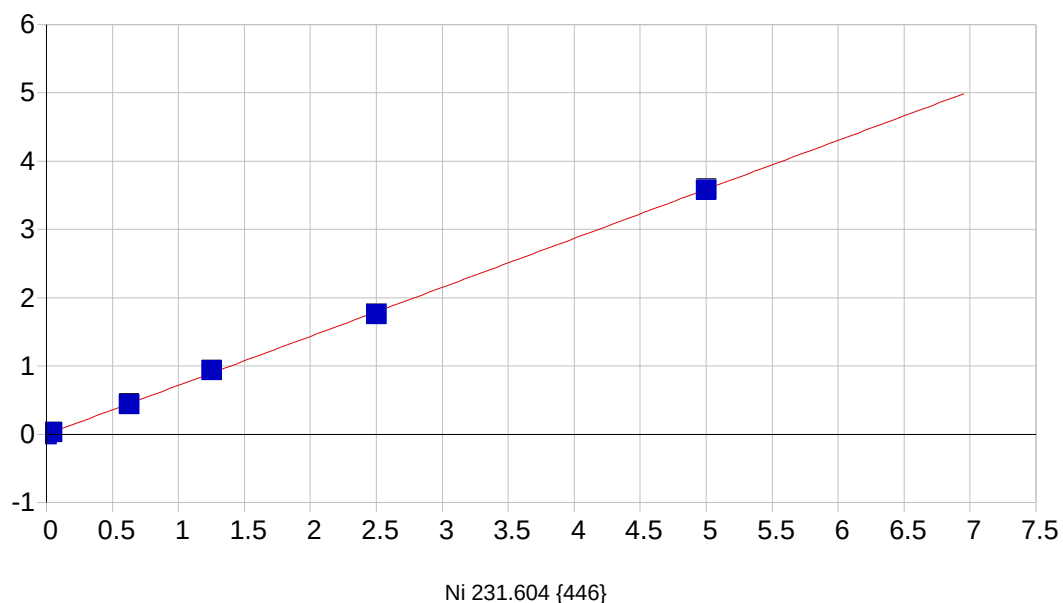


Mg 279.079 {121}

Date of Fit: 11/15/2018 13:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000
 A1 (Gain): 0.005807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000354
 Predicted MDL: 0.063146
 Predicted MQL: 0.210486

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00018	.000	1
S1	5.0000	4.6224	-.378	-7.55	.02666	.000	1
S2	62.500	61.095	-1.41	-2.25	.35461	.003	1
S3	125.00	129.26	4.26	3.41	.75048	.004	1
S4	250.00	244.05	-5.95	-2.38	1.4171	.014	1
S5	500.00	508.67	8.67	1.73	2.9539	.022	1
S6	800.00	794.80	-5.20	-.650	4.6156	.031	1



Date of Fit: 11/15/2018 12:58:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002031

Re-Slope: 1.000000

A1 (Gain): 0.717852

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999805

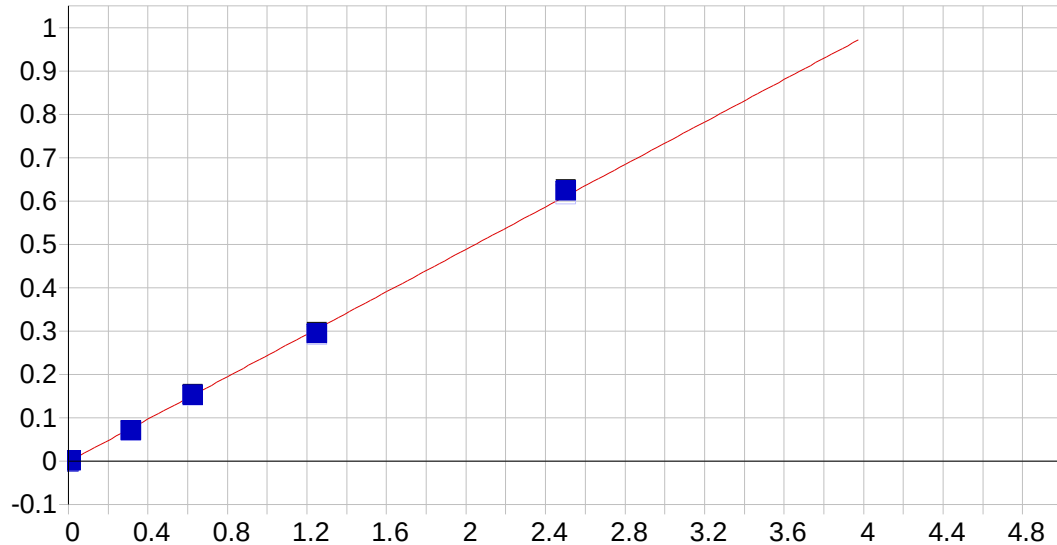
Status: OK.

Std Error of Est: 0.000338

Predicted MDL: 0.000391

Predicted MQL: 0.001303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00203	.000	1
S1	.04000	.04050	.000	1.24	.02705	.000	1
S2	.62500	.61660	-.008	-1.34	.44152	.002	1
S3	1.2500	1.3081	.058	4.64	.93880	.001	1
S4	2.5000	2.4533	-.047	-1.87	1.7627	.002	1
S5	5.0000	4.9966	-.003	-.068	3.5921	.005	1

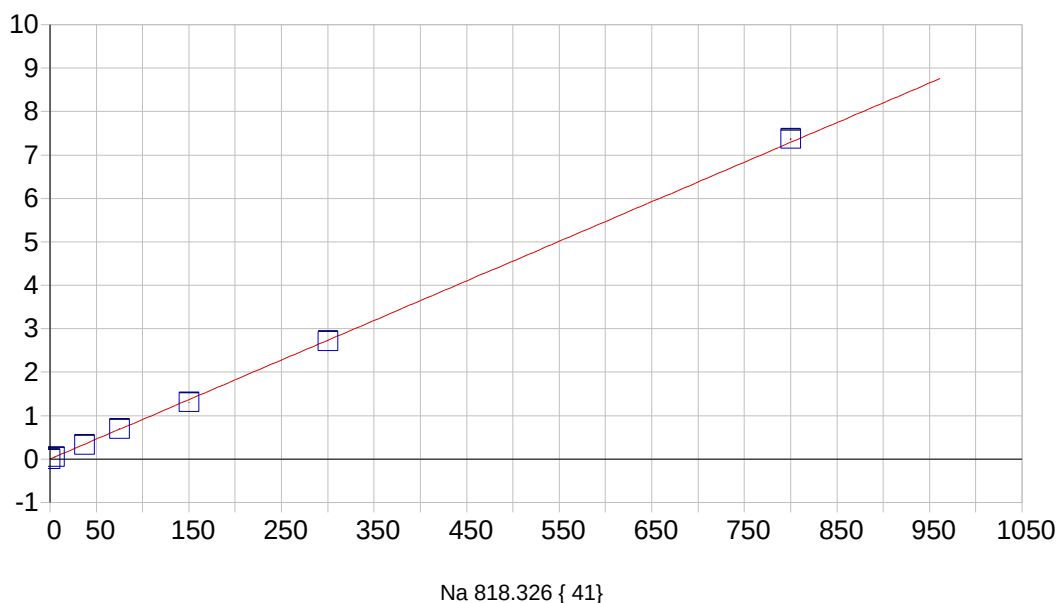


Ag 328.068 {103}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001105 Re-Slope: 1.000000
 A1 (Gain): 0.244725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000539
 Predicted MQL: 0.001795

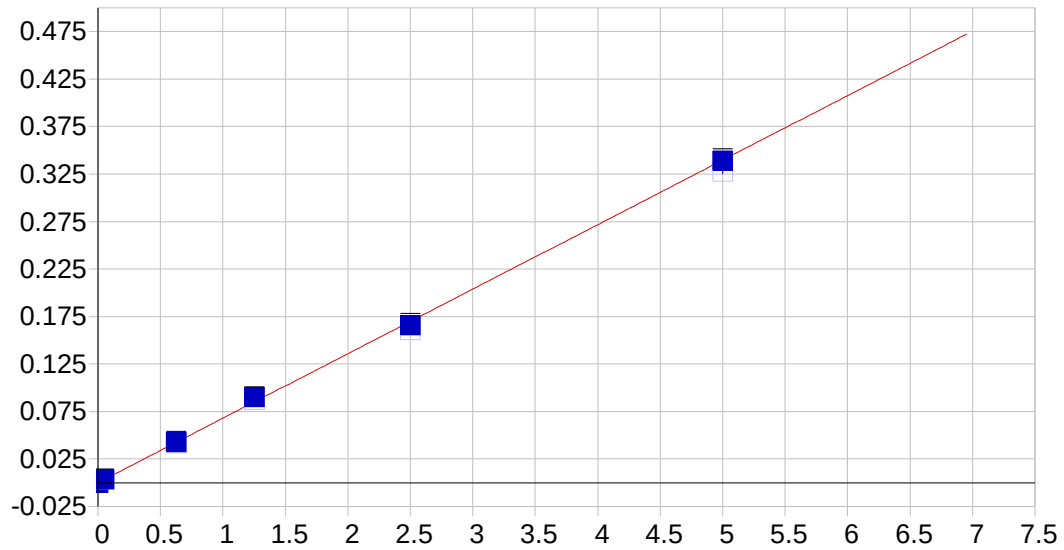
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.01000	.00968	.000	-3.21	.00125	.000	1
S2	.31250	.29369	-.019	-6.02	.06960	.000	1
S3	.62500	.63092	.006	.947	.15097	.001	1
S4	1.2500	1.2109	-.039	-3.13	.29058	.002	1
S5	2.5000	2.5523	.052	2.09	.61419	.002	1



Date of Fit: 11/15/2018 13:02:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001808 Re-Slope: 1.000000
 A1 (Gain): 0.009110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000530
 Predicted MDL: 0.312856
 Predicted MQL: 1.042854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.00181	.003	1
S1	5.0000	4.9305	-.070	-1.39	.04673	.001	1
S2	37.500	36.166	-1.33	-3.56	.33129	.004	1
S3	75.000	76.453	1.45	1.94	.69831	.001	1
S4	150.00	143.26	-6.74	-4.50	1.3069	.008	1
S5	300.00	298.08	-1.92	-.639	2.7174	.009	1
S6	800.00	808.61	8.61	1.08	7.3685	.022	1



V 292.402 {115}

Date of Fit: 11/15/2018 12:58:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000046

Re-Slope: 1.000000

A1 (Gain): 0.067929

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999681

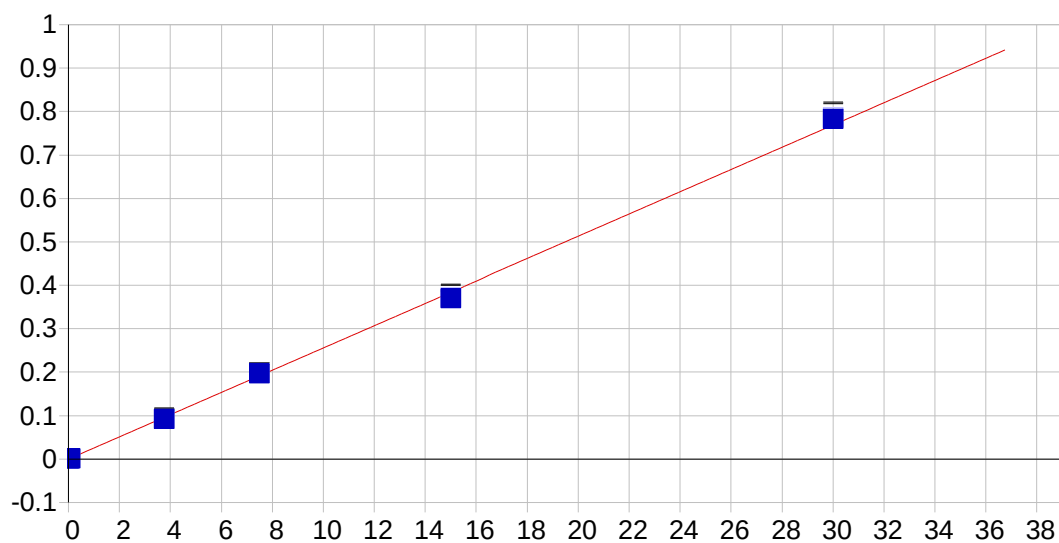
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.006564

Predicted MQL: 0.021879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.05000	.05170	.002	3.40	.00355	.000	1
S2	.62500	.62689	.002	.303	.04123	.001	1
S3	1.2500	1.3214	.071	5.71	.08701	.001	1
S4	2.5000	2.4401	-.060	-2.40	.16019	.002	1
S5	5.0000	4.9849	-.015	-.303	.32746	.002	1

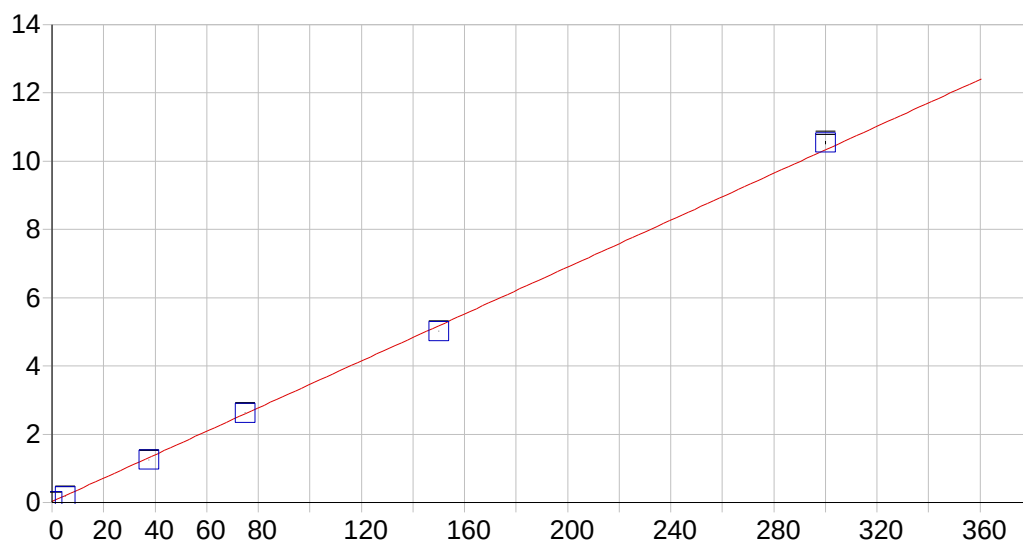


Zn 213.856 {158}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.025634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.014007
 Predicted MQL: 0.046691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00017	.000	1
S1	.06000	.04823	-.012	-19.6	.00107	.000	1
S2	3.7500	3.5925	-.157	-4.20	.09238	.002	1
S3	7.5000	7.6896	.190	2.53	.19785	.002	1
S4	15.000	14.442	-.558	-3.72	.37186	.007	1
S5	30.000	30.537	.537	1.79	.78625	.013	1

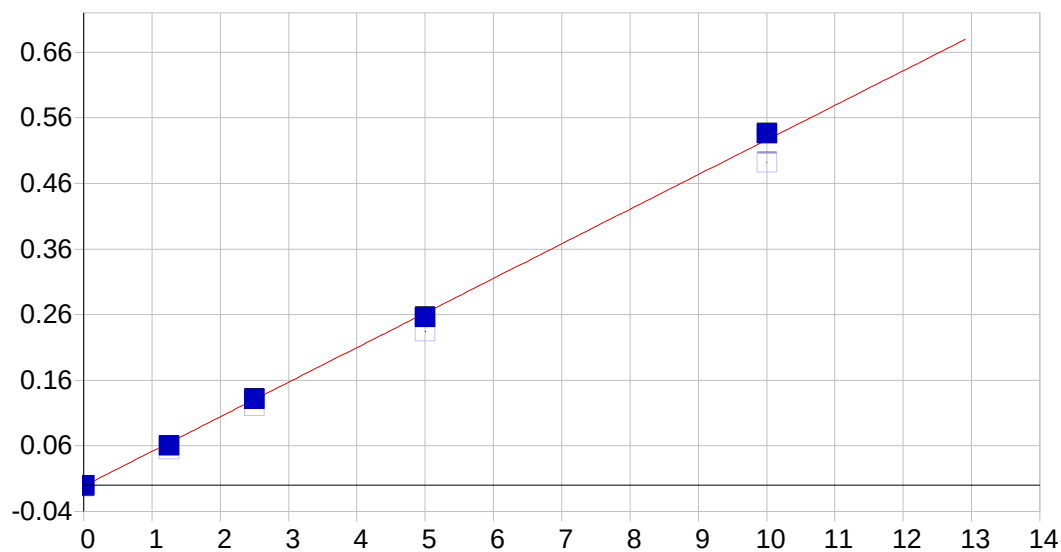


K 769.896 { 44}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024253 Re-Slope: 1.000000
 A1 (Gain): 0.034367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.001866
 Predicted MDL: 0.074775
 Predicted MQL: 0.249251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00063	.001	.000	.02427	.001	1
S1	5.0000	4.6269	-.373	-7.46	.18327	.002	1
S2	37.500	35.641	-1.86	-4.96	1.2491	.005	1
S3	75.000	75.710	.710	.947	2.6262	.005	1
S4	150.00	145.39	-4.61	-3.07	5.0209	.009	1
S5	300.00	306.13	6.13	2.04	10.545	.055	1

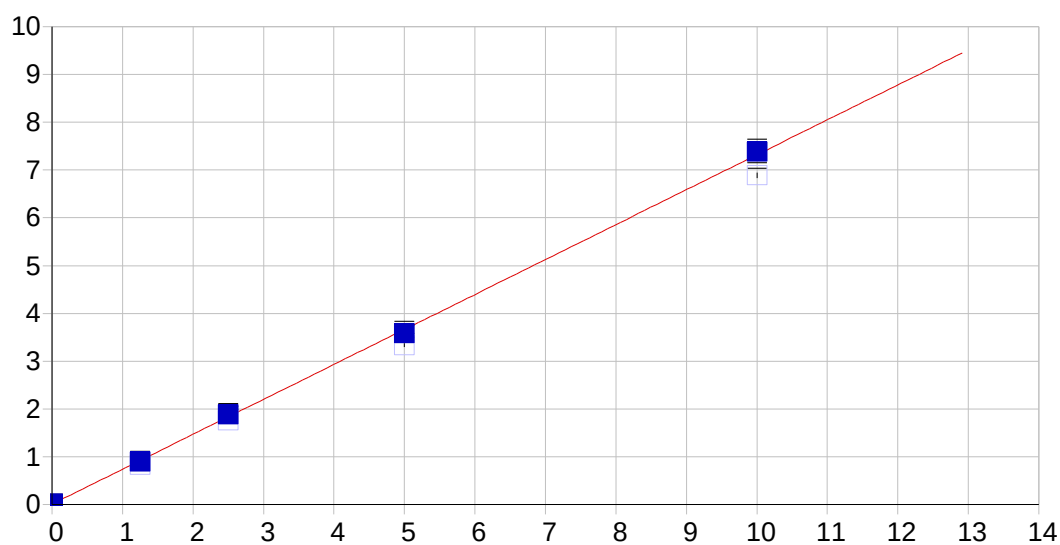


P 177.495 {490}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001206 Re-Slope: 1.000000
 A1 (Gain): 0.052748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999583 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002251
 Predicted MQL: 0.007503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.01000	.00993	.000	-.724	-.00072	.000	1
S2	1.2500	1.1593	-.091	-7.25	.05441	.000	1
S3	2.5000	2.5157	.016	.626	.12042	.001	1
S4	5.0000	4.8824	-.118	-2.35	.23419	.000	1
S5	10.000	10.193	.193	1.93	.49215	.001	1

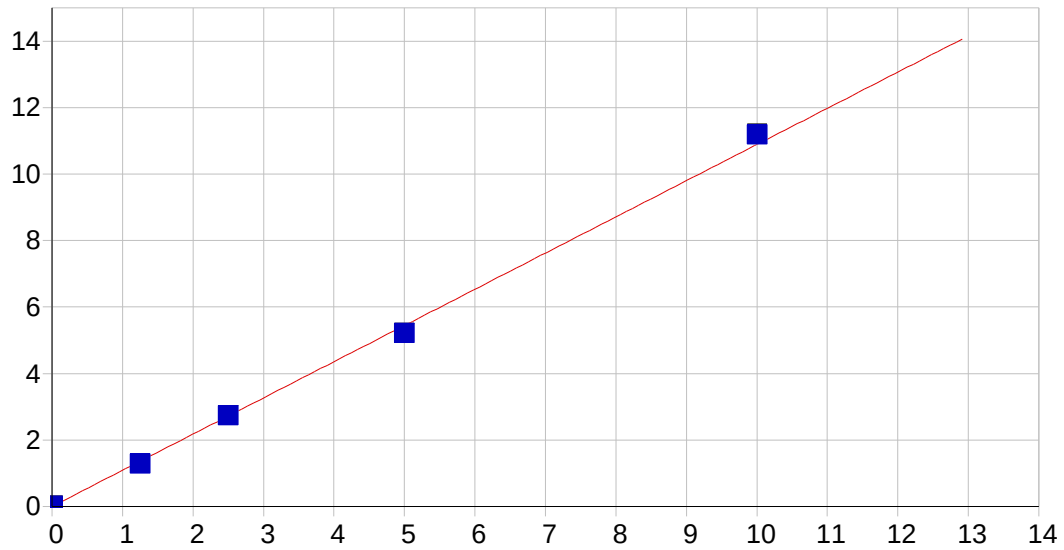


B 249.678 {135}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006799 Re-Slope: 1.000000
 A1 (Gain): 0.731273 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.001012
 Predicted MQL: 0.003374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00680	.001	1
S1	.01000	.00665	-.003	-33.5	.01154	.001	1
S2	1.2500	1.2139	-.036	-2.89	.83196	.014	1
S3	2.5000	2.5578	.058	2.31	1.7522	.033	1
S4	5.0000	4.8925	-.108	-2.15	3.3344	.041	1
S5	10.000	10.089	.089	.893	6.8846	.058	1

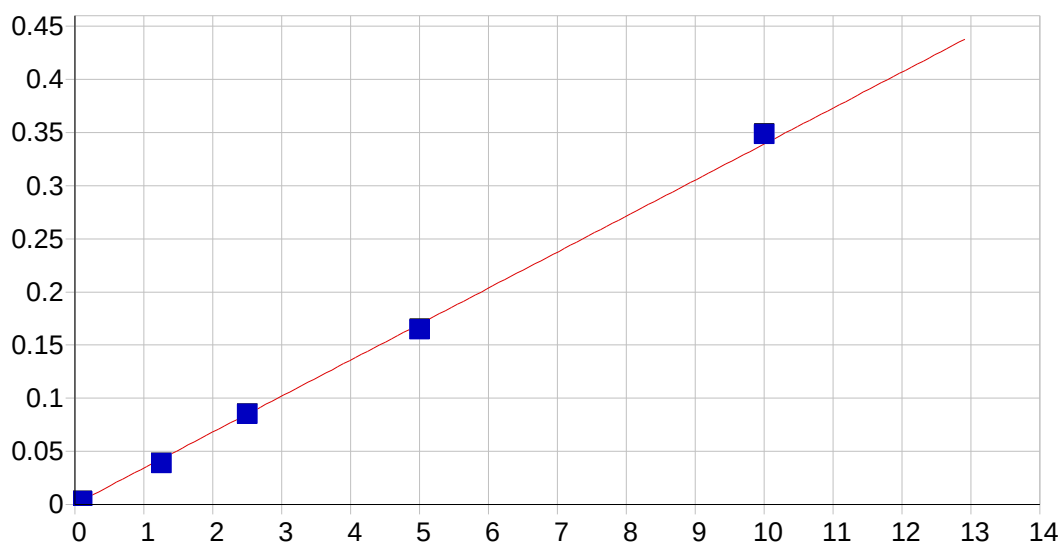


Mo 202.030 {467}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000550 Re-Slope: 1.000000
 A1 (Gain): 1.088899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999454 Status: OK.
 Std Error of Est: 0.000604
 Predicted MDL: 0.000257
 Predicted MQL: 0.000857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.01000	.00939	-.001	-6.07	.01077	.000	1
S2	1.2500	1.1828	-.067	-5.38	1.2884	.005	1
S3	2.5000	2.5162	.016	.646	2.7403	.006	1
S4	5.0000	4.7821	-.218	-4.36	5.2075	.009	1
S5	10.000	10.270	.270	2.70	11.183	.020	1

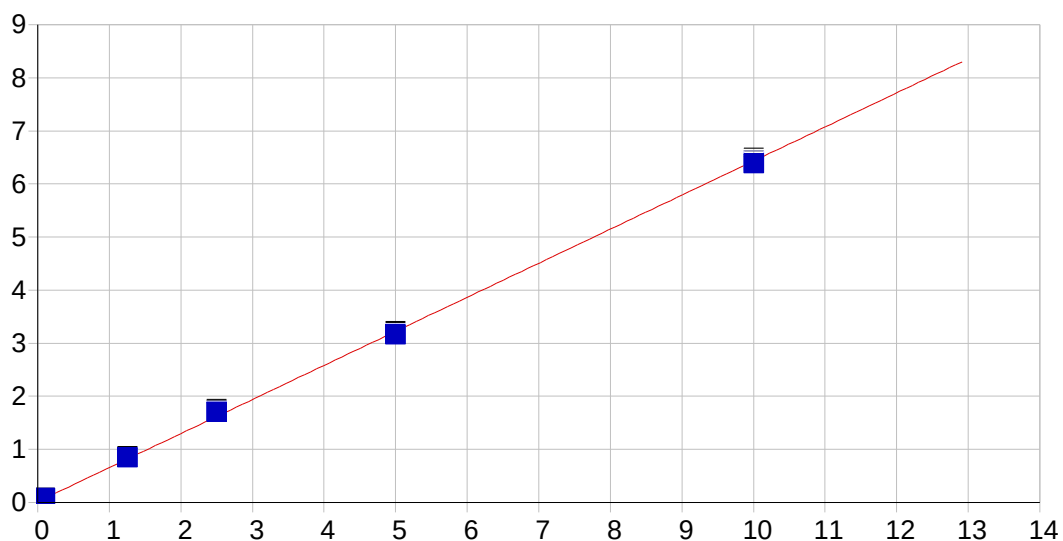


S 182.034 {485}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.033883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999355 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.003816
 Predicted MQL: 0.012721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00036	.000	1
S1	.10000	.08320	-.017	-16.8	.00318	.000	1
S2	1.2500	1.1395	-.111	-8.84	.03899	.000	1
S3	2.5000	2.5042	.004	.169	.08524	.000	1
S4	5.0000	4.8518	-.148	-2.96	.16482	.000	1
S5	10.000	10.271	.271	2.71	.34851	.001	1

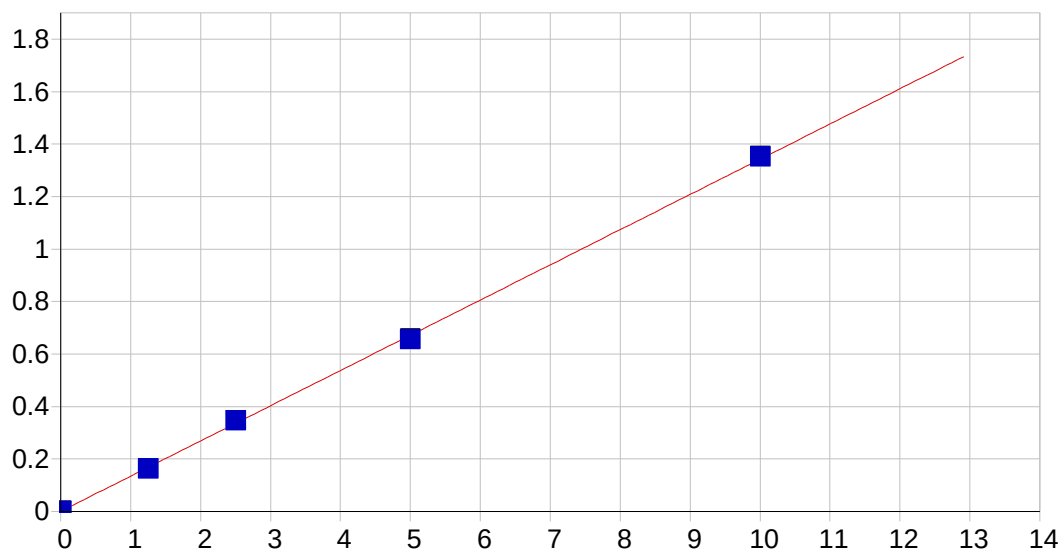


Si 251.611 {134}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015120 Re-Slope: 1.000000
 A1 (Gain): 0.641707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687 Status: OK.
 Std Error of Est: 0.000861
 Predicted MDL: 0.001186
 Predicted MQL: 0.003953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01512	.000	1
S1	.10000	.09751	-.002	-2.49	.07791	.000	1
S2	1.2500	1.2944	.044	3.55	.85230	.016	1
S3	2.5000	2.6387	.139	5.55	1.7215	.031	1
S4	5.0000	4.8989	-.101	-2.02	3.1851	.041	1
S5	10.000	9.9206	-.079	-.794	6.4338	.056	1

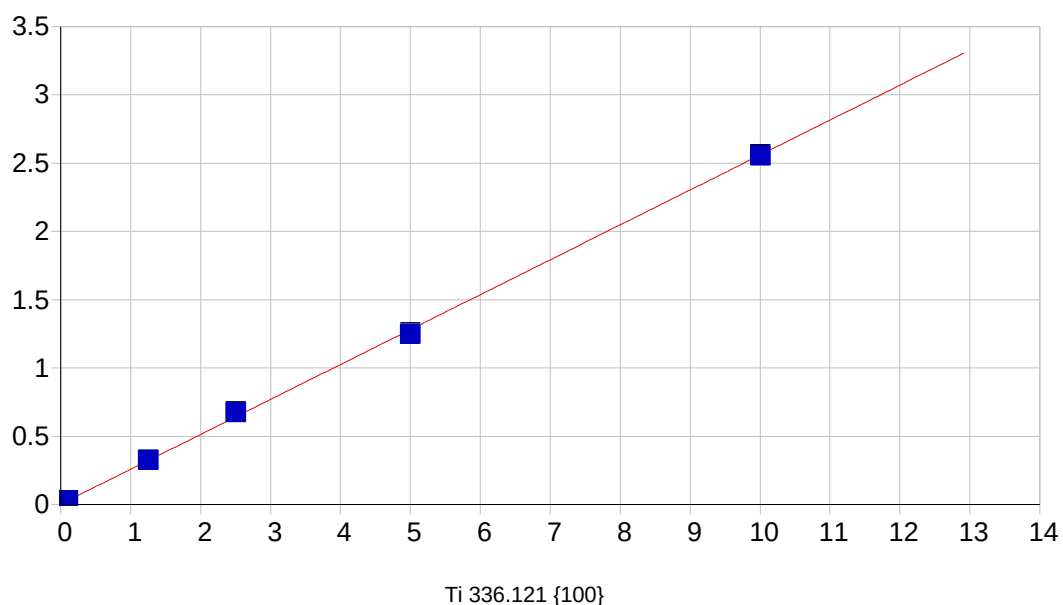


Sn 189.989 {478}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.134183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.000961
 Predicted MQL: 0.003202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.00700	.00525	-.002	-25.0	.00116	.000	1
S2	1.2500	1.2060	-.044	-3.52	.16196	.001	1
S3	2.5000	2.5768	.077	3.07	.34552	.001	1
S4	5.0000	4.8908	-.109	-2.18	.65527	.001	1
S5	10.000	10.078	.078	.780	1.3498	.001	1



Date of Fit: 11/15/2018 12:58:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001746

Re-Slope: 1.000000

A1 (Gain): 0.255865

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999739

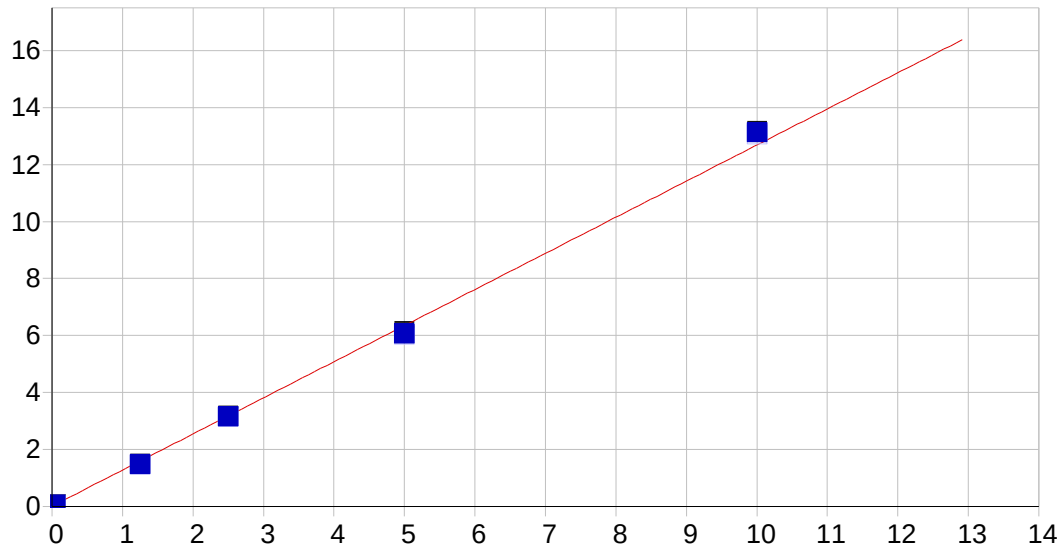
Status: OK.

Std Error of Est: 0.000311

Predicted MDL: 0.002564

Predicted MQL: 0.008546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00174	.000	1
S1	.10000	.10050	.000	.498	.02745	.001	1
S2	1.2500	1.2587	.009	.695	.32368	.001	1
S3	2.5000	2.6324	.132	5.29	.67503	.003	1
S4	5.0000	4.8839	-.116	-2.32	1.2509	.006	1
S5	10.000	9.9746	-.025	-.254	2.5529	.010	1

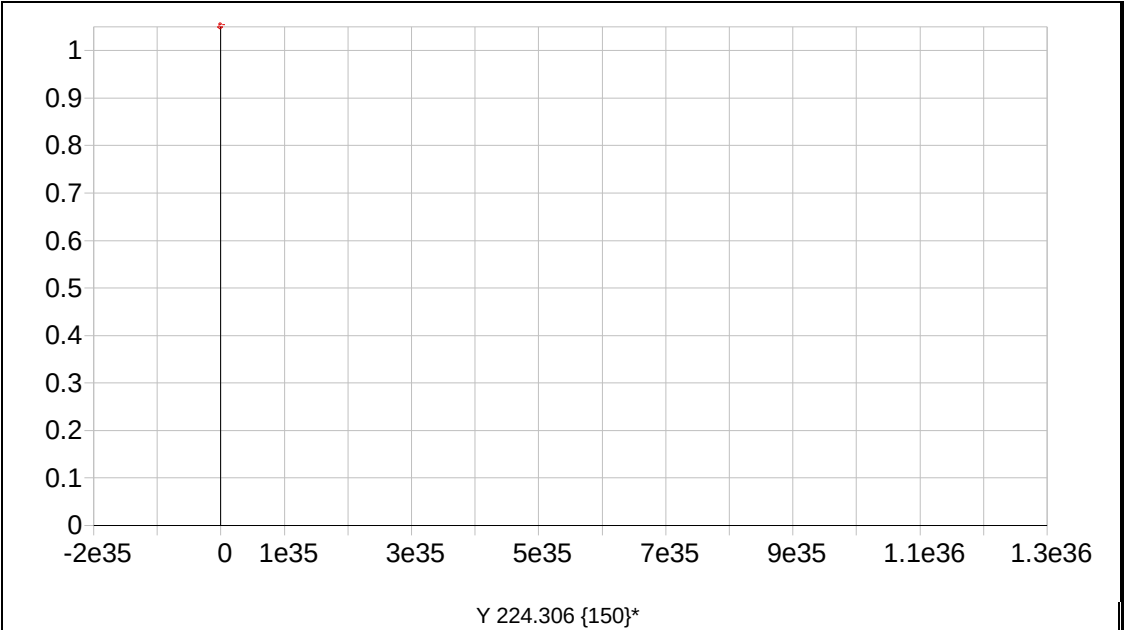


Li 670.784 { 50}

Date of Fit: 11/15/2018 12:58:05 Type of Fit: Linear Weighting: 1/Conc

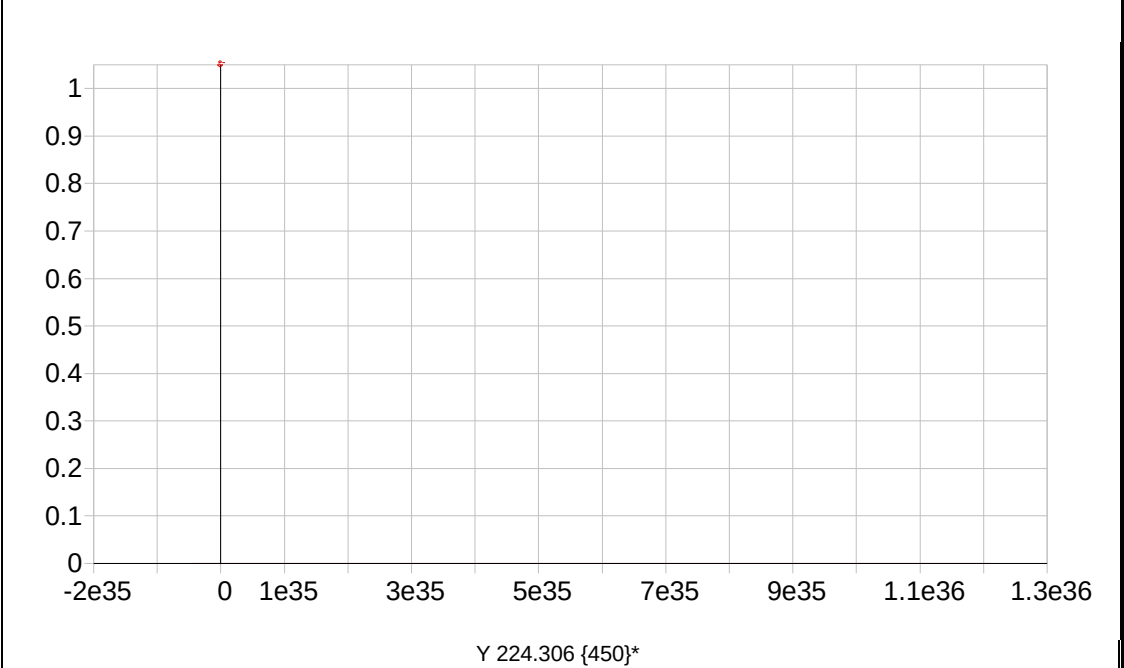
A0 (Offset): 0.012094 Re-Slope: 1.000000
 A1 (Gain): 1.267350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999186 Status: OK.
 Std Error of Est: 0.001909
 Predicted MDL: 0.002252
 Predicted MQL: 0.007505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01211	.001	1
S5	10.000	10.344	.344	3.44	13.051	.046	1
S4	5.0000	4.7745	-.226	-4.51	6.0274	.083	1
S3	2.5000	2.4805	-.019	-.778	3.1380	.024	1
S2	1.2500	1.1592	-.091	-7.26	1.4723	.005	1
S1	.05000	.04131	-.009	-17.4	.06433	.000	1

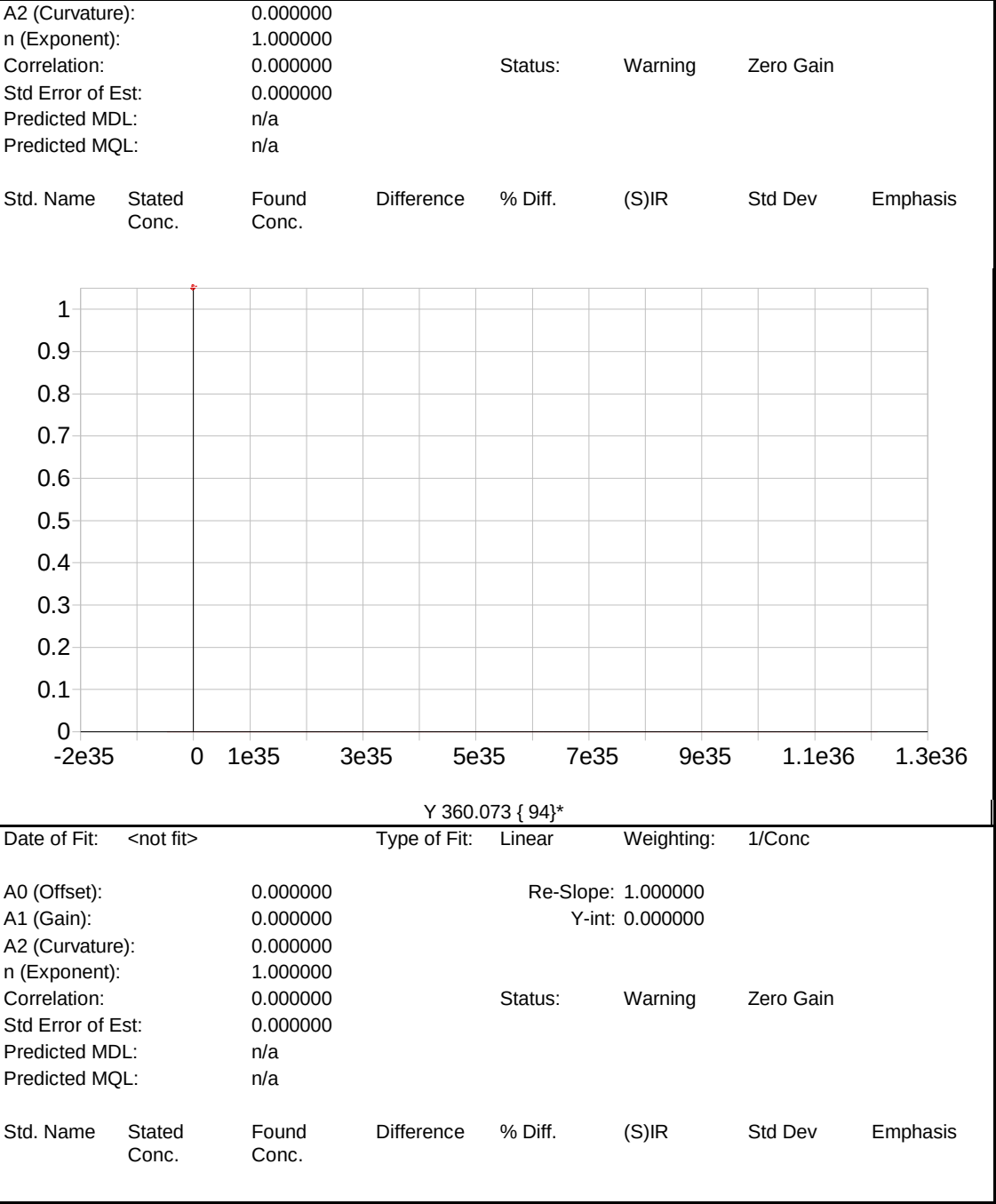


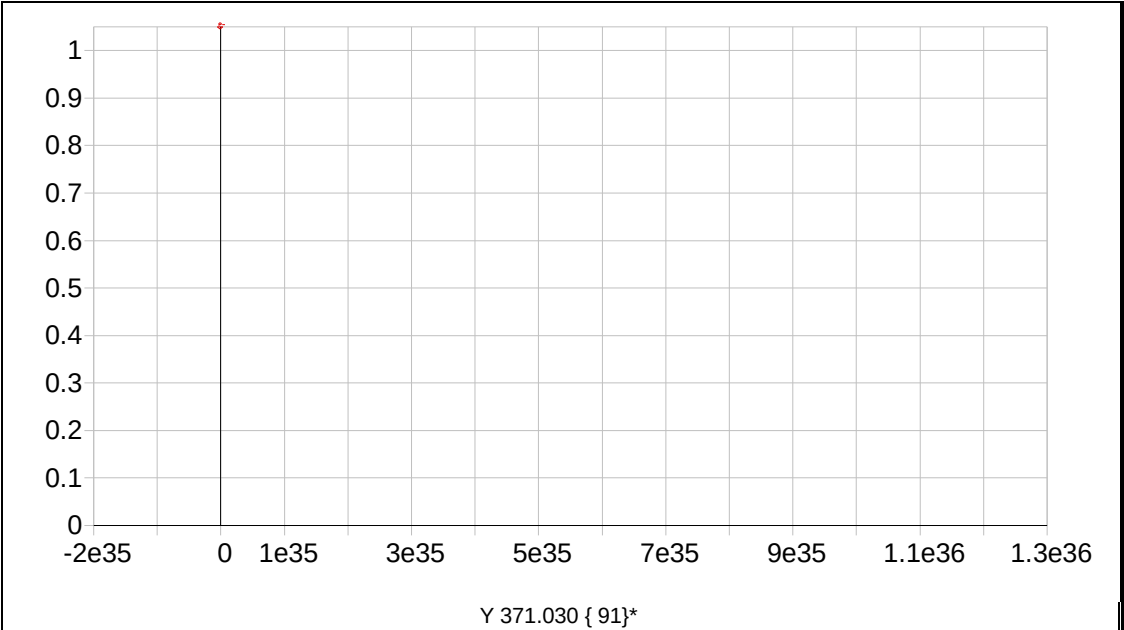
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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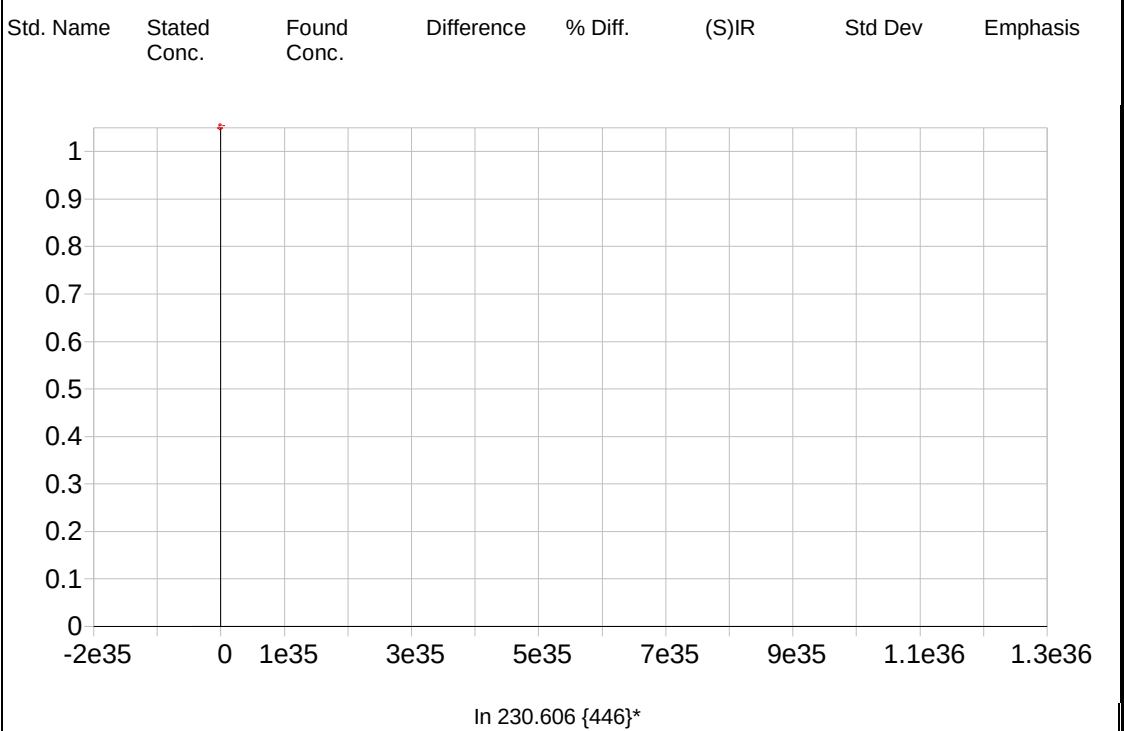


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

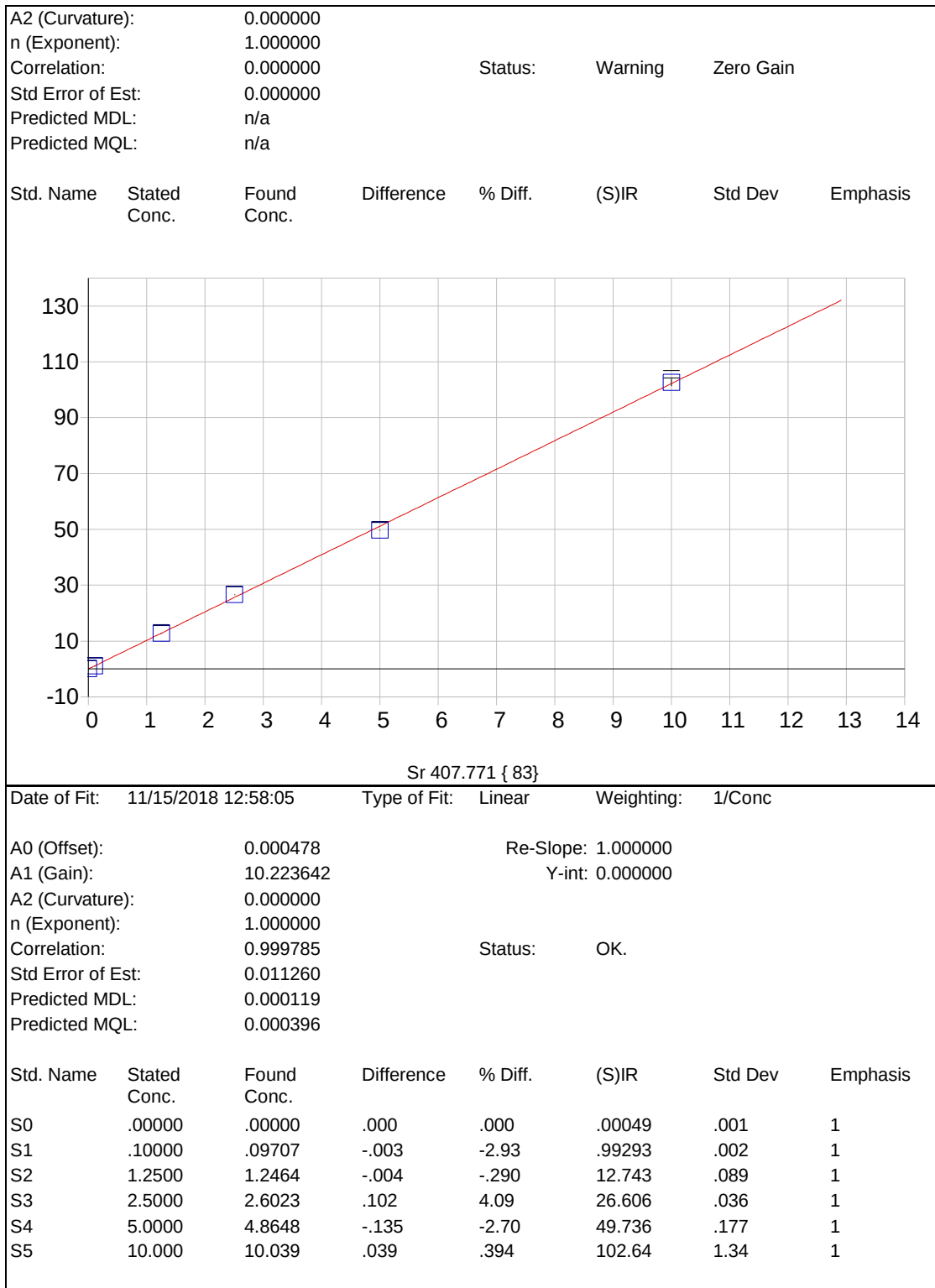




A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	



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



Sample Name: S0 Acquired: 11/15/2018 12:34:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	-.00023	-.00062	-.00019	.00063	.00090	.00517	.00074	-.00384
Stddev	.00015	.00011	.00022	.00021	.00016	.00019	.00189	.00084
%RSD	65.505	18.546	118.03	33.046	17.290	3.7352	255.97	22.022
#1	-.00009	-.00049	-.00036	.00077	.00102	.00500	.00220	-.00360
#2	-.00039	-.00066	.00006	.00072	.00072	.00538	-.00140	-.00314
#3	-.00022	-.00071	-.00027	.00039	.00095	.00512	.00141	-.00478
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	.00029	.00238	.00003	.00015	.00166	.00036	.00009	-.00018
Stddev	.00016	.00078	.00008	.00009	.00051	.00007	.00011	.00013
%RSD	56.849	32.649	298.53	58.545	30.489	19.212	119.14	71.674
#1	.00012	.00283	.00010	.00025	.00108	.00028	.00014	-.00013
#2	.00045	.00148	.00003	.00012	.00189	.00037	-.00003	-.00033
#3	.00029	.00282	-.00005	.00008	.00201	.00042	.00017	-.00008
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	-.00203	-.00110	.00181	.00005	-.00017	.02427	-.00121	.00680
Stddev	.00005	.00005	.00334	.00030	.00026	.00095	.00009	.00053
%RSD	2.5791	4.1182	184.18	654.99	151.67	3.9210	7.7378	7.7353
#1	-.00198	-.00106	-.00204	.00038	-.00046	.02430	-.00131	.00736
#2	-.00202	-.00115	.00383	-.00018	-.00008	.02331	-.00112	.00673
#3	-.00209	-.00110	.00365	-.00006	.00003	.02521	-.00119	.00632
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	.00055	.00036	.01512	.00050	.00174	.01211	.00049	
Stddev	.00006	.00003	.00037	.00014	.00030	.00114	.00058	
%RSD	11.376	9.5226	2.4791	29.000	17.300	9.4518	117.52	
#1	.00053	.00040	.01506	.00066	.00166	.01193	.00115	
#2	.00051	.00035	.01477	.00041	.00149	.01107	.00004	
#3	.00062	.00034	.01552	.00042	.00208	.01334	.00029	

Sample Name: S0 Acquired: 11/15/2018 12:34:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	2077.7	2334.4	44807.	4018.5	3525.4
Stddev	16.3	6.8	196.	12.4	5.5
%RSD	.78584	.29215	.43705	.30912	.15497
#1	2059.1	2326.7	44604.	4005.8	3521.1
#2	2089.5	2337.2	44824.	4030.6	3523.4
#3	2084.6	2339.4	44994.	4018.9	3531.5

Sample Name: S1 Acquired: 11/15/2018 12:38:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00008	.00133	.00140	.00364	.01300	.02337	.74043	.05787
Stddev	.00005	.00010	.00004	.00005	.00025	.00021	.00509	.00171
%RSD	63.889	7.1999	3.0020	1.4784	1.9033	.89374	.68717	2.9621

#1	.00002	.00131	.00136	.00359	.01273	.02323	.74098	.05667
#2	.00012	.00143	.00142	.00370	.01321	.02361	.73509	.05983
#3	.00010	.00125	.00144	.00365	.01307	.02327	.74523	.05711

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	.01713	.17721	.00206	.03627	.00394	.00193	.00232	.02666
Stddev	.00019	.00061	.00003	.00007	.00098	.00025	.00026	.00036
%RSD	1.1067	.34391	1.2452	.19104	24.847	12.966	11.160	1.3564

#1	.01717	.17688	.00206	.03622	.00506	.00221	.00229	.02672
#2	.01693	.17685	.00209	.03624	.00355	.00174	.00207	.02627
#3	.01730	.17792	.00204	.03635	.00323	.00184	.00259	.02698

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	.02705	.00125	.04673	.00355	.00107	.18327	-.00072	.01154
Stddev	.00017	.00015	.00145	.00039	.00022	.00228	.00010	.00079
%RSD	.63437	11.739	3.0974	11.071	20.108	1.2433	14.451	6.8687

#1	.02724	.00113	.04558	.00380	.00083	.18143	-.00078	.01208
#2	.02703	.00120	.04835	.00310	.00115	.18256	-.00060	.01191
#3	.02690	.00141	.04624	.00376	.00124	.18581	-.00077	.01063

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	.01077	.00318	.07791	.00116	.02745	.06433	.99293	
Stddev	.00010	.00013	.00046	.00013	.00065	.00037	.00222	
%RSD	.88660	4.2143	.59421	11.149	2.3528	.57718	.22375	

#1	.01072	.00316	.07745	.00121	.02797	.06469	.99091	
#2	.01088	.00332	.07790	.00127	.02673	.06433	.99531	
#3	.01072	.00306	.07838	.00102	.02766	.06395	.99257	

Sample Name: S1 Acquired: 11/15/2018 12:38:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	2110.0	2342.8	45492.	4035.5	3563.8
Stddev	15.6	5.9	104.	8.6	9.3
%RSD	.73839	.25167	.22774	.21344	.26220
#1	2092.7	2338.0	45444.	4045.5	3553.0
#2	2114.5	2349.4	45421.	4030.8	3568.9
#3	2122.9	2341.1	45611.	4030.4	3569.5

Sample Name: S2 Acquired: 11/15/2018 12:42:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.06717	.09777	1.1446	.11729	.26146	3.4068	9.4045	1.6088
Stddev	.00048	.00048	.0052	.00057	.00033	.0144	.0497	.0243
%RSD	.70813	.49331	.45695	.48596	.12514	.42323	.52809	1.5105

#1	.06703	.09811	1.1504	.11780	.26154	3.4234	9.4566	1.5996
#2	.06678	.09798	1.1403	.11667	.26110	3.3998	9.3992	1.5903
#3	.06770	.09721	1.1431	.11740	.26174	3.3972	9.3577	1.6363

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0523	2.2038	.71768	.46098	.51629	.49746	.57926	.35461
Stddev	.0073	.0119	.00101	.00154	.00198	.00492	.00598	.00275
%RSD	.35755	.54048	.14038	.33314	.38263	.98859	1.0325	.77540

#1	2.0605	2.2151	.71652	.46273	.51769	.50235	.58381	.35719
#2	2.0464	2.2049	.71825	.46038	.51714	.49753	.58149	.35494
#3	2.0500	2.1913	.71828	.45984	.51403	.49251	.57249	.35172

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	.44152	.06960	.33129	.04123	.09238	1.2491	.05441	.83196
Stddev	.00200	.00025	.00407	.00084	.00194	.0053	.00024	.01393
%RSD	.45320	.35745	1.2277	2.0256	2.0991	.42558	.44367	1.6745

#1	.44383	.06938	.32684	.04217	.09346	1.2494	.05465	.82705
#2	.44040	.06955	.33481	.04058	.09353	1.2437	.05417	.82115
#3	.44033	.06987	.33222	.04093	.09014	1.2543	.05442	.84769

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.2884	.03899	.85230	.16196	.32368	1.4723	12.743	
Stddev	.0047	.00008	.01584	.00065	.00128	.0046	.089	
%RSD	.36705	.21742	1.8584	.40075	.39583	.31530	.70013	

#1	1.2931	.03904	.84523	.16242	.32493	1.4688	12.691	
#2	1.2837	.03889	.84123	.16122	.32373	1.4776	12.692	
#3	1.2885	.03903	.87044	.16223	.32237	1.4706	12.846	

Sample Name: S2 Acquired: 11/15/2018 12:42:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	2074.5	2245.9	45217.	4008.6	3352.2
Stddev	15.4	6.3	236.	33.2	13.5
%RSD	.74270	.27864	.52263	.82916	.40142
#1	2073.2	2238.6	45192.	4024.3	3338.8
#2	2059.8	2249.1	44993.	4031.1	3352.2
#3	2090.5	2249.9	45464.	3970.5	3365.7

Sample Name: S3 Acquired: 11/15/2018 12:46:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.14467	.20798	2.4324	.24723	.55832	7.1927	19.945	3.3149
Stddev	.00044	.00008	.0011	.00031	.00155	.0153	.102	.0547
%RSD	.30155	.03939	.04460	.12462	.27734	.21326	.51113	1.6493

#1	.14456	.20797	2.4328	.24690	.56005	7.1802	19.828	3.2531
#2	.14430	.20790	2.4312	.24751	.55705	7.2098	20.017	3.3570
#3	.14515	.20807	2.4333	.24729	.55787	7.1879	19.989	3.3347

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3142	4.6033	1.4785	.98046	1.0759	1.0366	1.2095	.75048
Stddev	.0039	.0305	.0067	.00062	.0044	.0059	.0078	.00410
%RSD	.09051	.66186	.45098	.06294	.41072	.56827	.64727	.54649

#1	4.3144	4.5684	1.4714	.98053	1.0743	1.0326	1.2004	.74652
#2	4.3101	4.6245	1.4846	.97982	1.0809	1.0433	1.2138	.75471
#3	4.3179	4.6171	1.4796	.98104	1.0725	1.0338	1.2142	.75021

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	.93880	.15097	.69831	.08701	.19785	2.6262	.12042	1.7522
Stddev	.00094	.00106	.00126	.00094	.00176	.0049	.00057	.0327
%RSD	.09988	.69990	.18101	1.0765	.89100	.18732	.47540	1.8667

#1	.93918	.14977	.69762	.08769	.19939	2.6205	.11979	1.7152
#2	.93773	.15137	.69755	.08740	.19824	2.6289	.12090	1.7771
#3	.93949	.15177	.69977	.08594	.19593	2.6291	.12057	1.7644

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	2.7403	.08524	1.7215	.34552	.67503	3.1380	26.606	
Stddev	.0058	.00044	.0314	.00116	.00256	.0236	.036	
%RSD	.21238	.51574	1.8233	.33442	.37871	.75291	.13562	

#1	2.7458	.08481	1.6855	.34430	.67430	3.1119	26.630	
#2	2.7342	.08569	1.7431	.34565	.67788	3.1442	26.564	
#3	2.7408	.08524	1.7360	.34660	.67292	3.1579	26.623	

Sample Name: S3 Acquired: 11/15/2018 12:46:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	1922.4	2067.4	42810.	3863.4	3065.8
Stddev	31.2	2.6	401.	13.4	2.7
%RSD	1.6252	.12599	.93692	.34652	.08669
#1	1891.2	2065.0	42385.	3877.2	3065.2
#2	1953.7	2067.2	43183.	3862.6	3063.5
#3	1922.4	2070.2	42860.	3850.4	3068.7

Sample Name: S4 Acquired: 11/15/2018 12:50:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.27910	.38798	4.6068	.45416	1.0649	13.545	37.615	6.1899
Stddev	.00107	.00063	.0014	.00126	.0024	.076	.479	.0676
%RSD	.38216	.16243	.02990	.27640	.23038	.56190	1.2728	1.0915

#1	.27871	.38853	4.6068	.45559	1.0661	13.602	37.712	6.1703
#2	.28031	.38812	4.6054	.45323	1.0665	13.575	38.038	6.2651
#3	.27828	.38729	4.6081	.45365	1.0621	13.459	37.095	6.1344

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	8.0420	8.6190	2.7124	1.8471	2.0076	1.9049	2.2247	1.4171
Stddev	.0114	.1017	.0079	.0024	.0039	.0243	.0319	.0143
%RSD	.14192	1.1795	.29140	.13134	.19557	1.2778	1.4341	1.0054

#1	8.0475	8.6580	2.7137	1.8462	2.0121	1.9251	2.2464	1.4273
#2	8.0289	8.6953	2.7195	1.8499	2.0060	1.9118	2.2396	1.4232
#3	8.0497	8.5036	2.7039	1.8453	2.0048	1.8779	2.1881	1.4008

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	1.7627	.29058	1.3069	.16019	.37186	5.0209	.23419	3.3344
Stddev	.0017	.00161	.0079	.00192	.00746	.0090	.00031	.0411
%RSD	.09852	.55447	.60126	1.1990	2.0063	.17893	.13352	1.2336

#1	1.7609	.29214	1.3059	.16194	.37731	5.0105	.23384	3.3198
#2	1.7629	.29068	1.3152	.16051	.36336	5.0262	.23445	3.3809
#3	1.7643	.28892	1.2996	.15814	.37491	5.0260	.23427	3.3026

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	5.2075	.16482	3.1851	.65527	1.2509	6.0274	49.736	
Stddev	.0091	.00029	.0415	.00107	.0060	.0830	.177	
%RSD	.17522	.17861	1.3022	.16280	.48094	1.3767	.35567	

#1	5.2148	.16495	3.1734	.65588	1.2565	6.0270	49.871	
#2	5.2105	.16448	3.2311	.65590	1.2516	6.1106	49.536	
#3	5.1973	.16502	3.1506	.65404	1.2445	5.9446	49.802	

Sample Name: S4 Acquired: 11/15/2018 12:50:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	1922.1	2040.0	44098.	3947.1	3015.6
Stddev	30.5	3.2	274.	26.3	1.8
%RSD	1.5887	.15792	.62110	.66599	.05871
#1	1924.3	2039.1	44046.	3976.4	3017.6
#2	1951.5	2037.3	44394.	3925.7	3014.3
#3	1890.5	2043.6	43853.	3939.0	3014.8

Sample Name: S5 Acquired: 11/15/2018 12:54:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.60130	.77176	9.5107	.93411	2.2919	28.398	77.201	12.512
Stddev	.00083	.00062	.0086	.00051	.0029	.085	.250	.118
%RSD	.13748	.08081	.08991	.05481	.12636	.30032	.32348	.94706

#1	.60208	.77225	9.5021	.93357	2.2911	28.491	77.055	12.450
#2	.60043	.77106	9.5107	.93418	2.2895	28.324	77.059	12.437
#3	.60138	.77196	9.5192	.93459	2.2951	28.380	77.489	12.649

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	16.376	17.742	5.4032	3.7975	4.0907	3.8358	4.4988	2.9539
Stddev	.010	.084	.0046	.0021	.0080	.0354	.0436	.0223
%RSD	.06335	.47335	.08476	.05548	.19686	.92237	.96905	.75500

#1	16.366	17.785	5.4078	3.7974	4.0996	3.8610	4.5305	2.9704
#2	16.374	17.795	5.3986	3.7955	4.0884	3.8510	4.5167	2.9627
#3	16.387	17.645	5.4030	3.7997	4.0840	3.7954	4.4491	2.9285

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5921	.61419	2.7174	.32746	.78625	10.545	.49215	6.8846
Stddev	.0053	.00247	.0090	.00245	.01298	.055	.00058	.0579
%RSD	.14667	.40166	.33121	.74808	1.6509	.52129	.11781	.84085

#1	3.5954	.61660	2.7252	.32894	.79751	10.526	.49276	6.8619
#2	3.5861	.61429	2.7196	.32881	.78918	10.502	.49160	6.8415
#3	3.5950	.61167	2.7075	.32463	.77206	10.607	.49208	6.9504

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	11.183	.34851	6.4338	1.3498	2.5529	13.051	102.64	
Stddev	.020	.00059	.0556	.0013	.0104	.046	1.34	
%RSD	.17864	.16880	.86400	.09249	.40639	.35054	1.3019	

#1	11.179	.34783	6.4116	1.3502	2.5620	13.027	102.33	
#2	11.165	.34889	6.3928	1.3484	2.5552	13.104	101.49	
#3	11.204	.34880	6.4971	1.3508	2.5416	13.022	104.10	

Sample Name: S5 Acquired: 11/15/2018 12:54:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	1758.7	1814.7	42649.	3802.1	2748.3
Stddev	5.1	.8	306.	15.5	.5
%RSD	.28854	.04563	.71648	.40840	.01956
#1	1754.9	1814.4	42569.	3817.2	2747.7
#2	1756.7	1815.6	42391.	3802.9	2748.6
#3	1764.4	1814.0	42987.	3786.2	2748.7

Sample Name: S6 Acquired: 11/15/2018 12:58:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	74.827	28.391	9.9864	4.6156	7.3685
Stddev	.165	.154	.0615	.0309	.0222
%RSD	.22081	.54283	.61581	.66879	.30194

#1	74.967	28.560	10.057	4.6512	7.3895
#2	74.645	28.258	9.9578	4.5991	7.3452
#3	74.868	28.354	9.9445	4.5964	7.3709

Int. Std.	Y_3710
Units	Cts/S
Avg	3786.1
Stddev	30.6
%RSD	.80854

#1	3775.1
#2	3820.7
#3	3762.5

Sample Name: ICV Acquired: 11/15/2018 13:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.9316909	1.031085	.9389549	1.005516	.9182740	2.336763
Stddev	.0034044	.002848	.0009893	.002398	.0031967	.001012
%RSD	.3654004	.2761733	.1053582	.2384915	.3481239	.0433001

#1	.9341976	1.029699	.9380363	1.008275	.9218650	2.335669
#2	.9278150	1.029196	.9400022	1.003928	.9172182	2.336955
#3	.9330600	1.034360	.9388261	1.004346	.9157387	2.337666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5060133	.4824481	.5020760	10.21413	.5311293	.4927066
Stddev	.0031372	.0028767	.0004047	.03458	.0016280	.0008253
%RSD	.6199887	.5962683	.0806025	.3385241	.3065140	.1675049

#1	.5090622	.4835004	.5016993	10.18938	.5329876	.4932171
#2	.5061830	.4791934	.5020248	10.25364	.5304455	.4917545
#3	.5027946	.4846505	.5025038	10.19939	.5299547	.4931483

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5063941	5.330998	.5117794	5.672918	.5039317	.4684673
Stddev	.0039632	.061589	.0053925	.091328	.0002648	.0017818
%RSD	.7826380	1.155307	1.053679	1.609901	.0525411	.3803487

#1	.5022476	5.339237	.5123269	5.665410	.5040785	.4699797
#2	.5101442	5.388053	.5168772	5.767768	.5040905	.4665030
#3	.5067904	5.265703	.5061340	5.585575	.5036260	.4689190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28606	.5461341	.9782238	9.600652	4.560750	4.933467
Stddev	.47136	.0137911	.0149315	.179523	.008855	.041044
%RSD	4.582490	2.525224	1.526390	1.869900	.1941600	.8319411

#1	9.75061	.5507115	.9741031	9.691954	4.568294	4.937364
#2	10.63832	.5570545	.9947830	9.393830	4.551000	4.890614
#3	10.46925	.5306363	.9657854	9.716173	4.562956	4.972423

Sample Name: ICV Acquired: 11/15/2018 13:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.764166	4.613431	4.861362	4.907424	5.240606	W 4.743272
Stddev	.006609	.003699	.039964	.002274	.038099	.020870
%RSD	.1387329	.0801784	.8220735	.0463411	.7269973	.4399903

#1	4.770094	4.610549	4.850168	4.909966	5.233128	4.767228
#2	4.757039	4.612142	4.828188	4.906721	5.281890	4.733564
#3	4.765365	4.617602	4.905729	4.905584	5.206801	4.729025

Elem	Sr4077
Units	ppm
Avg	F 4.488641
Stddev	.036823
%RSD	.8203643

#1	4.505309
#2	4.446431
#3	4.514183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.319	2318.553	45421.56	4040.554	3524.402
Stddev	22.131	3.237	366.54	40.242	.534
%RSD	1.062818	.1396243	.8069803	.9959557	.0151554

#1	2057.564	2315.607	45017.22	4012.984	3524.184
#2	2100.189	2322.019	45732.07	4086.733	3524.012
#3	2089.204	2318.034	45515.39	4021.944	3525.011

Sample Name: ICB Acquired: 11/15/2018 13:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0016535	.0008852	-.000582	.0008202	-.017927
Stddev	.002977	.0013186	.0010589	.002095	.0011949	.005220
%RSD	3647.695	79.74745	119.6280	359.8460	145.6917	29.11826

#1	.000559	.0015586	.0017820	.000316	.0012171	-.023915
#2	-.003327	.0003849	-.000283	-.002977	-.000523	-.015536
#3	.002523	.0030170	.001156	.000914	.001766	-.014331

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006229	.0000221	.0000391	-.004857	-.000310	.0000606
Stddev	.0005890	.0000451	.0000591	.016601	.000355	.0002882
%RSD	94.56737	203.9481	151.0801	341.8024	114.4101	475.9373

#1	.0005428	-.000022	.0000343	.003235	-.000047	-.000104
#2	.0000780	.000020	.0001004	.006146	-.000714	-.000108
#3	.0012479	.000068	-.000017	-.023953	-.000170	.000393

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006356	-.036708	-.000921	-.012330	.0000986	.0001104
Stddev	.002050	.018776	.000300	.053248	.0003671	.0001175
%RSD	32.25903	51.14814	32.58513	431.8498	372.1620	106.4602

#1	-.006391	-.028866	-.000682	-.001634	.0000739	.0001049
#2	-.004289	-.023125	-.001258	-.070114	-.000255	.0002305
#3	-.008389	-.058133	-.000824	.034758	.000477	-.000004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.224677	.0011764	-.015253	.0986048	.0005209	F .0108086
Stddev	.189253	.0013917	.003673	.0511861	.0017600	.0007096
%RSD	84.23346	118.3078	24.08072	51.91040	337.8395	6.565010

#1	-.278271	.0006655	-.011943	.1319460	.0023205	.0114785
#2	-.381353	.0001123	-.019204	.1241987	-.001197	.0108823
#3	-.014406	.0027513	-.014610	.0396696	.000439	.0100651

Sample Name: ICB Acquired: 11/15/2018 13:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000441	-.003077	-.002828	-.000369	.0004231	.0096816
Stddev	.0001074	.002789	.000783	.000803	.0018285	.0015887
%RSD	243.6018	90.62008	27.67780	217.8832	432.1445	16.40913

#1	-.000071	-.002517	-.002329	.000311	-.000113	.0079420
#2	.000142	-.006104	-.002425	-.000161	.002460	.0100474
#3	.000060	-.000611	-.003730	-.001255	-.001078	.0110555

Elem	Sr4077
Units	ppm
Avg	-.000068
Stddev	.000094
%RSD	139.0782

#1	-.000011
#2	-.000015
#3	-.000176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.597	2343.238	45738.53	4079.260	3572.646
Stddev	20.499	1.753	104.17	40.559	8.593
%RSD	.9625902	.0747997	.2277423	.9942648	.2405237

#1	2113.430	2344.009	45744.93	4071.210	3569.415
#2	2152.653	2344.472	45839.34	4123.240	3582.387
#3	2122.707	2341.231	45631.31	4043.330	3566.137

Sample Name: ICSA Acquired: 11/15/2018 13:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	F -.011408	.0020823	-.000479	-.017762	.0051942	235.1032
Stddev	.004222	.0031496	.001068	.003227	.0011726	1.3535
%RSD	37.00770	151.2548	223.0785	18.16723	22.57584	.5756905

#1	-.007682	.0046158	.000635	-.017038	.0045883	236.3928
#2	-.010548	-.001444	-.001495	-.021290	.0065458	233.6938
#3	-.015993	.003075	-.000578	-.014959	.0044484	235.2230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070487	.0010613	-.000032	247.4520	.0509442	.0014035
Stddev	.0000576	.0000676	.000072	4.2011	.0004963	.0001154
%RSD	.8179200	6.367704	228.1192	1.697759	.9742206	8.219472

#1	.0070224	.0011390	-.000113	249.9901	.0506133	.0013891
#2	.0070089	.0010161	.000023	242.6027	.0515148	.0015254
#3	.0071148	.0010289	-.000005	249.7631	.0507043	.0012960

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007851	102.1895	.0107253	249.0203	.0014677	-.000579
Stddev	.004592	1.6496	.0002409	3.9655	.0002770	.000585
%RSD	58.48305	1.614224	2.245927	1.592430	18.87584	100.9084

#1	-.009709	103.4358	.0105204	251.9928	.0011675	.000093
#2	-.011223	100.3189	.0106649	244.5178	.0017135	-.000867
#3	-.002622	102.8137	.0109906	250.5504	.0015221	-.000965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011484	.0025603	-.007571	-.038959	-.004308	F .0321866
Stddev	.126193	.0027897	.009737	.016757	.002128	.0022213
%RSD	1098.891	108.9623	128.6154	43.01055	49.38762	6.901444

#1	-.055228	.0057080	.003191	-.058119	-.006660	.0346112
#2	-.109983	.0003937	-.010131	-.031712	-.002517	.0316988
#3	.130761	.0015790	-.015773	-.027046	-.003748	.0302496

Sample Name: ICSA Acquired: 11/15/2018 13:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.0013811	.0039532	-.007197	-.003883	.0010510	.0135213
Stddev	.0000485	.0052477	.001392	.000372	.0009705	.0014172
%RSD	3.510198	132.7461	19.34363	9.586708	92.33697	10.48089

#1	.0013427	.0100109	-.008029	-.003471	.0021594	.0124795
#2	.0013650	.0010530	-.007972	-.003984	.0003542	.0129494
#3	.0014356	.0007957	-.005590	-.004195	.0006394	.0151351

Elem	Sr4077
Units	ppm
Avg	.0988235
Stddev	.0005129
%RSD	.5189605

#1	.0983875
#2	.0993886
#3	.0986946

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.690	2191.315	44327.66	4035.849	3162.739
Stddev	13.487	4.281	202.02	26.832	1.254
%RSD	.6687699	.1953689	.4557447	.6648485	.0396467

#1	2009.418	2194.976	44260.66	4040.523	3162.142
#2	2008.400	2186.608	44167.65	4060.038	3161.895
#3	2032.252	2192.362	44554.67	4006.987	3164.180

Sample Name: ICSAB Acquired: 11/15/2018 13:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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	.0847330	.1053523	.0429627	.0323485	.5762438	232.9238
Stddev	.0017719	.0020492	.0005351	.0019996	.0049254	.7037
%RSD	2.091202	1.945079	1.245463	6.181330	.8547454	.3021190

#1	.0844018	.1062166	.0425927	.0305127	.5735727	232.9260
#2	.0831500	.1068277	.0427192	.0344791	.5732309	232.2191
#3	.0866471	.1030125	.0435762	.0320537	.5819277	233.6265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5183082	.4912354	1.001594	247.0146	.5722906	.4971049
Stddev	.0017315	.0032348	.000228	1.0994	.0027147	.0000359
%RSD	.3340642	.6584973	.0227874	.4450802	.4743567	.0072277

#1	.5193169	.4891908	1.001850	247.1864	.5693759	.4971461
#2	.5163089	.4949648	1.001409	245.8394	.5747470	.4970888
#3	.5192989	.4895506	1.001525	248.0180	.5727490	.4970799

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924489	101.7436	.5187831	247.9928	.9964736	.1989453
Stddev	.0017942	.4556	.0048263	1.6418	.0010845	.0010760
%RSD	.3643491	.4478228	.9303184	.6620506	.1088285	.5408535

#1	.4904544	101.8284	.5226854	247.8027	.9954994	.1977087
#2	.4929607	101.2516	.5133863	246.4543	.9962794	.1994593
#3	.4939317	102.1510	.5202776	249.7214	.9976420	.1996679

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1818419	.5122660	.9830501	-.125367	.0088545	F .4466642
Stddev	.2113708	.0021605	.0207755	.093353	.0023575	.0024872
%RSD	116.2388	.4217429	2.113374	74.46386	26.62509	.5568275

#1	.3221052	.5117578	.9598626	-.055276	.0061823	.4494998
#2	.2846907	.5104049	.9893168	-.089488	.0097407	.4448522
#3	-.061270	.5146352	.9999708	-.231336	.0106406	.4456405

Sample Name: ICSAB Acquired: 11/15/2018 13:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) 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 .3981721	.0033041	.4175975	F .4217813	.4324494	.0093334
Stddev	.0003318	.0032492	.0044146	.0005266	.0016798	.0008678
%RSD	.0833190	98.33582	1.057138	.1248546	.3884293	9.297672
#1	.3978353	.0070446	.4139463	.4222732	.4318143	.0103330
#2	.3981825	.0011814	.4225037	.4218449	.4311798	.0088942
#3	.3984986	.0016864	.4163425	.4212258	.4343541	.0087730

Elem	Sr4077
Units	ppm
Avg	.0976275
Stddev	.0000876
%RSD	.0897460
#1	.0977286
#2	.0975726
#3	.0975815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.872	2178.944	44101.37	3955.692	3149.071
Stddev	24.319	1.308	136.16	10.742	2.325
%RSD	1.211780	.0600128	.3087545	.2715521	.0738397
#1	1980.915	2180.395	43993.50	3943.307	3148.312
#2	2029.128	2177.856	44254.37	3962.473	3147.221
#3	2010.573	2178.580	44056.24	3961.297	3151.681

Sample Name: CCV006 Acquired: 11/15/2018 13:18:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804251	4.887800	24.70847	4.699485	4.847745	409.7497	10.20668
Stddev	.005080	.009149	.01782	.012266	.004069	1.9986	.06669
%RSD	.1057501	.1871898	.0721197	.2610009	.0839444	.4877605	.6534394

#1	4.798607	4.880242	24.71878	4.685514	4.848594	409.8633	10.21591
#2	4.808458	4.897972	24.71873	4.704454	4.843317	407.6967	10.13585
#3	4.805688	4.885186	24.68789	4.708486	4.851322	411.6890	10.26828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5028971	2.488922	411.6350	15.30263	2.519445	15.10312	415.2133
Stddev	.0016977	.001793	2.3798	.01674	.002728	.03662	2.7965
%RSD	.3375923	.0720402	.5781334	.1093937	.1082643	.2424826	.6735077

#1	.5009448	2.489382	411.8368	15.29294	2.519732	15.08164	415.8656
#2	.5040272	2.490440	409.1607	15.29300	2.522018	15.08232	412.1483
#3	.5037194	2.486944	413.9074	15.32196	2.516586	15.14541	417.6261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04418	410.8371	2.510441	1.284339	408.4373	2.511988	14.91131
Stddev	.11635	2.6872	.005006	.007640	2.2802	.029552	.06419
%RSD	.7733936	.6540817	.1994186	.5948576	.5582758	1.176423	.4304553

#1	15.05755	411.0467	2.508489	1.276242	408.5498	2.526836	14.95251
#2	14.92172	408.0511	2.516130	1.285354	406.1030	2.477957	14.83735
#3	15.15327	413.4133	2.506705	1.291420	410.6592	2.531171	14.94406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0125	5.065108	5.104779	4.854731	5.062857	5.005974	4.991665
Stddev	.1674	.003543	.018766	.002763	.006250	.011484	.004981
%RSD	.1086837	.0699574	.3676089	.0569162	.1234430	.2294109	.0997799

#1	154.0437	5.061183	5.085083	4.854951	5.064239	4.994771	4.989425
#2	153.8318	5.068069	5.106806	4.851864	5.068299	5.005428	4.988198
#3	154.1622	5.066074	5.122450	4.857378	5.056031	5.017721	4.997373

Sample Name: CCV006 Acquired: 11/15/2018 13:18:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.008239	5.172976	5.030568
Stddev	.028428	.028543	.014946
%RSD	.5676341	.5517686	.2971094

#1	5.011840	5.173687	5.046931
#2	4.978181	5.144084	5.027138
#3	5.034695	5.201157	5.017635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.143	1963.770	43138.84	3859.179	2832.631
Stddev	10.525	3.091	98.34	13.534	1.974
%RSD	.5639936	.1574133	.2279604	.3506945	.0696803

#1	1866.183	1962.790	43204.65	3869.006	2830.356
#2	1855.598	1967.232	43025.79	3843.742	2833.888
#3	1876.648	1961.287	43186.08	3864.790	2833.648

Sample Name: CCB006 Acquired: 11/15/2018 13:22:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002656	-.000462	.0011481	.0003001	-.000565	-.003520	.0001869
Stddev	.001428	.000941	.0014465	.0018430	.000623	.005710	.0006828
%RSD	53.76601	203.7696	125.9841	614.1982	110.1744	162.2135	365.3419

#1	-.004221	-.001486	.0003838	.0003490	-.001209	-.001554	.0008506
#2	-.002324	-.000263	.0002442	-.001567	-.000519	.000948	-.000514
#3	-.001424	.000364	.0028164	.002118	.000033	-.009953	.000224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000308	.0000143	-.034502	.0002161	-.000097	-.001188	-.010376
Stddev	.0000620	.0001087	.017034	.0002255	.000057	.003930	.016317
%RSD	201.2873	762.0156	49.37006	104.3835	58.96436	330.9076	157.2470

#1	.0000296	-.000003	-.017096	.0003924	-.000160	.002874	.008463
#2	.0000934	.000131	-.051138	-.000038	-.000046	-.004971	-.019963
#3	-.000031	-.000085	-.035272	.000294	-.000087	-.001466	-.019630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001120	.0416981	.0002022	.0004105	-.255429	.0043790	-.003750
Stddev	.000706	.0025356	.0002453	.0001336	.109793	.0030074	.010853
%RSD	62.99665	6.080883	121.3334	32.54561	42.98362	68.67676	289.4345

#1	-.001145	.0444736	.0004788	.0002805	-.139662	.0064186	-.013108
#2	-.001813	.0411176	.0000111	.0004036	-.268557	.0009252	.008147
#3	-.000403	.0395030	.0001167	.0005474	-.358067	.0057931	-.006288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1073314	.0008760	.0052029	.0000864	-.006628	-.007247	-.000148
Stddev	.0791023	.0008159	.0004232	.0001575	.000996	.000701	.000620
%RSD	73.69919	93.13053	8.133358	182.3634	15.02362	9.677891	419.2819

#1	.0193531	.0007777	.0047352	-.000068	-.007777	-.007829	-.000160
#2	.1300592	.0001138	.0053144	.000080	-.006017	-.006469	.000478
#3	.1725818	.0017366	.0055592	.000247	-.006090	-.007444	-.000762

Sample Name: CCB006 Acquired: 11/15/2018 13:22:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003324	.0076972	.0000179
Stddev	.0001965	.0015217	.0000533
%RSD	59.11075	19.77004	297.4121

#1	.0003942	.0060996	.0000693
#2	.0004906	.0078623	.0000215
#3	.0001125	.0091297	-.000037

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.480	2316.341	45117.54	4044.980	3545.361
Stddev	22.199	5.071	498.26	31.380	13.214
%RSD	1.062922	.2189154	1.104360	.7757708	.3727075

#1	2096.565	2311.067	45171.64	4069.340	3532.165
#2	2105.503	2321.181	45586.55	4056.030	3558.592
#3	2063.372	2316.775	44594.45	4009.570	3545.327

Sample Name: PB114768BL Acquired: 11/15/2018 13:26:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS768 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003247	-.000728	-.000037	.0004869	-.001426	-.008211	.0001611
Stddev	.001314	.003432	.002005	.0018294	.000286	.005950	.0005722
%RSD	40.45968	471.7352	5417.200	375.7364	20.06932	72.46720	355.0942

#1	-.001763	-.004665	-.001917	-.000654	-.001131	-.010220	.0008195
#2	-.004260	.000854	-.000267	.002597	-.001445	-.012896	-.000216
#3	-.003719	.001629	.002073	-.000482	-.001703	-.001516	-.000120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000186	.0000755	-.007739	-.000041	-.000171	-.003960	-.011556
Stddev	.0000582	.0000622	.021575	.000537	.000203	.002241	.023590
%RSD	313.4962	82.37212	278.7880	1303.408	118.4880	56.59042	204.1246

#1	.0000069	.0001246	-.026303	.000568	-.000173	-.003329	-.038763
#2	-.000033	.0000963	-.012844	-.000447	-.000373	-.002102	.003204
#3	.000082	.0000056	.015931	-.000244	.000032	-.006449	.000889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000297	.0208271	.0001360	.0004824	.0842723	.0021398	-.011932
Stddev	.000314	.0278183	.0000709	.0005466	.1501777	.0041745	.015455
%RSD	105.7320	133.5678	52.10618	113.3076	178.2052	195.0831	129.5254

#1	-.000161	.0309454	.0001063	.0002445	.2381981	.0067768	-.007968
#2	-.000074	-.010634	.0000849	.0000951	.0764722	-.001319	.001155
#3	-.000657	.042170	.0002169	.0011075	-.061853	.000962	-.028983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014666	-.002178	-.001066	-.000084	-.006495	-.007346	-.000964
Stddev	.046876	.001167	.001430	.000129	.000423	.000816	.000243
%RSD	319.6299	53.59981	134.2240	153.5245	6.509866	11.11211	25.26173

#1	.025993	-.000849	-.002235	-.000233	-.006356	-.007850	-.001227
#2	-.065939	-.002649	-.001491	-.000004	-.006160	-.006404	-.000916
#3	-.004051	-.003037	.000529	-.000015	-.006970	-.007783	-.000748

Sample Name: PB114768BL Acquired: 11/15/2018 13:26:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS768 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004797	.0008267	-.000001
Stddev	.0018033	.0027258	.000041
%RSD	375.9175	329.7195	4691.638

#1	.0023133	-.002321	-.000005
#2	.0004175	.002382	-.000040
#3	-.001292	.002419	.000042

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.872	2341.664	45794.57	4118.707	3586.955
Stddev	9.296	5.033	136.82	24.120	6.329
%RSD	.4389500	.2149363	.2987740	.5856276	.1764561

#1	2127.924	2335.917	45894.59	4109.960	3579.648
#2	2116.109	2343.786	45850.47	4100.180	3590.495
#3	2109.584	2345.289	45638.65	4145.980	3590.722

Sample Name: PB114768BS Acquired: 11/15/2018 13:30:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS768 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0131306	.0473067	.0182390	.0575436	.1133560	.3785108
Stddev	.0039542	.0013825	.0006767	.0016202	.0013646	.0082041
%RSD	30.11432	2.922405	3.710157	2.815625	1.203820	2.167472

#1	.0114726	.0472645	.0184462	.0575435	.1121669	.3763656
#2	.0102753	.0459458	.0174829	.0591638	.1130552	.3715925
#3	.0176438	.0487098	.0187878	.0559234	.1148459	.3875745

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4138622	.0092268	.0101339	10.59545	.0236997	.0968784
Stddev	.0051623	.0000570	.0001288	.10145	.0008029	.0000426
%RSD	1.247335	.6172884	1.270610	.9574642	3.387781	.0439548

#1	.4081887	.0091621	.0100380	10.54081	.0243155	.0969095
#2	.4182825	.0092692	.0102802	10.71250	.0239921	.0968299
#3	.4151155	.0092491	.0100835	10.53303	.0227916	.0968959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493533	.2162767	.0322765	9.775356	.0806656	.0196988
Stddev	.0017437	.0269424	.0014309	.155247	.0005380	.0001175
%RSD	3.533026	12.45739	4.433203	1.588143	.6669896	.5962359

#1	.0482233	.1919018	.0306873	9.630937	.0803239	.0196470
#2	.0513615	.2452061	.0334627	9.939538	.0812858	.0196161
#3	.0484752	.2117223	.0326794	9.755593	.0803871	.0198332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29202	.1103717	.1250125	9.311660	F .0265613	F .0173278
Stddev	.15756	.0031284	.0043049	.073443	.0016923	.0007388
%RSD	1.530943	2.834383	3.443574	.7887211	6.371326	4.263401

#1	10.26511	.1139557	.1218149	9.299612	.0246980	.0169225
#2	10.14964	.1089707	.1233154	9.244986	.0280028	.0181805
#3	10.46131	.1081886	.1299073	9.390382	.0269831	.0168804

Sample Name: PB114768BS Acquired: 11/15/2018 13:30:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS768 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200517	.1538025	.1919458	F .0114557	.2029912	.0908255
Stddev	.0002063	.0046323	.0020024	.0008973	.0035435	.0012029
%RSD	1.028624	3.011875	1.043233	7.832886	1.745621	1.324367

#1	.0201523	.1589080	.1942525	.0115678	.1994688	.0900605
#2	.0201883	.1498680	.1909307	.0105075	.2065553	.0922120
#3	.0198144	.1526315	.1906542	.0122916	.2029496	.0902041

Elem	Sr4077
Units	ppm
Avg	.2010779
Stddev	.0002545
%RSD	.1265909

#1	.2013705
#2	.2009558
#3	.2009075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.386	2301.215	45141.13	4036.463	3546.602
Stddev	14.297	.949	64.87	16.243	2.756
%RSD	.6928950	.0412511	.1437008	.4024169	.0777129

#1	2078.981	2301.386	45083.04	4031.830	3544.241
#2	2060.279	2302.067	45211.13	4023.040	3549.631
#3	2050.898	2300.191	45129.22	4054.520	3545.935

Sample Name: PB114808BL Acquired: 11/15/2018 13:34:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS808 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001429	-.000634	-.001535	-.001921	.0001398	.0007771	.0004784
Stddev	.001456	.001931	.001018	.001155	.0020224	.0096721	.0001961
%RSD	101.9062	304.4981	66.32291	60.09043	1447.113	1244.685	41.00018

#1	-.002906	.001497	-.000418	-.001516	.0023842	-.003661	.0005604
#2	-.001385	-.001131	-.002411	-.003224	-.001541	.011872	.0002545
#3	.000005	-.002268	-.001776	-.001024	-.000424	-.005880	.0006201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000087	.0000816	-.007051	-.000208	.0000402	-.003964	-.004211
Stddev	.0000263	.0000782	.008356	.000161	.0001520	.001283	.005909
%RSD	302.9456	95.81745	118.5027	77.37736	377.8476	32.37304	140.3354

#1	.0000332	.0000630	-.007161	-.000046	.0002143	-.002519	.000864
#2	-.000019	.0000144	.001359	-.000209	-.000028	-.004972	-.002798
#3	.000012	.0001674	-.015353	-.000368	-.000066	-.004402	-.010698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015028	.0155631	.0003417	.0002864	-.243148	.0006002	.0013403
Stddev	.0004727	.0312412	.0002083	.0004059	.277413	.0072122	.0037222
%RSD	31.45337	200.7391	60.95049	141.7209	114.0920	1201.569	277.7118

#1	.0020420	.0487064	.0005718	.0007290	-.252687	-.007725	.0056379
#2	.0011600	-.013344	.0001660	-.000068	.038911	.004590	-.000753
#3	.0013063	.011327	.0002874	.000199	-.515668	.004936	-.000864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010950	-.000783	-.004450	-.000076	-.001701	-.005915	-.002505
Stddev	.073965	.001949	.001626	.000137	.002329	.000267	.000686
%RSD	675.4997	248.8287	36.54488	180.5627	136.9565	4.505890	27.37352

#1	-.082133	-.001097	-.003146	.000079	-.000143	-.005615	-.003187
#2	-.016228	.001303	-.003933	-.000181	-.004379	-.006123	-.001816
#3	.065513	-.002556	-.006273	-.000126	-.000580	-.006007	-.002510

Sample Name: PB114808BL Acquired: 11/15/2018 13:34:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS808 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012914	-.000681	-.000014
Stddev	.0004034	.000887	.000035
%RSD	31.23673	130.2185	248.1629

#1	.0011945	.000167	-.000037
#2	.0017345	-.000608	-.000031
#3	.0009453	-.001602	.000026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.758	2337.527	45482.13	4064.630	3577.616
Stddev	13.013	2.275	424.33	21.005	6.529
%RSD	.6150725	.0973252	.9329665	.5167833	.1825056

#1	2112.030	2335.397	45818.57	4069.010	3574.480
#2	2105.016	2337.262	45005.42	4083.100	3573.246
#3	2130.229	2339.923	45622.39	4041.780	3585.121

Sample Name: PB114808BS Acquired: 11/15/2018 13:38:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS808 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0137704	.0449701	.0179734	.0563780	.1096333	.3632230
Stddev	.0018227	.0013168	.0007796	.0025485	.0015223	.0089652
%RSD	13.23626	2.928246	4.337710	4.520448	1.388570	2.468244

#1	.0120280	.0450220	.0188153	.0588017	.1084897	.3723364
#2	.0156640	.0436281	.0172764	.0537207	.1113612	.3629188
#3	.0136191	.0462602	.0178283	.0566117	.1090489	.3544137

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3895399	.0087787	.0095996	9.985933	.0223105	.0916998
Stddev	.0007903	.0000164	.0000907	.073799	.0005594	.0006464
%RSD	.2028796	.1873255	.9450058	.7390281	2.507128	.7049361

#1	.3886515	.0087712	.0095933	9.903143	.0223228	.0910848
#2	.3898038	.0087976	.0095121	10.00984	.0228636	.0916411
#3	.3901645	.0087674	.0096932	10.04481	.0217451	.0923736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447284	.2027990	.0325692	9.282061	.0761366	.0183662
Stddev	.0025085	.0348462	.0005365	.125726	.0002841	.0004406
%RSD	5.608265	17.18263	1.647177	1.354509	.3731638	2.398882

#1	.0462660	.1638226	.0321532	9.136890	.0762203	.0179630
#2	.0460855	.2136337	.0331747	9.353563	.0758201	.0182990
#3	.0418337	.2309409	.0323796	9.355729	.0763695	.0188365

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.158181	.1029792	.1089493	8.667982	.0238921	F .0131188
Stddev	.081603	.0046776	.0066221	.077783	.0006243	.0002762
%RSD	.8910398	4.542290	6.078175	.8973636	2.613192	2.105570

#1	9.227879	.0976652	.1123417	8.597663	.0242559	.0128631
#2	9.068417	.1047991	.1013184	8.654751	.0242492	.0130815
#3	9.178247	.1064734	.1131879	8.751533	.0231712	.0134118

Sample Name: PB114808BS Acquired: 11/15/2018 13:38:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS808 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191051	.1495409	.1737625	F .0102811	.1919700	.0831352
Stddev	.0001736	.0037081	.0032482	.0003237	.0037639	.0018701
%RSD	.9085080	2.479654	1.869313	3.148843	1.960656	2.249472

#1	.0189130	.1459789	.1742052	.0106355	.1912701	.0809795
#2	.0191516	.1492641	.1767666	.0102071	.1886052	.0843229
#3	.0192506	.1533796	.1703157	.0100008	.1960347	.0841031

Elem	Sr4077
Units	ppm
Avg	.1890113
Stddev	.0009093
%RSD	.4811102

#1	.1892074
#2	.1898066
#3	.1880199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.355	2321.515	45710.67	4113.813	3580.514
Stddev	37.046	5.164	246.94	19.265	3.573
%RSD	1.765466	.2224593	.5402253	.4683022	.0997829

#1	2074.870	2316.395	45491.85	4094.580	3576.405
#2	2141.061	2321.428	45978.41	4113.750	3582.885
#3	2079.133	2326.723	45661.75	4133.110	3582.253

Sample Name: PB114803BL Acquired: 11/15/2018 13:42:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS803 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003654	.0008552	-.000282	.0003060	-.000761	-.003638	.0000543
Stddev	.002549	.0021971	.001146	.0026627	.000864	.007222	.0003131
%RSD	69.76965	256.9063	406.5903	870.2371	113.5796	198.5185	576.6369

#1	-.001571	.0031300	-.000484	.0032970	.000002	.000656	.0000482
#2	-.006497	.0006905	.000952	-.000573	-.000585	-.011975	.0003704
#3	-.002894	-.001255	-.001313	-.001806	-.001700	.000406	-.000256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000635	-.019282	.0001418	-.000035	-.004889	-.017934
Stddev	.000008	.0000199	.023333	.0002736	.000295	.003386	.014320
%RSD	61.58839	31.35032	121.0083	192.9335	835.2363	69.24287	79.84712

#1	-.000020	.0000786	.000359	.0004490	-.000122	-.001384	-.024919
#2	-.000016	.0000709	-.045075	-.000075	-.000278	-.008141	-.001462
#3	-.000004	.0000409	-.013132	.000052	.000294	-.005143	-.027420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001526	-.032297	.0001078	.0001867	.0266026	.0056804	-.006470
Stddev	.001110	.047097	.0002714	.0004288	.3450782	.0018314	.013043
%RSD	72.70609	145.8253	251.7996	229.6739	1297.160	32.24030	201.5721

#1	-.001834	-.024289	-.000090	.0006685	-.221939	.0062345	-.019079
#2	-.000295	.010283	-.000004	.0000444	-.118847	.0036359	-.007299
#3	-.002449	-.082884	.000417	-.000153	.420594	.0071707	.006967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092321	-.002488	-.006543	-.000075	-.003906	-.007440	-.001993
Stddev	.044356	.000271	.000126	.000336	.002198	.001430	.000216
%RSD	48.04560	10.87650	1.930954	448.5437	56.27595	19.21866	10.83626

#1	-.101124	-.002780	-.006398	.000167	-.006383	-.006803	-.001945
#2	-.044224	-.002245	-.006600	-.000459	-.003149	-.006440	-.001805
#3	-.131616	-.002439	-.006630	.000067	-.002187	-.009078	-.002229

Sample Name: PB114803BL Acquired: 11/15/2018 13:42:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS803 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017569	-.000407	.0000159
Stddev	.0019910	.001221	.0000714
%RSD	113.3251	300.0036	450.1897

#1	.0006343	-.001070	.0000692
#2	.0040558	.001002	.0000436
#3	.0005807	-.001154	-.000065

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.320	2380.961	46346.16	4136.030	3647.712
Stddev	5.235	7.103	227.96	24.904	10.714
%RSD	.2433470	.2983278	.4918640	.6021120	.2937212

#1	2157.116	2389.138	46103.70	4115.000	3659.953
#2	2146.934	2377.421	46378.66	4163.530	3643.144
#3	2149.910	2376.323	46556.13	4129.560	3640.040

Sample Name: PB114803BS Acquired: 11/15/2018 13:47:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS803 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158407	.0461754	.0174794	.0620159	.1117713	.3694030
Stddev	.0011007	.0018683	.0014934	.0006570	.0021598	.0106230
%RSD	6.948563	4.046053	8.543757	1.059360	1.932366	2.875731

#1	.0167095	.0440251	.0158059	.0612822	.1135497	.3647870
#2	.0146029	.0471007	.0179561	.0622159	.1123963	.3815532
#3	.0162096	.0474005	.0186763	.0625497	.1093679	.3618689

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3989003	.0094559	.0099190	10.25527	.0230460	.0940774
Stddev	.0012970	.0000840	.0000891	.05978	.0006164	.0001329
%RSD	.3251515	.8879836	.8986198	.5829127	2.674687	.1412230

#1	.3980000	.0093924	.0099594	10.22541	.0233075	.0939713
#2	.3983139	.0094243	.0098168	10.21630	.0223419	.0940345
#3	.4003870	.0095511	.0099808	10.32410	.0234885	.0942264

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464990	.2049041	.0299130	9.638828	.0784691	.0196103
Stddev	.0029711	.0165826	.0006458	.058430	.0004988	.0002080
%RSD	6.389521	8.092832	2.159012	.6061934	.6356993	1.060609

#1	.0485708	.1997429	.0291852	9.574487	.0785563	.0193784
#2	.0430950	.1915160	.0301361	9.688582	.0779324	.0196724
#3	.0478312	.2234535	.0304176	9.653416	.0789186	.0197802

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.724694	.1034541	.1095715	8.777052	F .0278739	.0125678
Stddev	.263049	.0076576	.0032435	.010870	.0008971	.0007050
%RSD	2.704959	7.401947	2.960118	.1238410	3.218491	5.609806

#1	9.456349	.1098878	.1058273	8.764611	.0268471	.0125996
#2	9.735626	.0949842	.1115173	8.781834	.0285059	.0118474
#3	9.982106	.1054905	.1113700	8.784710	.0282687	.0132564

Sample Name: PB114803BS Acquired: 11/15/2018 13:47:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS803 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192678	.1561639	.1821537	F .0102162	.2003871	.0834424
Stddev	.0000451	.0011926	.0018423	.0005505	.0024377	.0007210
%RSD	.2340730	.7636669	1.011379	5.388645	1.216512	.8640402

#1	.0192177	.1548528	.1800279	.0108218	.2012035	.0826159
#2	.0193053	.1571842	.1832835	.0100807	.1976460	.0837696
#3	.0192803	.1564548	.1831498	.0097461	.2023120	.0839418

Elem	Sr4077
Units	ppm
Avg	.1921781
Stddev	.0006681
%RSD	.3476739

#1	.1915494
#2	.1921054
#3	.1928797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.324	2347.101	46212.02	4138.743	3611.382
Stddev	6.628	4.903	101.51	13.063	6.434
%RSD	.3089591	.2088821	.2196510	.3156263	.1781624

#1	2146.399	2348.900	46326.87	4150.600	3615.592
#2	2151.350	2350.850	46174.89	4124.740	3614.578
#3	2138.225	2341.553	46134.31	4140.890	3603.975

Sample Name: PB114767BL Acquired: 11/15/2018 13:51:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS767 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002318	-.001004	-.000376	-.001194	-.000847	-.016492	.0001665
Stddev	.000980	.002022	.002161	.001784	.000545	.012100	.0003179
%RSD	42.25153	201.4353	574.6975	149.3727	64.34032	73.36818	190.9575

#1	-.001192	.000864	.001695	.000549	-.000606	-.005078	.0005331
#2	-.002969	-.000724	-.000206	-.001116	-.001471	-.029178	-.000002
#3	-.002794	-.003151	-.002617	-.003016	-.000464	-.015222	-.000031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000076	.0000622	.0060922	.0000403	-.000172	-.002275	-.000751
Stddev	.0000553	.0000894	.0401491	.0000481	.000176	.002490	.015033
%RSD	727.8822	143.8676	659.0187	119.3232	102.5254	109.4240	2002.161

#1	.0000643	-.000036	.0524415	.0000608	-.000313	-.004638	-.015133
#2	.0000046	.000083	-.016212	-.000015	-.000227	-.002514	.014857
#3	-.000046	.000140	-.017953	.000075	.000025	.000325	-.001977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011666	-.005961	.0003094	.0001537	.0273162	.0009605	-.013975
Stddev	.0001020	.020350	.0001694	.0003514	.3881964	.0048633	.006150
%RSD	8.740085	341.3668	54.75953	228.6445	1421.122	506.3301	44.00935

#1	.0010973	-.026159	.0005034	.0002880	-.327327	.0050036	-.009753
#2	.0012837	-.006263	.0001910	.0004180	.442056	-.004436	-.011140
#3	.0011188	.014538	.0002337	-.000245	-.032781	.002314	-.021032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065936	-.000826	-.006562	-.000018	-.003997	-.008144	-.002542
Stddev	.022700	.001576	.000577	.000111	.002734	.000473	.000338
%RSD	34.42705	190.8152	8.794671	604.7330	68.40327	5.807963	13.28458

#1	-.065567	-.002394	-.007051	-.000030	-.001832	-.008033	-.002916
#2	-.043424	.000757	-.005925	-.000124	-.003091	-.007736	-.002260
#3	-.088819	-.000840	-.006708	.000098	-.007070	-.008663	-.002450

Sample Name: PB114767BL Acquired: 11/15/2018 13:51:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS767 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020294	-.001661	.0000238
Stddev	.0015616	.001631	.0001110
%RSD	76.94734	98.19966	466.7823

#1	.0037705	-.001485	.0000563
#2	.0015651	-.000125	.0001149
#3	.0007527	-.003373	-.000100

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.093	2332.132	45540.75	4064.930	3578.132
Stddev	33.591	.330	375.04	33.191	10.761
%RSD	1.592672	.0141416	.8235234	.8165145	.3007301

#1	2137.070	2331.963	45867.23	4071.660	3576.474
#2	2071.838	2331.921	45131.11	4028.890	3568.296
#3	2118.370	2332.512	45623.90	4094.240	3589.625

Sample Name: PB114767BS Acquired: 11/15/2018 13:55:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS767 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142503	.0479057	.0187114	.0625157	.1155246	.3806916
Stddev	.0007963	.0012237	.0007829	.0007027	.0020575	.0123245
%RSD	5.587913	2.554392	4.184306	1.124110	1.780984	3.237391

#1	.0147949	.0492082	.0178598	.0628009	.1133398	.3928560
#2	.0133364	.0467800	.0194000	.0617151	.1174252	.3682131
#3	.0146196	.0477289	.0188745	.0630309	.1158088	.3810058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090762	.0093290	.0101017	10.56666	.0233275	.0968933
Stddev	.0028593	.0001283	.0000251	.08976	.0002242	.0000857
%RSD	.6989578	1.375004	.2482744	.8494386	.9611355	.0884030

#1	.4058361	.0091816	.0100792	10.48439	.0232015	.0968250
#2	.4112452	.0094156	.0100972	10.55320	.0231947	.0968655
#3	.4101474	.0093898	.0101287	10.66239	.0235864	.0969894

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460602	.2024134	.0320906	9.807187	.0800018	.0196335
Stddev	.0046646	.0288927	.0010875	.048772	.0001594	.0005797
%RSD	10.12714	14.27411	3.388970	.4973116	.1991954	2.952709

#1	.0407979	.2197971	.0333041	9.798806	.0799636	.0193802
#2	.0496859	.1690609	.0317637	9.859606	.0798650	.0192236
#3	.0476969	.2183820	.0312041	9.763148	.0801767	.0202968

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.869705	.1066834	.1142612	9.009974	F .0293991	.0118714
Stddev	.225299	.0066201	.0047401	.054230	.0022506	.0010375
%RSD	2.282729	6.205373	4.148450	.6018865	7.655208	8.739415

#1	9.696420	.1050671	.1099945	9.005609	.0302171	.0113209
#2	10.12439	.1010212	.1193635	9.066255	.0268540	.0130681
#3	9.78830	.1139620	.1134257	8.958059	.0311263	.0112252

Sample Name: PB114767BS Acquired: 11/15/2018 13:55:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS767 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201822	.1565684	.1827708	F .0102343	.2055758	.0849349
Stddev	.0002351	.0013352	.0035630	.0009183	.0025885	.0008305
%RSD	1.164783	.8527839	1.949435	8.972852	1.259168	.9778203

#1	.0203439	.1576059	.1788910	.0108622	.2064663	.0855666
#2	.0202901	.1550620	.1858961	.0106604	.2076015	.0852440
#3	.0199125	.1570371	.1835253	.0091804	.2026595	.0839942

Elem	Sr4077
Units	ppm
Avg	.1990310
Stddev	.0006406
%RSD	.3218531

#1	.1985289
#2	.1988116
#3	.1997524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.341	2315.745	45532.07	4118.713	3570.139
Stddev	32.300	4.912	346.78	31.086	6.842
%RSD	1.538561	.2121016	.7616222	.7547599	.1916450

#1	2075.867	2312.162	45395.21	4138.310	3566.228
#2	2136.178	2321.344	45926.40	4134.960	3578.039
#3	2085.978	2313.729	45274.60	4082.870	3566.149

Sample Name: J5871-20 Acquired: 11/15/2018 13:59:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523097	.0024947	.5224800	-.017857	.0046248	111.5859	2.091697
Stddev	.0018324	.0027909	.0020075	.001051	.0014630	.3545	.027843
%RSD	3.502997	111.8736	.3842351	5.886114	31.63400	.3176678	1.331102

#1	.0503390	.0049763	.5244081	-.017091	.0057106	111.8989	2.121879
#2	.0539622	-.000527	.5204015	-.017425	.0052026	111.2010	2.067016
#3	.0526280	.003034	.5226303	-.019055	.0029611	111.6578	2.086195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077609	.0041569	51.91936	.1342471	.0980003	.2055890	173.7209
Stddev	.0001633	.0000506	.45673	.0006693	.0003323	.0005782	.8464
%RSD	2.104222	1.218212	.8796989	.4985950	.3390850	.2812153	.4871896

#1	.0078293	.0042125	52.36636	.1345315	.0983747	.2062489	174.0843
#2	.0075745	.0041448	51.45348	.1334826	.0978856	.2051716	172.7535
#3	.0078789	.0041134	51.93825	.1347274	.0977405	.2053464	174.3248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.485830	27.47402	.1323143	.0034260	2.248981	.3364814	.7773202
Stddev	.049271	.03368	.0007971	.0003406	.172699	.0107938	.0085613
%RSD	.6581916	.1225816	.6024228	9.942669	7.678973	3.207840	1.101389

#1	7.512679	27.44685	.1323921	.0030470	2.235641	.3254195	.7813168
#2	7.428966	27.46350	.1330697	.0037064	2.427962	.3370393	.7831524
#3	7.515845	27.51170	.1314812	.0035247	2.083339	.3469854	.7674914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.77376	12.45896	.1063261	.0027058	1.947057	7.497887	.0079890
Stddev	.14214	.02948	.0035067	.0002315	.005964	.076857	.0012652
%RSD	.6842058	.2366536	3.298073	8.554065	.3063251	1.025049	15.83723

#1	20.93039	12.46720	.1034335	.0024696	1.940577	7.579164	.0088534
#2	20.73791	12.48344	.1053185	.0027157	1.952317	7.426386	.0065368
#3	20.65298	12.42623	.1102263	.0029322	1.948278	7.488112	.0085769

Sample Name: J5871-20 Acquired: 11/15/2018 13:59:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.546177	.1427083	.3449212
Stddev	.013313	.0025791	.0008922
%RSD	.2928309	1.807243	.2586580

#1	4.556191	.1455623	.3454633
#2	4.531070	.1405445	.3454089
#3	4.551271	.1420182	.3438915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.097	2677.643	53689.79	4828.603	3428.469
Stddev	17.330	3.086	339.11	38.968	9.304
%RSD	.7081892	.1152356	.6316182	.8070148	.2713845

#1	2451.719	2674.142	53735.11	4784.806	3418.031
#2	2427.925	2678.819	53330.30	4841.562	3431.482
#3	2461.648	2679.968	54003.97	4859.439	3435.893

Sample Name: J5871-21 Acquired: 11/15/2018 14:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513962	.0043761	.5596244	-.021286	.0080537	117.8242	2.176332
Stddev	.0023143	.0016006	.0009163	.004588	.0017805	.4251	.006773
%RSD	4.502880	36.57691	.1637389	21.55513	22.10785	.3607600	.3112206

#1	.0539871	.0040860	.5587663	-.016308	.0097497	117.4012	2.173403
#2	.0495339	.0061019	.5595174	-.025346	.0061993	117.8199	2.171517
#3	.0506676	.0029403	.5605895	-.022205	.0082121	118.2513	2.184077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081056	.0047056	52.90410	.1412664	.1041054	.2184412	180.0565
Stddev	.0001007	.0000998	.29128	.0002774	.0001330	.0032570	1.3550
%RSD	1.242488	2.121124	.5505718	.1963732	.1277897	1.491009	.7525648

#1	.0081891	.0047078	52.62446	.1415808	.1040803	.2147509	178.8948
#2	.0079938	.0048044	52.88209	.1411619	.1039867	.2196586	179.7296
#3	.0081339	.0046048	53.20576	.1410564	.1042492	.2209141	181.5451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.748100	28.68421	.1398270	.0031411	2.295564	.3465454	.8152631
Stddev	.048598	.18394	.0010152	.0006632	.137200	.0060290	.0143409
%RSD	.6272235	.6412501	.7260714	21.11269	5.976739	1.739745	1.759047

#1	7.698191	28.58254	.1407023	.0037963	2.142494	.3521780	.8169015
#2	7.750839	28.57355	.1387140	.0024703	2.407467	.3401859	.8001734
#3	7.795271	28.89654	.1400646	.0031567	2.336732	.3472724	.8287144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.16241	12.96735	.1077517	.0030687	2.077943	6.547802	.0094383
Stddev	.09103	.03569	.0023612	.0001756	.011262	.043623	.0008783
%RSD	.4107314	.2752361	2.191348	5.723025	.5419554	.6662235	9.305392

#1	22.26124	13.00626	.1053551	.0031301	2.090357	6.506805	.0103306
#2	22.08199	12.93614	.1078243	.0028707	2.075087	6.542953	.0085748
#3	22.14401	12.95965	.1100758	.0032054	2.068384	6.593646	.0094094

Sample Name: J5871-21 Acquired: 11/15/2018 14:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.690002	.1495732	.3635099
Stddev	.012387	.0008685	.0008933
%RSD	.2641192	.5806631	.2457312

#1	4.678422	.1501370	.3644907
#2	4.688520	.1500095	.3627431
#3	4.703063	.1485730	.3632959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.967	2589.971	51706.00	4697.454	3283.166
Stddev	33.547	9.456	359.68	29.319	13.855
%RSD	1.423294	.3651034	.6956284	.6241369	.4219993

#1	2322.471	2582.249	51292.26	4676.730	3271.224
#2	2389.476	2600.518	51881.50	4730.999	3298.356
#3	2358.955	2587.148	51944.24	4684.633	3279.918

Sample Name: J5871-22 Acquired: 11/15/2018 14:07:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1167157	.1003081	.6315475	-.009761	.0625372	126.9621	5.758871
Stddev	.0026208	.0010062	.0056362	.004001	.0001339	.7553	.074730
%RSD	2.245421	1.003147	.8924370	40.98816	.2141527	.5948848	1.297645

#1	.1194742	.1011776	.6353986	-.007594	.0624095	126.7435	5.708731
#2	.1142588	.1005409	.6341655	-.007311	.0626766	126.3403	5.723121
#3	.1164142	.0992059	.6250785	-.014378	.0625254	127.8026	5.844761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908733	.1083252	53.53938	.5268764	1.156472	.6759652	196.2056
Stddev	.0001522	.0003863	.67686	.0024576	.002409	.0095599	1.7849
%RSD	.1675113	.3565868	1.264235	.4664425	.2082679	1.414265	.9097213

#1	.0908654	.1087517	53.15802	.5261787	1.159248	.6734592	195.0379
#2	.0907251	.1082252	53.13923	.5296074	1.155231	.6679079	195.3187
#3	.0910293	.1079988	54.32088	.5248431	1.154937	.6865286	198.2603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.913822	30.37741	1.195736	.0844039	2.287302	1.280669	1.736883
Stddev	.085563	.42994	.000377	.0006683	.097441	.007371	.031567
%RSD	1.081188	1.415339	.0315682	.7918229	4.260101	.5755421	1.817456

#1	7.853722	30.24193	1.196151	.0836405	2.375773	1.283194	1.719074
#2	7.875960	30.03153	1.195644	.0848835	2.182863	1.272367	1.718245
#3	8.011784	30.85878	1.195413	.0846877	2.303271	1.286445	1.773331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65873	13.33231	.1153411	.0030176	2.193838	13.85515	.0115975
Stddev	.21109	.01724	.0075274	.0002000	.003696	.02765	.0004568
%RSD	.8922249	.1293193	6.526197	6.626864	.1684626	.1995695	3.938546

#1	23.52723	13.34578	.1122447	.0031009	2.196759	13.82515	.0119611
#2	23.54674	13.33826	.1098558	.0027894	2.195073	13.87961	.0117466
#3	23.90221	13.31288	.1239229	.0031624	2.189683	13.86070	.0110848

Sample Name: J5871-22 Acquired: 11/15/2018 14:07:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.497750	.1586326	.3756693
Stddev	.047745	.0030911	.0006035
%RSD	.8684448	1.948560	.1606545

#1	5.486155	.1562853	.3759037
#2	5.456870	.1574776	.3749837
#3	5.550224	.1621348	.3761204

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.426	2655.718	53423.53	4838.634	3348.290
Stddev	23.472	6.146	274.74	38.131	12.170
%RSD	.9705356	.2314369	.5142619	.7880567	.3634756

#1	2423.534	2648.780	53306.61	4850.810	3334.792
#2	2438.924	2657.895	53737.39	4869.190	3351.653
#3	2392.822	2660.480	53226.59	4795.902	3358.426

Sample Name: J5871-20LX5 Acquired: 11/15/2018 14:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0400L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104681	.0012570	.0906820	-.005274	.0001646	21.63953	.3982715
Stddev	.0024349	.0027904	.0029523	.002865	.0014617	.02316	.0024354
%RSD	23.26017	221.9856	3.255698	54.32849	888.0041	.1070206	.6114809

#1	.0082793	.0025221	.0935989	-.008357	.0017373	21.66434	.3972182
#2	.0100341	-.001942	.0876954	-.002693	-.001152	21.63575	.4010562
#3	.0130908	.003191	.0907517	-.004772	-.000091	21.61849	.3965401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015985	.0006950	9.901803	.0267970	.0165342	.0385258	33.59721
Stddev	.0000475	.0000233	.034796	.0001767	.0002043	.0018467	.17874
%RSD	2.973292	3.356854	.3514099	.6592112	1.235871	4.793412	.5319965

#1	.0016116	.0006684	9.897342	.0267936	.0163216	.0397378	33.59241
#2	.0016381	.0007122	9.938614	.0269753	.0167292	.0394392	33.77829
#3	.0015458	.0007044	9.869453	.0266221	.0165519	.0364004	33.42092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.445194	5.272149	.0225177	.0008474	.4886696	.0660333	.1394711
Stddev	.004907	.015923	.0004029	.0002868	.1995692	.0019223	.0177600
%RSD	.3395061	.3020178	1.789050	33.84791	40.83930	2.911117	12.73380

#1	1.447452	5.284458	.0229503	.0005268	.3779578	.0681260	.1234728
#2	1.439565	5.277821	.0221533	.0010796	.3689967	.0643461	.1585814
#3	1.448564	5.254166	.0224495	.0009359	.7190541	.0656278	.1363592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.996498	2.186992	.0158184	.0004272	.3420234	1.373753	-.000129
Stddev	.035652	.010358	.0016054	.0000592	.0056093	.005986	.000457
%RSD	.8920791	.4736025	10.14884	13.86857	1.640034	.4357670	353.5598

#1	3.967615	2.175038	.0167619	.0004256	.3361564	1.380665	.000204
#2	4.036344	2.193296	.0167286	.0004872	.3425804	1.370285	-.000650
#3	3.985535	2.192642	.0139648	.0003688	.3473334	1.370308	.000059

Sample Name: J5871-20LX5 Acquired: 11/15/2018 14:11:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0400L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8731805	.0254925	.0680496
Stddev	.0034018	.0007087	.0003004
%RSD	.3895870	2.780197	.4415023

#1	.8771001	.0248906	.0683157
#2	.8709970	.0262737	.0677238
#3	.8714445	.0253132	.0681094

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.238	2388.678	47036.28	4194.397	3562.951
Stddev	13.302	7.836	70.08	21.779	11.112
%RSD	.6135001	.3280602	.1489972	.5192345	.3118840

#1	2162.158	2380.232	46983.03	4183.650	3551.409
#2	2159.061	2395.713	47115.68	4180.080	3573.577
#3	2183.493	2390.088	47010.14	4219.460	3563.867

Sample Name: J5872-11 Acquired: 11/15/2018 14:15:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0213 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440185	.0037538	.2530285	-.016499	.0031995	125.0049	1.882637
Stddev	.0026840	.0022826	.0033794	.001076	.0010792	.5279	.011876
%RSD	6.097438	60.80726	1.335583	6.522064	33.72861	.4223164	.6308214

#1	.0468146	.0056841	.2568369	-.017537	.0040206	125.1763	1.890534
#2	.0437784	.0012344	.2518607	-.016571	.0019772	124.4126	1.868979
#3	.0414627	.0043427	.2503878	-.015388	.0036007	125.4259	1.888398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080376	.0028300	36.60500	.1287399	.1022594	.1748670	165.6849
Stddev	.0002148	.0001801	.21305	.0011314	.0003350	.0021861	1.6776
%RSD	2.672560	6.364520	.5820216	.8788277	.3275829	1.250130	1.012542

#1	.0080927	.0030081	36.73554	.1291597	.1026422	.1742947	164.9192
#2	.0082195	.0026479	36.35915	.1296013	.1020195	.1772823	164.5266
#3	.0078006	.0028340	36.72031	.1274586	.1021166	.1730241	167.6087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.086740	27.16024	.1333704	-.000134	1.247802	.2598490	.5431322
Stddev	.084943	.37373	.0012131	.000904	.032222	.0037899	.0256952
%RSD	1.198618	1.376001	.9096036	675.3324	2.582311	1.458509	4.730936

#1	7.053049	26.85288	.1346995	-.000128	1.220316	.2554776	.5167968
#2	7.023810	27.05160	.1323226	-.001041	1.239826	.2618561	.5444643
#3	7.183360	27.57625	.1330892	.000767	1.283263	.2622133	.5681355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.69089	9.502778	.1094472	.0025224	1.910262	11.12416	.0066670
Stddev	.08274	.032057	.0079126	.0002134	.010035	.21517	.0010602
%RSD	.2883944	.3373384	7.229619	8.460539	.5253306	1.934301	15.90229

#1	28.72677	9.528939	.1029794	.0027258	1.911873	11.26708	.0057843
#2	28.74964	9.467019	.1070923	.0023002	1.899519	11.22872	.0063739
#3	28.59626	9.512377	.1182700	.0025412	1.919395	10.87669	.0078430

Sample Name: J5872-11 Acquired: 11/15/2018 14:15:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0213 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.926773	.1528323	.3092099
Stddev	.031188	.0010934	.0005867
%RSD	.7942337	.7154345	.1897539

#1	3.924676	.1523383	.3093356
#2	3.896686	.1540855	.3097235
#3	3.958956	.1520731	.3085704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.313	2706.798	53998.12	4878.826	3433.283
Stddev	27.406	4.398	245.64	59.509	1.943
%RSD	1.116204	.1624905	.4549045	1.219740	.0565982

#1	2456.792	2706.748	53849.71	4824.755	3434.133
#2	2481.950	2702.425	54281.66	4869.139	3431.060
#3	2427.198	2711.222	53862.99	4942.584	3434.657

Sample Name: J5872-12 Acquired: 11/15/2018 14:19:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0213D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457646	.0027752	.2564978	-.019790	.0048049	125.2451	1.874778
Stddev	.0025002	.0027679	.0016936	.002926	.0014298	.6083	.014016
%RSD	5.463090	99.73834	.6602602	14.78385	29.75628	.4857173	.7476219

#1	.0486516	.0059711	.2558734	-.019169	.0040828	125.9037	1.889821
#2	.0443175	.0011487	.2584149	-.022977	.0038803	124.7043	1.862087
#3	.0443248	.0012058	.2552051	-.017225	.0064518	125.1272	1.872425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081759	.0029476	36.47066	.1306789	.1038657	.1743485	165.0759
Stddev	.0001166	.0000332	.25103	.0003095	.0003509	.0030701	1.0879
%RSD	1.425683	1.126869	.6882945	.2368340	.3378357	1.760888	.6590449

#1	.0080459	.0029821	36.74688	.1309041	.1034692	.1727335	166.3110
#2	.0082711	.0029447	36.25645	.1308065	.1039915	.1778890	164.2597
#3	.0082107	.0029159	36.40865	.1303260	.1041363	.1724231	164.6569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.037826	27.16741	.1353634	-.000513	1.464862	.2616043	.5663284
Stddev	.054356	.09716	.0002429	.000141	.168973	.0065807	.0262708
%RSD	.7723458	.3576256	.1794557	27.43719	11.53510	2.515509	4.638800

#1	7.100529	27.27722	.1351479	-.000671	1.466378	.2669052	.5958973
#2	7.004056	27.13242	.1356266	-.000462	1.295137	.2636686	.5574106
#3	7.008892	27.09259	.1353157	-.000404	1.633073	.2542389	.5456773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.80804	9.607190	.1101500	.0026047	1.943449	11.03110	.0073410
Stddev	.05731	.012442	.0082791	.0002028	.007066	.08426	.0008896
%RSD	.1989519	.1295064	7.516227	7.783952	.3635931	.7638394	12.11795

#1	28.83424	9.613253	.1196559	.0025568	1.939016	11.02619	.0063330
#2	28.84757	9.592879	.1062754	.0028271	1.939733	11.11771	.0076740
#3	28.74231	9.615438	.1045186	.0024301	1.951598	10.94941	.0080160

Sample Name: J5872-12 Acquired: 11/15/2018 14:19:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0213D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.926143	.1550482	.3121118
Stddev	.016847	.0012501	.0010654
%RSD	.4290911	.8062475	.3413466

#1	3.942683	.1537378	.3111269
#2	3.909006	.1562276	.3132426
#3	3.926742	.1551792	.3119660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.509	2686.528	53474.54	4864.886	3405.088
Stddev	24.298	4.943	211.95	18.586	2.088
%RSD	1.003853	.1839824	.3963528	.3820465	.0613272

#1	2394.067	2682.378	53313.77	4872.716	3402.824
#2	2441.856	2691.996	53714.72	4843.667	3406.938
#3	2425.603	2685.211	53395.11	4878.276	3405.501

Sample Name: J5872-13 Acquired: 11/15/2018 14:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0213S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005932	.0981757	.3045507	-.005423	.0692413	132.6661	5.654349
Stddev	.0014505	.0005529	.0031074	.003050	.0014205	.5485	.024968
%RSD	1.441961	.5631263	1.020326	56.25002	2.051540	.4134408	.4415718

#1	.1022609	.0988103	.3069500	-.004271	.0705648	132.0900	5.652918
#2	.0998932	.0979187	.3056616	-.008881	.0677404	133.1821	5.680002
#3	.0996254	.0977982	.3010406	-.003116	.0694188	132.7263	5.630127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880256	.1022886	37.27090	.4944983	1.114673	.6111778	182.8073
Stddev	.0002596	.0003893	.15215	.0030212	.001163	.0024236	.8654
%RSD	.2949391	.3806232	.4082357	.6109614	.1043474	.3965420	.4733741

#1	.0883096	.1027043	37.20527	.4931927	1.113385	.6097777	182.6470
#2	.0878005	.1019325	37.44486	.4923496	1.115647	.6139763	183.7416
#3	.0879668	.1022289	37.16258	.4979528	1.114987	.6097794	182.0333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.601155	28.48700	1.141834	.0784413	1.419313	1.152557	1.399349
Stddev	.029692	.28184	.001244	.0003710	.103124	.007266	.014873
%RSD	.3092559	.9893589	.1089142	.4730197	7.265760	.6304521	1.062885

#1	9.615687	28.45469	1.143225	.0780173	1.514789	1.155206	1.391751
#2	9.620782	28.78361	1.141447	.0787066	1.309949	1.158127	1.416487
#3	9.566995	28.22271	1.140829	.0786000	1.433200	1.144338	1.389809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.44321	9.706217	.1209079	.0034388	1.945812	3.259703	.0081725
Stddev	.12988	.008455	.0038930	.0003994	.005069	.004962	.0011201
%RSD	.4411372	.0871075	3.219796	11.61481	.2605047	.1522371	13.70556

#1	29.33894	9.707150	.1168691	.0037610	1.941124	3.265224	.0090883
#2	29.58870	9.714166	.1246365	.0029919	1.951191	3.258271	.0069237
#3	29.40199	9.697334	.1212182	.0035635	1.945121	3.255613	.0085055

Sample Name: J5872-13 Acquired: 11/15/2018 14:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0213S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.955160	.1571168	.3120286
Stddev	.013773	.0010219	.0014263
%RSD	.3482218	.6504220	.4571036

#1	3.939286	.1580393	.3104608
#2	3.962255	.1572929	.3132492
#3	3.963938	.1560183	.3123759

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.660	2691.085	54075.38	4876.738	3424.659
Stddev	18.035	2.542	207.01	28.539	4.636
%RSD	.7356185	.0944596	.3828264	.5852031	.1353801

#1	2450.693	2690.621	54218.48	4866.597	3422.554
#2	2434.128	2688.807	53838.00	4854.655	3421.448
#3	2470.159	2693.827	54169.65	4908.963	3429.974

Sample Name: J5872-11LX5 Acquired: 11/15/2018 14:27:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0213L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110242	.0018389	.0436780	-.004583	.0007915	24.30776	.3615135
Stddev	.0011736	.0013785	.0012567	.001764	.0004234	.12189	.0052499
%RSD	10.64599	74.96080	2.877233	38.48237	53.49212	.5014638	1.452199

#1	.0101995	.0003720	.0450603	-.003127	.0009851	24.35960	.3625058
#2	.0123679	.0020374	.0433692	-.004079	.0010835	24.16851	.3558383
#3	.0105053	.0031074	.0426045	-.006544	.0003059	24.39517	.3661965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016807	.0003772	7.137425	.0255081	.0169330	.0315112	32.78001
Stddev	.0000315	.0000493	.124900	.0002138	.0002654	.0047583	.41052
%RSD	1.872978	13.05839	1.749930	.8381398	1.567044	15.10040	1.252339

#1	.0016469	.0004187	7.154322	.0257389	.0172387	.0363718	32.89030
#2	.0016862	.0003903	7.004937	.0254687	.0167980	.0312996	32.32561
#3	.0017092	.0003228	7.253016	.0253168	.0167622	.0268622	33.12411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.401291	5.391182	.0225887	-.000478	.1213789	.0544890	.1143662
Stddev	.025682	.038418	.0004296	.000327	.1779319	.0066416	.0035209
%RSD	1.832746	.7126075	1.901835	68.45410	146.5922	12.18884	3.078584

#1	1.399691	5.350106	.0230060	-.000855	.2972330	.0621544	.1104015
#2	1.376446	5.397211	.0226124	-.000283	.1254640	.0504519	.1155695
#3	1.427735	5.426228	.0221478	-.000296	-.058560	.0508606	.1171277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.380087	1.646991	.0171724	.0001473	.3297926	2.229194	-.000038
Stddev	.049000	.002176	.0005020	.0001650	.0068571	.004567	.000284
%RSD	.9107592	.1320928	2.923230	112.0110	2.079225	.2048901	743.7366

#1	5.423109	1.648321	.0168385	.0001737	.3372914	2.227382	-.000182
#2	5.390399	1.648172	.0177497	-.000029	.3282446	2.225811	.000289
#3	5.326752	1.644481	.0169291	.000297	.3238418	2.234389	-.000222

Sample Name: J5872-11LX5 Acquired: 11/15/2018 14:27:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0213L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7746869	.0259754	.0604745
Stddev	.0054075	.0022487	.0003403
%RSD	.6980256	8.656834	.5626343

#1	.7806520	.0274912	.0603040
#2	.7701060	.0233918	.0608663
#3	.7733027	.0270432	.0602533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.983	2362.612	46128.88	4180.840	3522.325
Stddev	5.779	5.348	121.80	17.415	9.367
%RSD	.2713366	.2263579	.2640428	.4165533	.2659351

#1	2134.105	2357.617	46259.48	4200.650	3511.633
#2	2123.377	2368.254	46108.77	4167.940	3529.086
#3	2132.468	2361.964	46018.38	4173.930	3526.256

Sample Name: J5873-20 Acquired: 11/15/2018 14:31:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0353 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546879	.0029487	.4150921	-.020529	.0044134	108.3606	1.648568
Stddev	.0021184	.0008832	.0024904	.001129	.0002928	.1256	.002662
%RSD	3.873700	29.95294	.5999520	5.498186	6.634500	.1159480	.1614529

#1	.0570569	.0035515	.4129118	-.020277	.0041975	108.2631	1.650969
#2	.0529756	.0019349	.4178060	-.021762	.0042959	108.3163	1.645706
#3	.0540312	.0033596	.4145584	-.019547	.0047467	108.5024	1.649029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092859	.0025337	56.67536	.1110151	.0840235	.1617701	158.0707
Stddev	.0000179	.0000924	.17082	.0006334	.0002756	.0015428	.2860
%RSD	.1925430	3.648708	.3013933	.5705592	.3280521	.9536915	.1809150

#1	.0092690	.0026404	56.69555	.1108128	.0837072	.1635002	157.9055
#2	.0093046	.0024815	56.49535	.1105075	.0842125	.1605374	157.9057
#3	.0092842	.0024791	56.83519	.1117249	.0841508	.1612726	158.4009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.637621	24.75832	.1185453	.0011714	1.498305	.2560731	.5470362
Stddev	.023059	.10123	.0003337	.0000735	.223113	.0039842	.0047351
%RSD	.4090222	.4088532	.2814587	6.272976	14.89102	1.555867	.8655884

#1	5.618537	24.68145	.1188725	.0012494	1.338144	.2584078	.5522049
#2	5.631082	24.72051	.1185578	.0011613	1.403626	.2514728	.5459960
#3	5.663243	24.87301	.1182055	.0011035	1.753144	.2583388	.5429076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.61317	15.11652	.0825108	.0013248	2.167096	1.788292	.0054452
Stddev	.14182	.02872	.0009905	.0000143	.009188	.009690	.0007374
%RSD	.6561699	.1900007	1.200401	1.076989	.4239852	.5418803	13.54167

#1	21.45728	15.08398	.0826499	.0013185	2.171210	1.782378	.0046434
#2	21.73455	15.12724	.0834244	.0013411	2.156569	1.783023	.0060942
#3	21.64767	15.13834	.0814582	.0013147	2.173507	1.799475	.0055980

Sample Name: J5873-20 Acquired: 11/15/2018 14:31:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0353 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.154818	.1325399	.4026033
Stddev	.004180	.0014556	.0007855
%RSD	.1325046	1.098203	.1951166

#1	3.155263	.1336943	.4017343
#2	3.150433	.1309048	.4028127
#3	3.158758	.1330207	.4032629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.938	2743.167	54491.27	4921.754	3442.948
Stddev	30.174	1.679	142.60	12.527	3.955
%RSD	1.211851	.0611911	.2616867	.2545295	.1148600

#1	2473.009	2744.775	54350.35	4926.070	3447.335
#2	2472.028	2741.425	54487.96	4907.639	3439.656
#3	2524.775	2743.300	54635.49	4931.553	3441.854

Sample Name: J5873-21 Acquired: 11/15/2018 14:35:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0353D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543031	.0021561	.4119962	-.019023	.0034712	107.9205	1.649711
Stddev	.0011447	.0006907	.0020925	.002805	.0010011	.2140	.001117
%RSD	2.107938	32.03193	.5078981	14.74631	28.83928	.1983323	.0676930

#1	.0551284	.0013966	.4144095	-.019430	.0044388	107.7856	1.650957
#2	.0547846	.0027464	.4106872	-.016037	.0024397	107.8085	1.648801
#3	.0529963	.0023253	.4108919	-.021603	.0035349	108.1673	1.649375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091097	.0025083	56.35339	.1100652	.0836749	.1602568	157.6820
Stddev	.0001156	.0001619	.05104	.0001546	.0004037	.0022209	.6933
%RSD	1.268374	6.452994	.0905626	.1404412	.4824887	1.385847	.4396630

#1	.0092242	.0023921	56.32380	.1099275	.0840615	.1586164	156.9769
#2	.0089931	.0024396	56.32405	.1100359	.0832560	.1593699	158.3628
#3	.0091119	.0026932	56.41232	.1102324	.0837071	.1627841	157.7063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.671034	24.70574	.1176823	.0015943	1.768874	.2543887	.5599070
Stddev	.011202	.07049	.0002990	.0001010	.180431	.0059267	.0069375
%RSD	.1975337	.2853255	.2540697	6.333119	10.20033	2.329774	1.239037

#1	5.658135	24.64166	.1173600	.0016702	1.565279	.2485092	.5616954
#2	5.676654	24.69431	.1179506	.0016331	1.832368	.2603614	.5657751
#3	5.678314	24.78124	.1177362	.0014797	1.908974	.2542954	.5522504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.38535	14.82652	.0845756	.0013732	2.148561	1.735735	.0059893
Stddev	.06906	.09936	.0036226	.0001716	.006590	.007763	.0007356
%RSD	.3229243	.6701570	4.283253	12.49560	.3067378	.4472563	12.28136

#1	21.45450	14.72973	.0807365	.0012502	2.153319	1.740094	.0062928
#2	21.31639	14.82155	.0879335	.0013001	2.141039	1.726772	.0051505
#3	21.38516	14.92827	.0850569	.0015692	2.151324	1.740339	.0065245

Sample Name: J5873-21 Acquired: 11/15/2018 14:35:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0353D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.133769	.1346239	.3970204
Stddev	.007929	.0012640	.0016262
%RSD	.2530330	.9389147	.4095980

#1	3.141434	.1335213	.3986107
#2	3.125599	.1360034	.3953606
#3	3.134272	.1343470	.3970897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.342	2752.286	54678.67	4996.159	3468.673
Stddev	8.398	4.924	112.93	44.385	2.767
%RSD	.3345437	.1789184	.2065418	.8883822	.0797654

#1	2515.447	2747.852	54582.13	4956.285	3465.741
#2	2514.930	2757.586	54802.87	5043.981	3471.238
#3	2500.649	2751.421	54651.02	4988.212	3469.040

Sample Name: J5873-22 Acquired: 11/15/2018 14:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0353S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1117225	.0973734	.4720996	-.007770	.0342393	126.6014	5.246293
Stddev	.0039779	.0037896	.0016011	.005136	.0012580	.9180	.062800
%RSD	3.560545	3.891787	.3391470	66.09426	3.674049	.7251000	1.197039

#1	.1081061	.0986672	.4738727	-.007491	.0349336	125.7138	5.193560
#2	.1159833	.0931064	.4716665	-.013039	.0327872	126.5434	5.229550
#3	.1110781	.1003467	.4707595	-.002780	.0349970	127.5470	5.315767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893540	.1034794	58.78848	.4842869	1.101059	.5998729	181.6889
Stddev	.0002925	.0002403	.73200	.0005626	.002858	.0013023	1.9632
%RSD	.3273533	.2322293	1.245140	.1161647	.2595799	.2170991	1.080514

#1	.0894590	.1037543	58.06320	.4842188	1.103049	.5984097	179.8321
#2	.0890234	.1033749	58.77522	.4837615	1.097784	.6009048	181.4909
#3	.0895794	.1033091	59.52702	.4848804	1.102345	.6003044	183.7435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.838202	27.57406	1.141468	.0796196	1.805816	1.120128	1.453937
Stddev	.088255	.31010	.002241	.0008265	.341472	.011847	.002394
%RSD	1.290615	1.124608	.1963143	1.038096	18.90956	1.057672	.1646341

#1	6.757238	27.56760	1.143022	.0787383	1.944036	1.106927	1.455487
#2	6.825088	27.26723	1.138899	.0797429	2.056509	1.123619	1.451180
#3	6.932280	27.88733	1.142482	.0803775	1.416902	1.129837	1.455144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80057	15.47135	.1090154	.0014399	2.331557	2.357357	.0084265
Stddev	.02089	.03173	.0034153	.0002811	.002651	.007564	.0012403
%RSD	.0877573	.2050999	3.132869	19.52302	.1136982	.3208634	14.71940

#1	23.77757	15.50791	.1084653	.0016225	2.331209	2.355219	.0070265
#2	23.80577	15.45514	.1059085	.0011162	2.334365	2.365760	.0088652
#3	23.81836	15.45099	.1126724	.0015809	2.329097	2.351092	.0093879

Sample Name: J5873-22 Acquired: 11/15/2018 14:39:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0353S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.112386	.1523154	.4549750
Stddev	.031061	.0017106	.0012056
%RSD	.7553099	1.123040	.2649897

#1	4.078951	.1506050	.4537029
#2	4.117862	.1523152	.4561009
#3	4.140346	.1540261	.4551211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.742	2716.639	54215.30	4943.970	3398.869
Stddev	6.445	6.243	93.83	8.431	6.802
%RSD	.2612756	.2298005	.1730690	.1705394	.2001229

#1	2466.882	2713.101	54127.55	4936.401	3395.471
#2	2473.116	2723.848	54314.21	4942.453	3406.700
#3	2460.228	2712.969	54204.14	4953.058	3394.436

Sample Name: J5873-20LX5 Acquired: 11/15/2018 14:43:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0353L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114031	.0022168	.0685777	-.004410	-.000594	20.74699	.3187836
Stddev	.0034409	.0027855	.0012804	.003978	.001144	.13010	.0057881
%RSD	30.17469	125.6569	1.867046	90.20246	192.6773	.6270558	1.815689

#1	.0090237	.0048367	.0672915	-.001777	.000535	20.59837	.3124939
#2	.0098372	.0025227	.0685895	-.002468	-.000564	20.80235	.3199708
#3	.0153484	-.000709	.0698522	-.008987	-.001752	20.84024	.3238860

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017701	.0003186	10.99069	.0215614	.0134442	.0277340	31.03807
Stddev	.0000311	.0000503	.15801	.0002849	.0001295	.0046207	.41837
%RSD	1.756185	15.77510	1.437664	1.321538	.9633151	16.66090	1.347937

#1	.0018030	.0003042	10.81023	.0218657	.0132956	.0225846	30.59376
#2	.0017660	.0003746	11.05763	.0213009	.0135327	.0315186	31.09598
#3	.0017413	.0002772	11.10422	.0215177	.0135044	.0290987	31.42447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.107058	4.778740	.0195168	-.000051	.4569472	.0522458	.1066973
Stddev	.012437	.112929	.0004347	.000194	.1002629	.0070849	.0115860
%RSD	1.123458	2.363161	2.227089	377.3709	21.94190	13.56070	10.85877

#1	1.093223	4.789129	.0197188	.000001	.3714308	.0551751	.1158053
#2	1.110640	4.886116	.0198136	.000111	.4321195	.0573962	.0936569
#3	1.117312	4.660976	.0190179	-.000266	.5672914	.0441660	.1106297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.009905	2.537001	.0117739	.0002508	.3604418	.3441911	-.000911
Stddev	.014885	.004701	.0003543	.0002359	.0046651	.0049790	.000925
%RSD	.3712061	.1852804	3.009089	94.07582	1.294273	1.446578	101.4897

#1	3.999500	2.541183	.0121719	.0004303	.3657751	.3384644	-.001855
#2	4.003259	2.531914	.0114931	-.000016	.3571193	.3466140	-.000873
#3	4.026955	2.537907	.0116566	.000339	.3584309	.3474949	-.000006

Sample Name: J5873-20LX5 Acquired: 11/15/2018 14:43:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0353L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6107982	.0232133	.0776272
Stddev	.0058492	.0007618	.0002868
%RSD	.9576248	3.281860	.3693998

#1	.6041633	.0227434	.0777584
#2	.6130219	.0228043	.0772983
#3	.6152094	.0240923	.0778248

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.765	2390.400	46601.69	4226.420	3563.433
Stddev	32.979	1.368	341.99	39.386	2.615
%RSD	1.533373	.0572389	.7338575	.9319068	.0733964

#1	2134.842	2389.007	46466.66	4268.160	3561.480
#2	2188.684	2391.741	46990.58	4221.190	3566.405
#3	2128.768	2390.453	46347.82	4189.910	3562.415

Sample Name: CCV007 Acquired: 11/15/2018 14:47:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767237	4.841231	24.96825	4.900546	4.893461	413.6464	10.41712
Stddev	.018441	.006178	.01293	.009823	.018711	1.4261	.08673
%RSD	.3868209	.1276055	.0518028	.2004462	.3823695	.3447711	.8325335

#1	4.760763	4.848316	24.96769	4.889364	4.888478	414.1909	10.45245
#2	4.752906	4.836970	24.98145	4.907783	4.877746	414.7201	10.48060
#3	4.788041	4.838407	24.95560	4.904491	4.914159	412.0283	10.31831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078536	2.539483	423.2456	15.50947	2.540605	15.10444	424.0383
Stddev	.0063919	.002209	2.7910	.03892	.003923	.08187	3.5370
%RSD	1.258615	.0870036	.6594194	.2509514	.1543957	.5420535	.8341295

#1	.5097569	2.541926	423.5836	15.52735	2.544595	15.12809	425.6383
#2	.5130777	2.537626	425.8522	15.53624	2.536754	15.17189	426.4925
#3	.5007262	2.538895	420.3011	15.46482	2.540466	15.01335	419.9839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56713	423.6083	2.508537	1.331262	416.5494	2.554588	15.56128
Stddev	.15585	3.4308	.004437	.007794	.5399	.038347	.19110
%RSD	1.001168	.8099003	.1768601	.5854617	.1296079	1.501105	1.228052

#1	15.58141	423.5694	2.511063	1.340058	416.8024	2.569238	15.49164
#2	15.71535	427.0583	2.503414	1.328518	416.9163	2.583451	15.41476
#3	15.40463	420.1970	2.511134	1.325212	415.9295	2.511076	15.77743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3949	5.161242	5.222916	4.985253	5.246897	5.102426	5.014183
Stddev	.1334	.011251	.061453	.010741	.014882	.068336	.006494
%RSD	.0863799	.2179951	1.176607	.2154536	.2836303	1.339290	.1295083

#1	154.5353	5.170959	5.241704	4.979884	5.252144	5.127353	5.020358
#2	154.2698	5.148915	5.272781	4.978256	5.258444	5.154799	5.007411
#3	154.3796	5.163852	5.154262	4.997620	5.230102	5.025125	5.014779

Sample Name: CCV007 Acquired: 11/15/2018 14:47:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.158931	5.330137	5.180670
Stddev	.023171	.028459	.032398
%RSD	.4491418	.5339190	.6253588

#1	5.163123	5.341249	5.160802
#2	5.179720	5.351363	5.163152
#3	5.133950	5.297799	5.218055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.961	1916.188	41883.61	3813.698	2787.623
Stddev	27.058	5.074	409.93	2.042	2.392
%RSD	1.494930	.2648206	.9787458	.0535545	.0858205

#1	1817.693	1918.700	41894.48	3811.347	2785.221
#2	1832.312	1919.517	42288.00	3814.718	2790.006
#3	1779.879	1910.348	41468.35	3815.030	2787.644

Sample Name: CCB007 Acquired: 11/15/2018 14:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003072	.0001139	.0018505	-.000814	.0000250	-.003967	.0003469
Stddev	.002616	.0010072	.0010483	.001071	.0006702	.001327	.0007089
%RSD	85.16149	884.5432	56.65028	131.6383	2680.245	33.45621	204.3549

#1	-.000919	.0012571	.0023308	.000352	.0001780	-.002523	-.000265
#2	-.005983	-.000273	.0006481	-.001755	.0006054	-.005133	.000181
#3	-.002313	-.000643	.0025726	-.001037	-.000708	-.004247	.001124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000566	.0000553	-.015275	.0003400	.0000556	-.004529	.0041905
Stddev	.0000148	.0000386	.012527	.0002096	.0002063	.002225	.0219860
%RSD	26.12061	69.74661	82.01037	61.64960	370.8666	49.12705	524.6623

#1	.0000444	.0000304	-.026585	.0000996	-.000175	-.006926	-.008721
#2	.0000730	.0000998	-.017429	.0004849	.000223	-.002530	.029576
#3	.0000523	.0000358	-.001810	.0004355	.000119	-.004131	-.008284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000616	-.060452	-.000046	.0002647	.1562473	.0048988	.0025624
Stddev	.002069	.070819	.000455	.0004349	.2668177	.0022096	.0122304
%RSD	335.8233	117.1502	984.1472	164.3051	170.7663	45.10490	477.3076

#1	-.002308	-.075005	.000335	-.000110	-.040652	.0061338	.0162199
#2	.001691	-.122864	.000077	.000162	.049478	.0062150	-.007379
#3	-.001232	.016514	-.000551	.000742	.459916	.0023478	-.001154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015381	-.001141	-.002184	-.000080	-.003359	-.006638	-.001576
Stddev	.050918	.000756	.000485	.000269	.004667	.000678	.000687
%RSD	331.0512	66.22013	22.19444	337.2704	138.9384	10.21953	43.62380

#1	-.010159	-.000700	-.001627	-.000244	-.007126	-.006581	-.001500
#2	.032725	-.002014	-.002514	-.000227	.001862	-.007343	-.000930
#3	-.068709	-.000710	-.002410	.000231	-.004812	-.005990	-.002298

Sample Name: CCB007 Acquired: 11/15/2018 14:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015953	.0039937	.0000555
Stddev	.0022700	.0018525	.0000637
%RSD	142.2959	46.38662	114.7674

#1	.0033324	.0019684	.0001261
#2	-.000973	.0044101	.0000026
#3	.002427	.0056026	.0000376

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.458	2264.278	43993.30	3982.753	3485.891
Stddev	8.997	4.401	90.10	27.271	8.814
%RSD	.4430826	.1943811	.2047947	.6847169	.2528551

#1	2038.022	2260.786	44079.36	3999.360	3483.882
#2	2020.509	2269.222	43899.65	3997.620	3495.537
#3	2032.842	2262.827	44000.87	3951.280	3478.255

Sample Name: J5874-01 Acquired: 11/15/2018 14:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433565	-.001516	.3292790	-.021544	.0045324	104.6302	1.658489
Stddev	.0030996	.001592	.0029842	.003378	.0011795	.6417	.019198
%RSD	7.149096	105.0634	.9062986	15.67991	26.02460	.6132584	1.157582

#1	.0460735	-.000915	.3283225	-.025293	.0048431	103.8894	1.637096
#2	.0440157	-.003321	.3268902	-.020602	.0055254	104.9876	1.664152
#3	.0399804	-.000311	.3326242	-.018737	.0032286	105.0135	1.674219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087928	.0019006	54.66349	.1397633	.0911218	.1786843	169.7783
Stddev	.0000840	.0000904	.64712	.0005075	.0000644	.0038999	1.7887
%RSD	.9548482	4.756984	1.183819	.3630747	.0707195	2.182574	1.053539

#1	.0087849	.0019901	53.95032	.1403053	.0911888	.1831358	167.8400
#2	.0087131	.0019026	54.82698	.1396852	.0910603	.1758691	170.1295
#3	.0088805	.0018093	55.21319	.1392995	.0911163	.1770480	171.3653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976674	25.80457	.1187986	.0000505	1.964169	.3373463	.5247724
Stddev	.074920	.18076	.0006792	.0007164	.175816	.0044113	.0131289
%RSD	1.505423	.7004814	.5716910	1418.442	8.951172	1.307651	2.501820

#1	4.891954	25.60199	.1183664	-.000776	2.148145	.3404474	.5330735
#2	5.003872	25.94937	.1184479	.000439	1.797844	.3322962	.5096361
#3	5.034197	25.86234	.1195814	.000489	1.946518	.3392953	.5316074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.02434	12.77594	.0969943	.0021039	2.179436	2.783629	.0084528
Stddev	.05634	.01494	.0058218	.0001248	.006882	.036261	.0015998
%RSD	.2679532	.1169359	6.002184	5.929794	.3157870	1.302668	18.92618

#1	20.97324	12.78408	.0902724	.0021546	2.186614	2.817075	.0069622
#2	21.01503	12.75870	.1002783	.0019617	2.172894	2.745090	.0101430
#3	21.08475	12.78504	.1004320	.0021953	2.178799	2.788722	.0082532

Sample Name: J5874-01 Acquired: 11/15/2018 14:55:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0307 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.469429	.1146561	.3593772
Stddev	.036599	.0023868	.0014562
%RSD	.8188784	2.081714	.4052044

#1	4.430218	.1120792	.3590264
#2	4.502686	.1150979	.3609768
#3	4.475384	.1167911	.3581284

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.659	2715.782	53835.26	4895.273	3420.549
Stddev	16.994	2.626	215.49	16.395	4.618
%RSD	.6937370	.0966760	.4002721	.3349088	.1350164

#1	2468.550	2713.679	54053.20	4905.021	3421.603
#2	2444.813	2718.724	53622.31	4904.453	3424.550
#3	2435.615	2714.942	53830.26	4876.345	3415.496

Sample Name: J5874-02 Acquired: 11/15/2018 14:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430441	-.000591	.3263876	-.018848	.0059732	104.5099	1.660391
Stddev	.0010123	.000680	.0022816	.002016	.0008436	.3913	.012135
%RSD	2.351818	115.2164	.6990327	10.69468	14.12374	.3743709	.7308522

#1	.0442019	.000137	.3265657	-.020803	.0053797	104.0827	1.646387
#2	.0426043	-.000698	.3240222	-.018963	.0056010	104.8509	1.667794
#3	.0423260	-.001211	.3285749	-.016777	.0069389	104.5960	1.666994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086347	.0018585	54.55625	.1385859	.0906122	.1763555	169.6582
Stddev	.0001214	.0000535	.45594	.0004951	.0000810	.0021120	1.1969
%RSD	1.405674	2.876473	.8357293	.3572684	.0893744	1.197570	.7054518

#1	.0086563	.0018931	54.04330	.1381035	.0905211	.1753929	168.3820
#2	.0087438	.0017969	54.71001	.1385611	.0906397	.1787773	169.8370
#3	.0085039	.0018854	54.91543	.1390929	.0906759	.1748962	170.7556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959342	25.75260	.1175456	.0003832	2.107383	.3314366	.5284942
Stddev	.048496	.13693	.0002495	.0001311	.204402	.0053633	.0132372
%RSD	.9778725	.5317287	.2122798	34.20751	9.699347	1.618209	2.504695

#1	4.904533	25.60014	.1177869	.0004254	1.890780	.3252450	.5437739
#2	4.976807	25.79253	.1172886	.0004881	2.134491	.3346495	.5205077
#3	4.996687	25.86513	.1175613	.0002363	2.296879	.3344154	.5212009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.94951	12.71070	.0958953	.0023924	2.151971	2.765478	.0088450
Stddev	.07781	.03691	.0042057	.0001223	.002045	.005913	.0007805
%RSD	.3713999	.2903597	4.385730	5.112284	.0950460	.2138083	8.824713

#1	20.85974	12.68661	.0911914	.0022552	2.150548	2.768257	.0087610
#2	20.99127	12.69231	.0972016	.0024321	2.151051	2.758688	.0081098
#3	20.99752	12.75319	.0992928	.0024900	2.154315	2.769490	.0096641

Sample Name: J5874-02 Acquired: 11/15/2018 14:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.468425	.1143143	.3573364
Stddev	.014933	.0025984	.0017368
%RSD	.3341795	2.273046	.4860418

#1	4.451183	.1116269	.3584119
#2	4.477133	.1145025	.3582645
#3	4.476960	.1168135	.3553327

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.580	2733.424	54124.23	4907.657	3451.572
Stddev	19.120	.824	393.96	11.964	2.637
%RSD	.7776836	.0301558	.7278722	.2437845	.0764013

#1	2444.197	2734.357	53871.25	4907.825	3450.265
#2	2451.266	2732.797	53923.31	4895.610	3454.607
#3	2480.278	2733.117	54578.14	4919.536	3449.844

Sample Name: J5874-03 Acquired: 11/15/2018 15:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030042	.0884157	.3814854	-.007387	.1111440	112.2320	5.089425
Stddev	.0035405	.0027021	.0029135	.002972	.0009497	1.0572	.070401
%RSD	3.437206	3.056099	.7637332	40.23334	.8544721	.9419867	1.383279

#1	.0998262	.0865100	.3848456	-.010396	.1100718	112.9507	5.129125
#2	.1023660	.0872292	.3796638	-.007313	.1114804	111.0181	5.008140
#3	.1068203	.0915081	.3799466	-.004453	.1118796	112.7272	5.131008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868875	.0961461	53.50669	.4841459	1.037126	.5857208	179.6356
Stddev	.0009052	.0000554	.77408	.0005446	.001753	.0071728	2.2611
%RSD	1.041760	.0575901	1.446697	.1124956	.1689938	1.224605	1.258696

#1	.0878099	.0961347	54.02387	.4839010	1.035102	.5871982	181.0067
#2	.0860007	.0960974	52.61676	.4847701	1.038162	.5779244	177.0259
#3	.0868520	.0962063	53.87946	.4837668	1.038114	.5920399	180.8742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.931110	27.27080	1.070530	.0758920	2.072762	1.157595	1.335583
Stddev	.078329	.37184	.000458	.0003937	.203160	.013096	.019779
%RSD	1.320651	1.363512	.0427527	.5187780	9.801426	1.131274	1.480907

#1	5.946152	27.61164	1.070097	.0754749	1.862317	1.161510	1.337541
#2	5.846351	26.87425	1.071009	.0762571	2.267756	1.142988	1.314899
#3	6.000827	27.32650	1.070483	.0759441	2.088213	1.168286	1.354311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.08913	12.15834	.0971159	.0057853	2.276451	2.613935	.0176836
Stddev	.22051	.01493	.0046581	.0001211	.002032	.021580	.0016871
%RSD	.9982810	.1228327	4.796472	2.093896	.0892736	.8255586	9.540438

#1	22.29641	12.16401	.1014056	.0059175	2.276230	2.630230	.0183944
#2	21.85742	12.14140	.0921609	.0056796	2.278585	2.589462	.0188991
#3	22.11355	12.16962	.0977813	.0057588	2.274538	2.622114	.0157575

Sample Name: J5874-03 Acquired: 11/15/2018 15:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.016022	.1240565	.3602977
Stddev	.036654	.0018993	.0011888
%RSD	.7307403	1.530989	.3299576

#1	5.042279	.1262489	.3616658
#2	4.974146	.1229115	.3595164
#3	5.031641	.1230090	.3597108

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.512	2702.726	53837.67	4861.624	3446.923
Stddev	11.007	3.809	272.89	56.996	7.129
%RSD	.4511790	.1409273	.5068818	1.172357	.2068155

#1	2431.390	2699.339	53883.40	4798.241	3441.990
#2	2435.107	2706.849	53544.80	4908.658	3443.683
#3	2452.038	2701.989	54084.81	4877.974	3455.096

Sample Name: J5870-02 Acquired: 11/15/2018 15:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0329 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352362	.0010427	.2868023	-.021405	.0056384	134.4928	2.412248
Stddev	.0005565	.0011459	.0050021	.002526	.0013035	.8016	.028842
%RSD	1.579248	109.9049	1.744077	11.80158	23.11736	.5960038	1.195631

#1	.0358411	.0022004	.2812937	-.018650	.0065507	135.0788	2.425008
#2	.0347462	.0010186	.2910606	-.023612	.0041455	133.5793	2.379228
#3	.0351211	-.000091	.2880525	-.021952	.0062189	134.8202	2.432509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095157	.0016239	53.39057	.1633761	.0979723	.1899699	179.2191
Stddev	.0001796	.0001938	.67909	.0002013	.0002192	.0054658	2.5940
%RSD	1.887859	11.93463	1.271934	.1231813	.2237055	2.877167	1.447365

#1	.0094335	.0015231	53.62183	.1635854	.0979061	.1932166	181.1347
#2	.0093918	.0018473	52.62605	.1633589	.0977938	.1930337	176.2672
#3	.0097217	.0015012	53.92383	.1631840	.0982169	.1836595	180.2553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.829055	32.91830	.1285195	.0000498	2.227955	.3365077	.5544908
Stddev	.090229	.48943	.0002993	.0005085	.359712	.0070156	.0150720
%RSD	1.547912	1.486790	.2329065	1020.104	16.14537	2.084828	2.718166

#1	5.903027	33.22217	.1284324	.0004735	2.571027	.3445361	.5476035
#2	5.728529	32.35371	.1282734	-.000514	2.259198	.3315569	.5717759
#3	5.855608	33.17902	.1288527	.000190	1.853642	.3334301	.5440928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.57707	10.64385	.1110210	.0023960	2.227324	5.737755	.0096201
Stddev	.24296	.02531	.0050943	.0004515	.007261	.070143	.0020302
%RSD	.8810191	.2378273	4.588571	18.84266	.3259987	1.222487	21.10428

#1	27.38022	10.63346	.1158330	.0021109	2.234059	5.698092	.0116506
#2	27.84860	10.62538	.1115449	.0029166	2.219632	5.696430	.0075901
#3	27.50239	10.67271	.1056850	.0021606	2.228281	5.818744	.0096195

Sample Name: J5870-02 Acquired: 11/15/2018 15:11:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0329 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.188607	.1280047	.3794718
Stddev	.041500	.0010627	.0017201
%RSD	.7998273	.8301762	.4532945

#1	5.223516	.1285749	.3782723
#2	5.142722	.1267787	.3814426
#3	5.199581	.1286606	.3787006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.793	2677.123	53272.38	4893.303	3392.471
Stddev	17.315	2.075	259.80	30.145	2.685
%RSD	.7194045	.0774978	.4876804	.6160554	.0791446

#1	2408.121	2674.731	53093.43	4906.412	3389.901
#2	2388.853	2678.433	53153.35	4914.675	3395.258
#3	2423.406	2678.205	53570.37	4858.823	3392.253

Sample Name: J5870-03 Acquired: 11/15/2018 15:15:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0332 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417027	.0036084	.3295211	-.024478	.0062006	130.4828	2.039781
Stddev	.0015409	.0031934	.0026555	.002317	.0024616	.3670	.011836
%RSD	3.694907	88.49849	.8058699	9.467259	39.69985	.2812287	.5802676

#1	.0413232	.0049529	.3265917	-.026548	.0042300	130.8982	2.053003
#2	.0403870	-.000037	.3317704	-.024911	.0054120	130.2026	2.036170
#3	.0433978	.005910	.3302012	-.021975	.0089599	130.3477	2.030172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091223	.0027019	49.16296	.1588690	.1232177	.2060761	211.5303
Stddev	.0000988	.0001003	.29033	.0009639	.0001641	.0026467	1.1605
%RSD	1.083264	3.712025	.5905369	.6067504	.1332025	1.284309	.5486046

#1	.0091465	.0026514	49.49405	.1597268	.1231320	.2090693	212.8171
#2	.0090137	.0028174	48.95186	.1590544	.1231141	.2051136	210.5633
#3	.0092068	.0026369	49.04298	.1578258	.1234069	.2040454	211.2106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.297983	39.07636	.1626880	.0007643	1.875215	.3434352	.6622731
Stddev	.030749	.25679	.0005778	.0002417	.095952	.0065298	.0223898
%RSD	.4213329	.6571466	.3551561	31.61914	5.116864	1.901316	3.380753

#1	7.325410	39.13861	.1622822	.0008770	1.985572	.3396631	.6392997
#2	7.264743	38.79416	.1633495	.0004869	1.828568	.3396673	.6840297
#3	7.303796	39.29629	.1624322	.0009291	1.811504	.3509751	.6634901

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.84487	11.43301	.1342503	.0031928	1.928509	3.291194	.0080189
Stddev	.03894	.02471	.0037380	.0002255	.000596	.021749	.0009882
%RSD	.1304847	.2161074	2.784383	7.060953	.0309142	.6608186	12.32407

#1	29.87275	11.43671	.1345605	.0029493	1.928336	3.311134	.0072044
#2	29.80038	11.40666	.1378236	.0032350	1.928019	3.268002	.0077339
#3	29.86150	11.45566	.1303668	.0033943	1.929173	3.294445	.0091183

Sample Name: J5870-03 Acquired: 11/15/2018 15:15:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0332 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.768209	.1249061	.3300594
Stddev	.005933	.0032684	.0009993
%RSD	.1574545	2.616722	.3027620

#1	3.774115	.1259812	.3311280
#2	3.762249	.1212355	.3291480
#3	3.768264	.1275015	.3299023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.725	2730.931	54446.22	5036.736	3371.852
Stddev	6.842	8.537	132.03	33.427	11.912
%RSD	.2760272	.3126141	.2424947	.6636655	.3532757

#1	2481.108	2721.098	54294.78	5003.726	3360.564
#2	2484.056	2735.235	54537.16	5070.565	3370.689
#3	2471.010	2736.459	54506.72	5035.915	3384.303

Sample Name: J5870-04 Acquired: 11/15/2018 15:19:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0352 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387948	.0009961	.4066763	-.020753	.0078179	121.0877	2.176393
Stddev	.0037238	.0010532	.0017708	.001418	.0002483	.4897	.006834
%RSD	9.598568	105.7246	.4354365	6.833428	3.175704	.4044434	.3140092

#1	.0419795	.0018616	.4058920	-.021383	.0080430	121.3633	2.182188
#2	.0347006	-.000176	.4054332	-.021746	.0078592	121.3775	2.178135
#3	.0397043	.001303	.4087038	-.019129	.0075516	120.5223	2.168857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083377	.0024541	54.55925	.1479469	.0880403	.1844237	173.1913
Stddev	.0000301	.0001486	.15913	.0010044	.0004280	.0066220	.7123
%RSD	.3611077	6.054196	.2916591	.6788603	.4861446	3.590633	.4112723

#1	.0083202	.0023502	54.72343	.1476768	.0877582	.1782212	173.6455
#2	.0083725	.0023878	54.54861	.1490587	.0878299	.1913976	173.5579
#3	.0083205	.0026243	54.40571	.1471052	.0885327	.1836525	172.3703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.851182	29.75290	.1229806	.0014788	1.891179	.3116207	.6357829
Stddev	.026001	.21380	.0006011	.0001842	.297545	.0071807	.0057490
%RSD	.4443731	.7185809	.4888112	12.45771	15.73330	2.304294	.9042317

#1	5.868444	29.73993	.1236293	.0016910	1.774906	.3033541	.6392773
#2	5.863824	29.97289	.1228701	.0013841	1.669327	.3163108	.6291477
#3	5.821277	29.54588	.1224424	.0013611	2.229304	.3151971	.6389236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.43133	12.21881	.1131075	.0024249	2.110174	4.390226	.0096200
Stddev	.09761	.00949	.0017032	.0000543	.004125	.037481	.0001045
%RSD	.3558463	.0776469	1.505813	2.239142	.1954950	.8537355	1.085921

#1	27.42168	12.21767	.1145039	.0023948	2.114119	4.373582	.0097271
#2	27.33890	12.22881	.1112099	.0024876	2.110513	4.433146	.0096145
#3	27.53341	12.20994	.1136086	.0023924	2.105889	4.363949	.0095184

Sample Name: J5870-04 Acquired: 11/15/2018 15:19:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0352 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.251664	.1316656	.3797308
Stddev	.024705	.0007819	.0009756
%RSD	.4704243	.5938230	.2569138

#1	5.279894	.1307924	.3792195
#2	5.241105	.1319037	.3791171
#3	5.233993	.1323007	.3808557

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.517	2631.727	52647.28	4789.453	3403.834
Stddev	30.076	8.538	146.27	9.155	5.700
%RSD	1.265000	.3244317	.2778323	.1911449	.1674568

#1	2365.598	2623.138	52514.04	4787.455	3398.211
#2	2411.725	2640.214	52803.79	4781.462	3409.607
#3	2355.228	2631.829	52624.00	4799.442	3403.685

Sample Name: J5870-05 Acquired: 11/15/2018 15:23:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0355 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561462	.0010254	.4178093	-.022851	.0078912	138.7354	1.937020
Stddev	.0028907	.0019602	.0010988	.002388	.0004979	.4611	.008636
%RSD	5.148477	191.1538	.2629821	10.44886	6.309530	.3323889	.4458555

#1	.0573746	-.000852	.4165947	-.021063	.0084315	138.2680	1.927665
#2	.0582198	.000870	.4180991	-.021928	.0074508	138.7484	1.938706
#3	.0528442	.003059	.4187341	-.025563	.0077913	139.1900	1.944689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105392	.0043179	57.97673	.1425448	.1106865	.2207697	190.7601
Stddev	.0002463	.0000467	.30077	.0007968	.0002853	.0005016	.2762
%RSD	2.336958	1.082646	.5187753	.5589481	.2577250	.2271933	.1447693

#1	.0103233	.0043301	57.65529	.1418345	.1104352	.2208904	190.9508
#2	.0108075	.0042662	58.02357	.1434063	.1109966	.2211998	190.4434
#3	.0104869	.0043573	58.25133	.1423937	.1106277	.2202187	190.8861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.262432	42.47836	.1599936	.0008209	2.271015	.3004219	.6956426
Stddev	.017203	.21191	.0002424	.0003208	.095694	.0068277	.0180292
%RSD	.2746963	.4988578	.1514859	39.07823	4.213718	2.272705	2.591726

#1	6.245247	42.34326	.1600965	.0010912	2.185145	.3072143	.7161781
#2	6.262399	42.36924	.1597168	.0004664	2.374176	.2935594	.6883358
#3	6.279652	42.72259	.1601677	.0009051	2.253725	.3004920	.6824137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.70336	12.18136	.1276091	.0031326	2.592078	5.503476	.0102496
Stddev	.18070	.01627	.0063252	.0001662	.011604	.072220	.0022901
%RSD	.5699702	.1335930	4.956686	5.304909	.4476902	1.312262	22.34301

#1	31.50020	12.17103	.1345425	.0030882	2.583717	5.435996	.0121111
#2	31.76376	12.17294	.1221539	.0029932	2.587189	5.579649	.0109454
#3	31.84612	12.20012	.1261310	.0033165	2.605327	5.494783	.0076923

Sample Name: J5870-05 Acquired: 11/15/2018 15:23:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0355 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.180024	.1379660	.4208883
Stddev	.005929	.0013966	.0011247
%RSD	.1418467	1.012243	.2672128

#1	4.173606	.1368656	.4199304
#2	4.181167	.1374954	.4221266
#3	4.185298	.1395371	.4206078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.014	2802.840	56097.93	5086.662	3376.340
Stddev	15.709	2.377	165.19	40.522	4.544
%RSD	.6218933	.0848077	.2944729	.7966255	.1345984

#1	2509.717	2801.280	55962.48	5131.768	3373.502
#2	2527.265	2805.576	56049.34	5053.336	3381.581
#3	2541.060	2801.664	56281.97	5074.880	3373.936

Sample Name: J5870-06 Acquired: 11/15/2018 15:27:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0376 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449796	-.002967	.5223615	-.023429	.0074307	126.4758	1.763675
Stddev	.0020158	.002265	.0019719	.000782	.0015953	.9461	.033006
%RSD	4.481517	76.33601	.3774985	3.339552	21.46922	.7480188	1.871441

#1	.0470293	-.005294	.5203801	-.022542	.0065633	126.7058	1.777476
#2	.0429996	-.002836	.5223806	-.024022	.0092717	127.2855	1.787541
#3	.0449101	-.000770	.5243238	-.023724	.0064570	125.4359	1.726009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091653	.0031681	54.75411	.1416184	.0927615	.2017054	187.2114
Stddev	.0000735	.0001573	.90239	.0001148	.0002741	.0045393	3.3241
%RSD	.8021951	4.963782	1.648070	.0810579	.2955281	2.250454	1.775564

#1	.0092465	.0031301	55.10184	.1414864	.0930629	.2064214	187.5352
#2	.0091463	.0030333	55.43090	.1416743	.0926948	.1973663	190.3618
#3	.0091032	.0033409	53.72959	.1416946	.0925270	.2013284	183.7373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.538025	29.06341	.1383888	.0020194	2.253087	.3518913	.7121409
Stddev	.130039	.38143	.0006658	.0005438	.100900	.0118322	.0287907
%RSD	2.348120	1.312393	.4811408	26.92792	4.478304	3.362467	4.042842

#1	5.549729	29.06643	.1382780	.0020028	2.222351	.3419224	.7093537
#2	5.661817	29.44331	.1377854	.0025713	2.171130	.3649669	.7422238
#3	5.402529	28.68048	.1391031	.0014841	2.365781	.3487844	.6848451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.61200	12.49714	.1249864	.0027015	2.276306	4.272032	.0112626
Stddev	.11371	.03826	.0049752	.0002293	.008237	.039534	.0009510
%RSD	.4439869	.3061714	3.980617	8.487716	.3618520	.9254150	8.443646

#1	25.74234	12.50797	.1244593	.0028458	2.282089	4.317663	.0106407
#2	25.53311	12.45463	.1302042	.0024371	2.266875	4.248060	.0123573
#3	25.56053	12.52882	.1202957	.0028217	2.279955	4.250375	.0107897

Sample Name: J5870-06 Acquired: 11/15/2018 15:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0376 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.786241	.1545340	.4045844
Stddev	.061810	.0039204	.0029009
%RSD	1.068216	2.536893	.7170021

#1	5.785774	.1556938	.4071083
#2	5.848282	.1577436	.4014152
#3	5.724665	.1501646	.4052299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.228	2719.750	54261.71	4943.913	3449.539
Stddev	3.190	3.353	261.13	62.133	5.070
%RSD	.1302344	.1232836	.4812347	1.256751	.1469835

#1	2447.021	2722.055	53971.64	4872.682	3444.197
#2	2452.885	2715.903	54478.02	4986.949	3454.286
#3	2447.778	2721.291	54335.46	4972.108	3450.133

Sample Name: J5870-07 Acquired: 11/15/2018 15:31:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0379 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533009	-.000318	.4073735	-.020869	.0044195	124.1125	1.585002
Stddev	.0036055	.003324	.0013539	.000593	.0016289	.3556	.009735
%RSD	6.764436	1045.945	.3323420	2.842996	36.85771	.2865461	.6141928

#1	.0517818	.003287	.4089367	-.021347	.0026063	124.2476	1.590565
#2	.0574174	-.000979	.4066063	-.021055	.0048930	124.3807	1.590680
#3	.0507036	-.003262	.4065775	-.020205	.0057592	123.7091	1.573761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100264	.0033958	48.97271	.1199649	.0962868	.1983271	163.8563
Stddev	.0001115	.0001689	.41879	.0008725	.0001472	.0040890	2.0088
%RSD	1.111941	4.972886	.8551585	.7273297	.1528288	2.061739	1.225937

#1	.0098978	.0033064	49.27533	.1195975	.0964546	.2030245	165.7796
#2	.0100938	.0032904	49.14806	.1193362	.0961797	.1963916	164.0175
#3	.0100878	.0035906	48.49474	.1209611	.0962261	.1955652	161.7718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.591008	32.41843	.1365849	.0014484	2.003694	.2987169	.6398294
Stddev	.072737	.17114	.0003635	.0003832	.219330	.0087594	.0133991
%RSD	1.300960	.5279154	.2661680	26.45675	10.94630	2.932333	2.094162

#1	5.663225	32.54306	.1362801	.0016930	1.755049	.3025929	.6452490
#2	5.592037	32.48894	.1369872	.0016455	2.169700	.3048695	.6496696
#3	5.517762	32.22330	.1364873	.0010068	2.086334	.2886882	.6245694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.20660	10.08354	.1080526	.0038638	2.409670	11.63095	.0095500
Stddev	.23936	.03122	.0081552	.0000173	.004312	.05827	.0013223
%RSD	.8797758	.3096228	7.547483	.4482065	.1789459	.5010047	13.84599

#1	26.93027	10.04847	.1161129	.0038660	2.404707	11.56367	.0110133
#2	27.34954	10.10831	.1082394	.0038455	2.412500	11.66545	.0084408
#3	27.34000	10.09384	.0998056	.0038799	2.411802	11.66372	.0091960

Sample Name: J5870-07 Acquired: 11/15/2018 15:31:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0379 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.930482	.1317903	.3538951
Stddev	.028522	.0009830	.0028361
%RSD	.7256635	.7459069	.8013921

#1	3.960804	.1314867	.3506205
#2	3.926456	.1309948	.3555701
#3	3.904187	.1328893	.3554946

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.154	2800.438	55951.44	5053.315	3486.179
Stddev	6.120	2.002	250.05	44.891	6.877
%RSD	.2411075	.0714732	.4469137	.8883546	.1972587

#1	2539.405	2798.128	56168.57	5103.391	3484.163
#2	2531.506	2801.652	56007.69	5016.677	3480.536
#3	2543.552	2801.534	55678.04	5039.878	3493.838

Sample Name: J5870-08 Acquired: 11/15/2018 15:35:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0401 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467818	.0010659	.3628405	-.021584	.0057299	127.1801	1.857671
Stddev	.0020275	.0023107	.0009982	.000730	.0008069	.5728	.018218
%RSD	4.333923	216.7807	.2751097	3.380883	14.08261	.4503587	.9807158

#1	.0490798	.0019920	.3618372	-.022388	.0056197	127.4293	1.870077
#2	.0452454	.0027698	.3638335	-.021401	.0065862	126.5250	1.836755
#3	.0460203	-.001564	.3628508	-.020963	.0049837	127.5861	1.866182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093591	.0026091	55.77763	.1335877	.0998914	.1863651	181.4088
Stddev	.0000729	.0000776	.50264	.0006171	.0006060	.0035435	1.6257
%RSD	.7787662	2.975721	.9011551	.4619428	.6066535	1.901382	.8961386

#1	.0093683	.0025271	56.15511	.1329233	.0993127	.1902148	182.0851
#2	.0094270	.0026815	55.20707	.1341429	.0998403	.1832396	179.5541
#3	.0092821	.0026188	55.97070	.1336968	.1005214	.1856409	182.5871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.924158	27.73368	.1462888	.0011778	1.822699	.3317392	.6053252
Stddev	.054737	.37027	.0006085	.0005860	.034474	.0082410	.0027855
%RSD	.9239583	1.335074	.4159292	49.75171	1.891346	2.484192	.4601645

#1	5.948515	27.87610	.1460862	.0009064	1.784547	.3272771	.6071257
#2	5.861470	27.31335	.1458075	.0007767	1.831938	.3266914	.6021168
#3	5.962488	28.01159	.1469727	.0018502	1.851612	.3412491	.6067331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.57065	15.25470	.1097888	.0023875	1.995223	3.558444	.0082666
Stddev	.04435	.03909	.0085570	.0001740	.007134	.037565	.0010916
%RSD	.1804987	.2562161	7.794023	7.287669	.3575391	1.055647	13.20548

#1	24.52523	15.21966	.1176187	.0025359	1.991179	3.531117	.0080063
#2	24.57289	15.24760	.1006546	.0021960	2.003459	3.601280	.0073286
#3	24.61384	15.29685	.1110931	.0024304	1.991030	3.542937	.0094648

Sample Name: J5870-08 Acquired: 11/15/2018 15:35:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0401 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.564753	.1648616	.3691148
Stddev	.019429	.0008439	.0012031
%RSD	.4256360	.5118948	.3259392

#1	4.575108	.1645717	.3696903
#2	4.542339	.1642009	.3699220
#3	4.576811	.1658123	.3677320

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.145	2756.642	55503.11	5045.974	3408.827
Stddev	37.929	7.157	421.34	29.850	.843
%RSD	1.504455	.2596169	.7591233	.5915592	.0247305

#1	2482.916	2749.717	55032.35	5023.491	3408.114
#2	2558.768	2756.201	55844.84	5034.590	3409.757
#3	2521.751	2764.010	55632.15	5079.841	3408.608

Sample Name: J5870-09 Acquired: 11/15/2018 15:39:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0404 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527054	.0007953	.4937742	-.018597	.0065671	102.7318	1.488369
Stddev	.0029656	.0016766	.0017069	.002844	.0026073	.8191	.024458
%RSD	5.626779	210.8097	.3456738	15.29309	39.70184	.7972757	1.643251

#1	.0555022	.0000604	.4920561	-.015924	.0062646	103.5149	1.512246
#2	.0495957	-.000388	.4937970	-.018281	.0041243	101.8810	1.463370
#3	.0530182	.002714	.4954696	-.021586	.0093124	102.7996	1.489489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084854	.0044345	55.84051	.1025710	.0904939	.2034917	150.9566
Stddev	.0001323	.0000305	.91457	.0005780	.0003077	.0046587	2.4616
%RSD	1.559572	.6871033	1.637818	.5635287	.3400618	2.289356	1.630680

#1	.0084139	.0044695	56.67517	.1020452	.0902585	.2057793	153.4113
#2	.0084041	.0044204	54.86287	.1031899	.0903812	.1981315	148.4881
#3	.0086381	.0044137	55.98348	.1024780	.0908421	.2065643	150.9704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.592332	25.96498	.1206840	.0021753	2.104446	.2912239	.7292965
Stddev	.099950	.62459	.0011028	.0001203	.175486	.0052722	.0062706
%RSD	1.787276	2.405500	.9137976	5.527887	8.338841	1.810362	.8598137

#1	5.686261	26.63700	.1208071	.0022225	2.306404	.2947369	.7281184
#2	5.487290	25.40225	.1195248	.0022648	2.017803	.2937733	.7236986
#3	5.603445	25.85570	.1217201	.0020386	1.989133	.2851615	.7360726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.50650	13.69365	.0981442	.0027604	2.347259	5.000999	.0072352
Stddev	.06903	.03487	.0048611	.0003927	.004441	.023980	.0008407
%RSD	.3067068	.2546114	4.953004	14.22647	.1892096	.4795126	11.61972

#1	22.57667	13.73387	.1037561	.0029965	2.342771	5.005057	.0082051
#2	22.50417	13.67517	.0952387	.0023070	2.351652	4.975249	.0067861
#3	22.43867	13.67192	.0954378	.0029775	2.347354	5.022692	.0067144

Sample Name: J5870-09 Acquired: 11/15/2018 15:39:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0404 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.704930	.1218936	.3454207
Stddev	.034279	.0026543	.0015248
%RSD	.9252377	2.177591	.4414201

#1	3.738133	.1243394	.3437666
#2	3.669667	.1190709	.3457253
#3	3.706991	.1222704	.3467701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.789	2743.163	54598.64	4962.242	3455.913
Stddev	10.784	1.453	284.55	36.271	7.307
%RSD	.4378717	.0529579	.5211740	.7309329	.2114486

#1	2450.344	2741.538	54521.55	4946.468	3461.390
#2	2469.379	2743.616	54913.79	5003.729	3458.733
#3	2468.644	2744.336	54360.57	4936.530	3447.615

Sample Name: J5870-10 Acquired: 11/15/2018 15:43:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0426 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508048	.0064938	.4013047	-.024411	.0063777	137.7102	2.715876
Stddev	.0015877	.0008246	.0023744	.002396	.0027105	.3004	.021201
%RSD	3.125134	12.69864	.5916788	9.816407	42.49930	.2181278	.7806497

#1	.0505370	.0058367	.4039963	-.025593	.0087557	137.8619	2.737010
#2	.0493680	.0074192	.3995067	-.021654	.0069509	137.3642	2.694608
#3	.0525094	.0062256	.4004113	-.025987	.0034264	137.9045	2.716011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102902	.0032137	49.00186	.1759384	.1456734	.2022746	213.2999
Stddev	.0000260	.0000105	.35375	.0004194	.0003267	.0016297	.3613
%RSD	.2524050	.3271350	.7219078	.2383994	.2242897	.8057089	.1693697

#1	.0102800	.0032247	49.39084	.1764189	.1454491	.2025206	213.7045
#2	.0102709	.0032126	48.69939	.1757509	.1460482	.2005358	213.1856
#3	.0103197	.0032038	48.91534	.1756455	.1455227	.2037674	213.0096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77291	29.89774	.1906680	.0008196	1.676757	.4051745	.7362111
Stddev	.04134	.14673	.0007362	.0001349	.290741	.0077537	.0116346
%RSD	.3837086	.4907888	.3861120	16.45886	17.33949	1.913668	1.580329

#1	10.82033	29.90556	.1912641	.0009118	1.993886	.4129692	.7231538
#2	10.75393	30.04040	.1908949	.0006648	1.613599	.4050917	.7400025
#3	10.74447	29.74725	.1898451	.0008821	1.422787	.3974625	.7454770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.43414	13.78902	.1209578	.0037673	1.971737	3.721102	.0103786
Stddev	.25549	.01348	.0010570	.0003260	.010663	.015048	.0012235
%RSD	.9312948	.0977529	.8738349	8.654561	.5407705	.4043945	11.78916

#1	27.57203	13.78013	.1208678	.0034221	1.975517	3.737744	.0094186
#2	27.13932	13.80453	.1199487	.0040701	1.959699	3.717110	.0117563
#3	27.59106	13.78241	.1220569	.0038097	1.979995	3.708453	.0099608

Sample Name: J5870-10 Acquired: 11/15/2018 15:43:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0426 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.812393	.1831621	.3617524
Stddev	.003686	.0018420	.0009186
%RSD	.0766032	1.005653	.2539290

#1	4.814228	.1846832	.3611943
#2	4.808149	.1811141	.3612503
#3	4.814802	.1836889	.3628126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.233	2739.792	54885.83	5005.859	3357.758
Stddev	5.809	4.013	175.28	34.294	3.991
%RSD	.2340265	.1464577	.3193559	.6850673	.1188729

#1	2483.631	2744.420	54767.27	4977.811	3359.147
#2	2487.215	2737.287	55087.17	5044.091	3360.870
#3	2475.852	2737.667	54803.06	4995.676	3353.258

Sample Name: J5870-14 Acquired: 11/15/2018 15:47:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0451 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424862	.0034002	.3467506	-.024138	.0056221	126.1358	2.371044
Stddev	.0031088	.0009483	.0007437	.001342	.0014228	.2393	.009748
%RSD	7.317288	27.88855	.2144703	5.558110	25.30700	.1896788	.4111186

#1	.0436099	.0023663	.3470249	-.025633	.0052323	125.9549	2.359871
#2	.0389717	.0036050	.3459088	-.023039	.0071991	126.0454	2.377810
#3	.0448769	.0042293	.3473182	-.023744	.0044348	126.4071	2.375451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096182	.0027350	44.44961	.1642075	.1228678	.1842442	197.7834
Stddev	.0000876	.0001041	.23263	.0003819	.0002523	.0023940	1.2752
%RSD	.9103752	3.807337	.5233649	.2325844	.2053548	1.299385	.6447426

#1	.0096897	.0027952	44.18099	.1645023	.1229831	.1866539	196.6277
#2	.0096444	.0027951	44.58198	.1637760	.1225784	.1842124	197.5711
#3	.0095206	.0026148	44.58585	.1643441	.1230418	.1818662	199.1514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.587501	29.75845	.1773219	.0005223	1.938740	.3641586	.6078043
Stddev	.078843	.19634	.0004596	.0004231	.324348	.0038407	.0078530
%RSD	.9181153	.6597837	.2592115	80.99383	16.72982	1.054672	1.292034

#1	8.500164	29.59083	.1768053	.0000674	1.567898	.3619724	.6154227
#2	8.608909	29.71007	.1776856	.0009039	2.078789	.3685933	.5997360
#3	8.653429	29.97446	.1774749	.0005956	2.169534	.3619101	.6082541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.29719	10.91275	.1153225	.0029196	2.046577	17.26037	.0101899
Stddev	.04028	.05070	.0030301	.0001231	.008386	.12303	.0008132
%RSD	.1531579	.4645498	2.627512	4.216002	.4097524	.7128171	7.980217

#1	26.33477	10.85968	.1120268	.0030430	2.045582	17.40160	.0105290
#2	26.30213	10.91789	.1159527	.0027968	2.038732	17.17640	.0092621
#3	26.25467	10.96068	.1179879	.0029190	2.055415	17.20311	.0107786

Sample Name: J5870-14 Acquired: 11/15/2018 15:47:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0451 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.822935	.1659251	.3482028
Stddev	.013959	.0008033	.0009041
%RSD	.2894354	.4841369	.2596467

#1	4.808319	.1650613	.3492106
#2	4.824359	.1660644	.3474631
#3	4.836128	.1666497	.3479346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.015	2719.238	54610.66	4925.258	3386.122
Stddev	14.720	3.610	235.55	15.560	6.322
%RSD	.5932965	.1327424	.4313225	.3159258	.1867097

#1	2494.807	2716.534	54853.06	4936.680	3382.590
#2	2465.516	2723.337	54382.62	4907.536	3393.421
#3	2482.721	2717.844	54596.31	4931.559	3382.355

Sample Name: J5870-15 Acquired: 11/15/2018 15:51:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0454 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380041	.0011975	.3386059	-.023120	.0053256	128.3408	2.256757
Stddev	.0028637	.0037637	.0022211	.001570	.0025714	.4388	.015821
%RSD	7.535121	314.2960	.6559637	6.792012	48.28315	.3419380	.7010436

#1	.0403925	.0002470	.3361079	-.024723	.0042281	128.5130	2.250902
#2	.0387902	-.002000	.3403583	-.023053	.0034851	127.8420	2.244698
#3	.0348295	.005345	.3393516	-.021584	.0082636	128.6675	2.274670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103486	.0023527	49.14088	.1868890	.1224600	.1818288	202.6896
Stddev	.0001577	.0000723	.24402	.0007684	.0001025	.0047063	.6403
%RSD	1.523352	3.071372	.4965788	.4111443	.0836792	2.588336	.3158984

#1	.0104479	.0023951	49.20496	.1868603	.1224050	.1770745	203.4285
#2	.0101669	.0022693	48.87121	.1861353	.1223967	.1819263	202.2982
#3	.0104312	.0023938	49.34646	.1876713	.1225782	.1864857	202.3421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.615245	31.00900	.1815427	.0006459	1.956648	.3766245	.6388023
Stddev	.016572	.28456	.0004758	.0003933	.325222	.0059807	.0140407
%RSD	.2176199	.9176815	.2620783	60.90203	16.62140	1.587973	2.197971

#1	7.630633	31.32740	.1811948	.0004150	1.583599	.3819304	.6376255
#2	7.597700	30.92009	.1813483	.0004226	2.180529	.3777996	.6533944
#3	7.617404	30.77951	.1820848	.0011001	2.105815	.3701435	.6253871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.07692	13.44644	.1167446	.0023117	1.933079	17.41027	.0117579
Stddev	.16547	.06506	.0077595	.0001317	.013160	.15021	.0012226
%RSD	.5690889	.4838702	6.646602	5.695322	.6807919	.8627484	10.39805

#1	28.97786	13.42345	.1231581	.0023307	1.917962	17.33098	.0104514
#2	28.98494	13.39599	.1189565	.0021716	1.939297	17.31632	.0128743
#3	29.26794	13.51987	.1081193	.0024329	1.941978	17.58350	.0119481

Sample Name: J5870-15 Acquired: 11/15/2018 15:51:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0454 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.803162	.1580370	.3733275
Stddev	.011473	.0019073	.0009823
%RSD	.1976940	1.206875	.2631322

#1	5.815468	.1582888	.3726603
#2	5.792762	.1598059	.3744555
#3	5.801257	.1560163	.3728667

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.531	2726.004	54465.20	4930.561	3346.788
Stddev	27.662	5.936	345.01	9.952	2.784
%RSD	1.119206	.2177537	.6334511	.2018532	.0831796

#1	2470.326	2725.061	54404.47	4941.728	3346.496
#2	2444.492	2732.355	54154.59	4927.327	3349.706
#3	2499.775	2720.596	54836.55	4922.628	3344.161

Sample Name: J5870-16 Acquired: 11/15/2018 15:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0476 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340688	.0038657	.2199236	-.022802	.0044264	122.0866	2.279582
Stddev	.0038059	.0014086	.0009656	.002743	.0003835	.4728	.013084
%RSD	11.17138	36.43749	.4390713	12.02827	8.663438	.3872397	.5739589

#1	.0321002	.0041777	.2209099	-.019689	.0048692	122.6325	2.294234
#2	.0316504	.0023273	.2198809	-.023854	.0042092	121.8134	2.269066
#3	.0384559	.0050921	.2189801	-.024863	.0042009	121.8139	2.275446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096259	.0016436	46.63159	.1729001	.1255560	.1759375	197.0195
Stddev	.0001381	.0001467	.40335	.0007982	.0003346	.0013835	1.7734
%RSD	1.434908	8.923256	.8649728	.4616672	.2664791	.7863359	.9001158

#1	.0096668	.0014877	47.09427	.1724911	.1257791	.1752951	199.0432
#2	.0094719	.0016642	46.44652	.1738199	.1257176	.1775253	195.7369
#3	.0097389	.0017789	46.35399	.1723892	.1251713	.1749919	196.2783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.335659	30.48770	.1830459	-.000809	1.941434	.3711497	.5174315
Stddev	.075083	.40232	.0003169	.000595	.312116	.0101939	.0069689
%RSD	.9007434	1.319617	.1731403	73.58510	16.07659	2.746583	1.346826

#1	8.421573	30.95119	.1833222	-.000156	2.064222	.3794816	.5107023
#2	8.302778	30.28318	.1826999	-.000948	2.173483	.3597830	.5169746
#3	8.282626	30.22872	.1831155	-.001322	1.586597	.3741844	.5246176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.01550	10.99874	.1117402	.0024574	2.051478	13.18366	.0099977
Stddev	.06808	.01922	.0017232	.0002522	.001206	.09239	.0006168
%RSD	.2520008	.1747757	1.542178	10.26376	.0587895	.7008129	6.169268

#1	26.95470	11.01964	.1105255	.0022501	2.051118	13.28974	.0103688
#2	27.00276	10.98181	.1137124	.0023838	2.052823	13.12083	.0092857
#3	27.08906	10.99476	.1109827	.0027382	2.050492	13.14040	.0103385

Sample Name: J5870-16 Acquired: 11/15/2018 15:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0476 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.578592	.1453545	.3567644
Stddev	.020898	.0009827	.0002330
%RSD	.4564195	.6760559	.0653159

#1	4.602676	.1448813	.3567105
#2	4.567837	.1446979	.3565630
#3	4.565262	.1464842	.3570196

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.615	2696.901	53985.92	4881.637	3370.529
Stddev	25.711	3.243	264.75	4.631	5.028
%RSD	1.049161	.1202664	.4904027	.0948689	.1491796

#1	2480.217	2694.730	54290.94	4884.076	3366.209
#2	2433.854	2700.630	53851.15	4876.296	3376.048
#3	2437.774	2695.344	53815.67	4884.539	3369.330

Sample Name: J5870-17 Acquired: 11/15/2018 15:59:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0479 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473052	-.000313	.4178213	-.021304	.0073570	121.2280	1.811458
Stddev	.0021918	.001146	.0021572	.002884	.0011892	.7690	.023901
%RSD	4.633281	366.5707	.5162961	13.53967	16.16418	.6343261	1.319436

#1	.0453155	.001010	.4155478	-.018339	.0065687	122.0931	1.837377
#2	.0469456	-.000952	.4180765	-.024100	.0067774	120.6221	1.790288
#3	.0496546	-.000996	.4198395	-.021473	.0087248	120.9687	1.806710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095714	.0030842	47.96943	.1582761	.1098433	.1693175	191.7887
Stddev	.0001621	.0002416	.62906	.0010377	.0005231	.0060184	2.3523
%RSD	1.693404	7.833023	1.311380	.6556248	.4762342	3.554503	1.226486

#1	.0093877	.0031235	48.67817	.1570783	.1093074	.1760411	194.4903
#2	.0096945	.0033037	47.47728	.1588478	.1098699	.1644337	190.1941
#3	.0096319	.0028254	47.75283	.1589023	.1103526	.1674779	190.6819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.467549	27.40296	.1470793	.0012713	1.978056	.3647817	.7859433
Stddev	.093486	.35794	.0007989	.0003487	.133331	.0084138	.0100666
%RSD	1.445458	1.306219	.5431462	27.42911	6.740488	2.306518	1.280832

#1	6.570583	27.79816	.1471685	.0013582	2.027229	.3730434	.7873389
#2	6.388147	27.10054	.1478298	.0015683	2.079816	.3650781	.7952392
#3	6.443916	27.31018	.1462396	.0008874	1.827122	.3562237	.7752517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.85007	12.15388	.1078188	.0027184	2.043251	4.527438	.0110071
Stddev	.06838	.03438	.0075214	.0003919	.005027	.052027	.0002898
%RSD	.2992668	.2828859	6.975914	14.41718	.2460529	1.149158	2.632528

#1	22.91376	12.18013	.1164336	.0026318	2.037496	4.472652	.0108453
#2	22.77780	12.16655	.1025574	.0023770	2.046789	4.533484	.0113416
#3	22.85865	12.11496	.1044654	.0031463	2.045468	4.576178	.0108343

Sample Name: J5870-17 Acquired: 11/15/2018 15:59:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0479 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.045631	.1463588	.3529564
Stddev	.035562	.0022846	.0006881
%RSD	.7048026	1.560986	.1949593

#1	5.086350	.1486979	.3524430
#2	5.020679	.1441328	.3537383
#3	5.029863	.1462457	.3526879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.005	2673.445	53382.01	4880.881	3304.483
Stddev	37.423	4.343	343.44	28.837	5.300
%RSD	1.547029	.1624515	.6433545	.5908167	.1603903

#1	2376.844	2668.628	53033.71	4876.539	3298.813
#2	2448.289	2677.063	53720.37	4911.642	3309.312
#3	2431.882	2674.642	53391.97	4854.460	3305.324

Sample Name: J5870-18 Acquired: 11/15/2018 16:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0500 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509777	-.002591	1.094413	-.016625	.0091905	108.8133	2.925918
Stddev	.0009901	.003178	.002704	.003362	.0011368	1.6667	.051081
%RSD	1.942209	122.6868	.2471104	20.22497	12.36893	1.531680	1.745828

#1	.0519599	-.006247	1.094131	-.019646	.0085319	106.8912	2.868327
#2	.0499799	-.000488	1.091861	-.013002	.0105031	109.8583	2.965747
#3	.0509934	-.001037	1.097247	-.017227	.0085365	109.6902	2.943680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082037	.0070909	61.04928	.2702118	.0903213	.2690781	184.8448
Stddev	.0001522	.0001417	1.06444	.0036657	.0002463	.0042884	2.9506
%RSD	1.855790	1.998095	1.743578	1.356611	.2726407	1.593737	1.596265

#1	.0081132	.0072499	59.82904	.2733082	.0905919	.2647692	181.4631
#2	.0083795	.0069779	61.78709	.2711630	.0902615	.2691192	186.8949
#3	.0081185	.0070448	61.53170	.2661643	.0901104	.2733457	186.1765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.650135	39.74983	.2021428	.0068580	3.318518	.3909332	1.375592
Stddev	.116696	.73318	.0013385	.0009706	.055249	.0113396	.023172
%RSD	2.065371	1.844497	.6621477	14.15338	1.664859	2.900637	1.684491

#1	5.515487	38.90344	.2032021	.0057374	3.277519	.3789399	1.397873
#2	5.721985	40.15632	.2025879	.0074353	3.381346	.3923794	1.351622
#3	5.712932	40.18973	.2006385	.0074013	3.296688	.4014802	1.377283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.00306	16.19942	.1089094	.0022442	1.817669	4.476633	.0184855
Stddev	.52021	.08417	.0041718	.0002316	.003698	.113209	.0014593
%RSD	1.677937	.5195901	3.830533	10.31998	.2034582	2.528880	7.893993

#1	30.50421	16.27963	.1101800	.0024937	1.818224	4.380981	.0171266
#2	31.54228	16.11178	.1042501	.0020361	1.813725	4.601623	.0200278
#3	30.96270	16.20686	.1122982	.0022028	1.821059	4.447296	.0183022

Sample Name: J5870-18 Acquired: 11/15/2018 16:03:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0500 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.202165	.1152256	.4007775
Stddev	.136207	.0025784	.0046256
%RSD	1.480162	2.237734	1.154161

#1	9.046081	.1133894	.3954363
#2	9.263446	.1181734	.4034674
#3	9.296966	.1141141	.4034288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.663	2709.945	53275.90	4698.181	3514.503
Stddev	35.003	11.374	644.81	79.291	13.701
%RSD	1.453820	.4197088	1.210331	1.687702	.3898314

#1	2371.338	2697.393	52541.66	4778.961	3499.214
#2	2441.174	2719.567	53750.03	4620.467	3525.667
#3	2410.479	2712.876	53536.03	4695.116	3518.629

Sample Name: J5870-19 Acquired: 11/15/2018 16:07:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0503 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479223	.0037397	.6226304	-.025873	.0079980	119.4867	2.283683
Stddev	.0007377	.0036663	.0025462	.003044	.0023208	.8564	.024754
%RSD	1.539290	98.03660	.4089429	11.76504	29.01698	.7166915	1.083958

#1	.0487544	.0079427	.6206470	-.025774	.0056663	119.8799	2.291732
#2	.0473488	.0020774	.6255017	-.028965	.0080202	120.0759	2.303410
#3	.0476637	.0011991	.6217426	-.022880	.0103077	118.5044	2.255905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098854	.0048339	49.77735	.1798121	.1299591	.2261618	211.4778
Stddev	.0000065	.0002332	.65528	.0010246	.0003564	.0011003	2.9317
%RSD	.0660603	4.823835	1.316413	.5698305	.2742534	.4865211	1.386306

#1	.0098839	.0046877	50.04428	.1809928	.1299321	.2248992	213.0678
#2	.0098925	.0047112	50.25703	.1792884	.1296169	.2269157	213.2709
#3	.0098797	.0051028	49.03074	.1791552	.1303282	.2266706	208.0945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.891481	30.05181	.1864014	.0025590	1.945882	.3758969	.9018900
Stddev	.135824	.33770	.0007829	.0002957	.183106	.0107969	.0262853
%RSD	1.527578	1.123715	.4200138	11.55603	9.409925	2.872293	2.914471

#1	8.971982	30.28477	.1862025	.0022943	1.983258	.3753055	.9196783
#2	8.967798	30.20613	.1857371	.0028782	2.107417	.3869774	.9142937
#3	8.734663	29.66452	.1872646	.0025045	1.746972	.3654079	.8716980

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17717	11.16880	.1238387	.0027282	2.447121	16.24089	.0108378
Stddev	.06907	.01731	.0030239	.0002204	.010222	.03334	.0012505
%RSD	.2743441	.1550127	2.441818	8.077395	.4177098	.2052909	11.53854

#1	25.21960	11.15921	.1242612	.0027896	2.437007	16.21023	.0119738
#2	25.09747	11.15840	.1266292	.0029113	2.457448	16.23606	.0110417
#3	25.21446	11.18878	.1206258	.0024836	2.446908	16.27638	.0094979

Sample Name: J5870-19 Acquired: 11/15/2018 16:07:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0503 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.720891	.1310075	.3848628
Stddev	.044418	.0026078	.0017162
%RSD	.9408871	1.990561	.4459334

#1	4.744247	.1290737	.3834190
#2	4.748758	.1339733	.3844090
#3	4.669667	.1299753	.3867603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.337	2748.993	55164.70	4999.111	3368.520
Stddev	12.492	3.555	258.06	20.939	1.362
%RSD	.5004276	.1293113	.4677953	.4188539	.0404235

#1	2489.187	2744.923	54867.80	5003.559	3366.950
#2	2510.762	2750.572	55291.20	5017.469	3369.221
#3	2489.063	2751.485	55335.10	4976.306	3369.388

Sample Name: J5870-20 Acquired: 11/15/2018 16:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0534 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530806	-.000831	1.039701	-.022457	.0094510	95.37432	2.685271
Stddev	.0023366	.000966	.001837	.003197	.0023820	.58732	.036052
%RSD	4.402042	116.1599	.1766822	14.23658	25.20386	.6158019	1.342595

#1	.0504454	-.000143	1.041801	-.024960	.0121218	95.94106	2.724256
#2	.0538968	-.000416	1.038904	-.018856	.0086848	94.76839	2.653133
#3	.0548997	-.001936	1.038396	-.023556	.0075464	95.41350	2.678425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075803	.0072467	55.95119	.2593284	.0928576	.2410624	167.5525
Stddev	.0001394	.0002052	.69339	.0024341	.0007789	.0024868	1.7979
%RSD	1.839519	2.832071	1.239279	.9386095	.8388224	1.031608	1.073064

#1	.0075131	.0070187	56.68072	.2592670	.0936530	.2421290	169.4093
#2	.0074871	.0073045	55.30072	.2569257	.0928235	.2382201	165.8198
#3	.0077406	.0074167	55.87214	.2617927	.0920963	.2428379	167.4285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.497477	36.35297	.2046271	.0050829	3.081360	.3461794	1.275943
Stddev	.074705	.37588	.0002167	.0001948	.150569	.0034201	.044877
%RSD	1.358894	1.033981	.1058743	3.832128	4.886440	.9879435	3.517179

#1	5.577332	36.77230	.2046326	.0048786	3.177597	.3501149	1.234285
#2	5.429296	36.04630	.2048410	.0052665	3.158639	.3439279	1.270082
#3	5.485805	36.24032	.2044078	.0051037	2.907843	.3444954	1.323463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.62943	16.47185	.0976072	.0019010	1.756590	4.701108	.0158302
Stddev	.02579	.05794	.0015313	.0001179	.007742	.042906	.0015496
%RSD	.0933296	.3517699	1.568810	6.202891	.4407626	.9126762	9.788759

#1	27.62862	16.50850	.0958890	.0019776	1.764255	4.733447	.0160241
#2	27.65561	16.40505	.0988276	.0019602	1.756744	4.652433	.0141927
#3	27.60406	16.50201	.0981051	.0017652	1.748772	4.717442	.0172736

Sample Name: J5870-20 Acquired: 11/15/2018 16:11:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0534 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.032736	.0972069	.3574173
Stddev	.049689	.0009994	.0013652
%RSD	.6185833	1.028145	.3819679

#1	8.082035	.0983539	.3567011
#2	7.982665	.0965238	.3589916
#3	8.033507	.0967429	.3565592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.143	2579.563	52110.72	4767.228	3341.215
Stddev	29.681	5.687	245.85	8.806	7.503
%RSD	1.262937	.2204497	.4717828	.1847132	.2245455

#1	2381.471	2575.947	52383.04	4759.272	3339.658
#2	2346.514	2576.624	52043.97	4776.689	3334.613
#3	2322.443	2586.118	51905.13	4765.722	3349.374

Sample Name: J5874-01LX5 Acquired: 11/15/2018 16:21:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0307L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109817	.0013449	.0595446	-.005609	.0001382	21.92012	.3487940
Stddev	.0020013	.0017813	.0002386	.000438	.0008904	.07792	.0044124
%RSD	18.22413	132.4410	.4006735	7.807592	644.4947	.3554670	1.265052

#1	.0132385	.0015238	.0592709	-.005989	-.000357	21.99999	.3538412
#2	.0102839	.0030300	.0596542	-.005710	-.000395	21.84431	.3468732
#3	.0094227	-.000519	.0597087	-.005130	.001166	21.91606	.3456675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019150	.0001982	11.59771	.0299248	.0162999	.0316543	36.23322
Stddev	.0000474	.0000330	.11115	.0004520	.0002550	.0048211	.47710
%RSD	2.476971	16.66237	.9583423	1.510457	1.564648	15.23052	1.316745

#1	.0019678	.0002225	11.72599	.0301848	.0162581	.0270536	36.73247
#2	.0018759	.0001606	11.53688	.0301868	.0165733	.0366691	35.78188
#3	.0019013	.0002115	11.53026	.0294029	.0160684	.0312402	36.18532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057415	5.380624	.0219387	.0000957	.6221374	.0745171	.1014266
Stddev	.012557	.064190	.0003110	.0007937	.4911798	.0071871	.0103180
%RSD	1.187537	1.192984	1.417365	828.9845	78.95038	9.644884	10.17289

#1	1.071546	5.397683	.0219639	.0009944	.4000288	.0800684	.0904160
#2	1.047535	5.309628	.0216159	-.000510	1.185141	.0770838	.1029904
#3	1.053165	5.434562	.0222362	-.000198	.281242	.0663990	.1108736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.263211	2.437437	.0136287	.0003848	.4035939	.5874406	-.000796
Stddev	.007833	.016135	.0007268	.0002000	.0035858	.0073553	.000441
%RSD	.1837352	.6619681	5.332845	51.98956	.8884802	1.252093	55.38951

#1	4.270748	2.442630	.0134041	.0002148	.4005679	.5953191	-.000467
#2	4.263773	2.419345	.0144413	.0006052	.4026594	.5807541	-.001297
#3	4.255112	2.450336	.0130408	.0003343	.4075545	.5862487	-.000624

Sample Name: J5874-01LX5 Acquired: 11/15/2018 16:21:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0307L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9473867	.0199740	.0761489
Stddev	.0098651	.0022542	.0003863
%RSD	1.041300	11.28572	.5073313

#1	.9560344	.0196036	.0764431
#2	.9366415	.0223904	.0757114
#3	.9494843	.0179279	.0762923

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.667	2448.866	48029.27	4375.720	3621.781
Stddev	2.342	2.498	119.10	59.267	2.920
%RSD	.1062754	.1019879	.2479635	1.354442	.0806218

#1	2206.356	2448.508	47920.56	4308.140	3624.706
#2	2202.572	2451.524	48156.57	4418.850	3618.866
#3	2202.073	2446.567	48010.69	4400.170	3621.770

Sample Name: CCV008 Acquired: 11/15/2018 16:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.546039	4.629520	23.66715	4.646874	4.646571	388.7564	9.584770
Stddev	.014965	.004204	.01202	.017835	.010634	7.4993	.147548
%RSD	.3291912	.0908113	.0507722	.3838028	.2288634	1.929038	1.539405

#1	4.562911	4.633222	23.67870	4.638717	4.640519	380.4778	9.414961
#2	4.540839	4.630388	23.66802	4.634577	4.640343	390.6961	9.657674
#3	4.534368	4.624949	23.65471	4.667329	4.658850	395.0952	9.681677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4698977	2.401982	388.5263	14.66415	2.406242	14.18648	389.5215
Stddev	.0018986	.004460	6.7073	.27526	.001714	.27480	7.1366
%RSD	.4040375	.1856737	1.726332	1.877069	.0712461	1.937081	1.832145

#1	.4683026	2.406089	380.9129	14.86654	2.406126	13.89696	381.6250
#2	.4719977	2.397238	391.1022	14.77520	2.408011	14.21877	391.4290
#3	.4693929	2.402618	393.5637	14.35072	2.404588	14.44371	395.5106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.16746	387.9471	2.383196	1.246587	388.9912	2.347810	14.74818
Stddev	.24903	7.1562	.001155	.014878	6.7798	.032505	.12639
%RSD	1.757758	1.844640	.0484520	1.193477	1.742909	1.384486	.8569588

#1	13.89077	380.1226	2.383357	1.254726	381.3196	2.311900	14.71402
#2	14.23798	389.5582	2.381969	1.255619	391.4761	2.356309	14.88814
#3	14.37363	394.1604	2.384262	1.229415	394.1779	2.375221	14.64239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.3587	4.973757	4.819727	4.712188	5.000844	4.711640	4.759924
Stddev	1.6595	.019363	.036833	.004831	.010545	.029890	.002496
%RSD	1.141668	.3893100	.7642233	.1025219	.2108550	.6343848	.0524459

#1	143.5046	4.962404	4.778152	4.714544	5.013019	4.683018	4.757391
#2	145.8665	4.962751	4.832744	4.706631	4.994640	4.742654	4.760001
#3	146.7050	4.996115	4.848284	4.715389	4.994872	4.709246	4.762382

Sample Name: CCV008 Acquired: 11/15/2018 16:26:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.797108	4.863016	4.886962
Stddev	.095033	.066748	.071327
%RSD	1.981056	1.372567	1.459546

#1	4.694634	4.785943	4.809409
#2	4.814348	4.901825	4.901723
#3	4.882341	4.901281	4.949754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.014	1993.420	43289.53	4020.169	2891.852
Stddev	29.833	4.261	451.80	19.612	6.740
%RSD	1.616057	.2137778	1.043677	.4878303	.2330708

#1	1826.894	1988.631	42937.99	4041.360	2884.964
#2	1830.758	1994.833	43131.48	4016.490	2892.158
#3	1880.389	1996.795	43799.13	4002.658	2898.433

Sample Name: CCB008 Acquired: 11/15/2018 16:30:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002287	.0004917	.0007228	.0002572	-.000269	-.007777	.0001417
Stddev	.000506	.0010989	.0011426	.0030679	.001119	.004363	.0004252
%RSD	22.11828	223.4706	158.0710	1192.705	416.3470	56.10105	300.0935

#1	-.002870	.0017003	.0014512	.0018491	.000505	-.002757	-.000348
#2	-.001979	.0002223	.0013112	.0022020	.000240	-.010655	.000420
#3	-.002010	-.000447	-.000594	-.003279	-.001552	-.009919	.000353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000213	.0000336	.0005072	.0001447	.0001238	-.006483	-.018424
Stddev	.0000183	.0000442	.0163451	.0001299	.0002817	.004834	.029954
%RSD	86.04174	131.4433	3222.408	89.80765	227.6017	74.55508	162.5832

#1	.0000045	.0000783	.0167994	.0002329	.0003826	-.009944	-.045932
#2	.0000408	-.000010	-.015890	-.000005	-.000176	-.008546	.013488
#3	.0000185	.000033	.000613	.000206	.000165	-.000961	-.022828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000731	-.040903	.0003706	-.000297	-.016017	.0030144	-.006956
Stddev	.002186	.022322	.0002784	.000174	.142198	.0044865	.007446
%RSD	298.9171	54.57352	75.12678	58.51375	887.7845	148.8337	107.0436

#1	.001330	-.015828	.0001759	-.000225	-.092890	.0017022	-.003418
#2	-.000501	-.048274	.0002464	-.000171	-.103232	-.000670	-.001938
#3	-.003024	-.058608	.0006895	-.000495	.148070	.008011	-.015511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405251	.0016535	-.000927	.0001132	-.002965	-.006666	-.001360
Stddev	.0323968	.0012119	.001603	.0000207	.004684	.001810	.000354
%RSD	79.94246	73.29123	173.0099	18.25542	157.9941	27.15035	26.04568

#1	.0763563	.0015308	.000192	.0001115	.002109	-.006386	-.000996
#2	.0133011	.0029220	-.000208	.0000934	-.007124	-.005012	-.001380
#3	.0319180	.0005076	-.002763	.0001346	-.003879	-.008599	-.001704

Sample Name: CCB008 Acquired: 11/15/2018 16:30:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001226	-.000833	-.000035
Stddev	.001459	.001495	.000098
%RSD	119.0133	179.3910	279.7625

#1	.000339	-.002141	-.000105
#2	-.002548	-.001155	-.000077
#3	-.001468	.000796	.000077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.788	2323.564	47111.03	4167.587	3566.060
Stddev	58.056	1.811	905.39	7.662	4.763
%RSD	2.668293	.0779229	1.921823	.1838584	.1335519

#1	2148.020	2321.700	46629.09	4158.750	3560.562
#2	2136.830	2325.315	46548.54	4172.390	3568.710
#3	2242.514	2323.678	48155.45	4171.620	3568.909

Sample Name: J5870-21 Acquired: 11/15/2018 16:34:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0535 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446667	-.001158	.3018894	-.025772	.0031880	113.7341	2.014572
Stddev	.0012257	.000745	.0037618	.000852	.0025147	.8482	.046044
%RSD	2.744134	64.32570	1.246094	3.304638	78.88123	.7457718	2.285540

#1	.0457227	-.000423	.3042149	-.024808	.0059197	114.2998	2.054188
#2	.0433226	-.001139	.2975493	-.026087	.0026749	114.1437	2.025472
#3	.0449546	-.001913	.3039040	-.026422	.0009694	112.7588	1.964056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091133	.0018286	50.33913	.1428418	.1159367	.1701862	184.2480
Stddev	.0001497	.0002513	1.18142	.0008958	.0004049	.0028107	3.8639
%RSD	1.642457	13.74345	2.346926	.6271284	.3491987	1.651568	2.097096

#1	.0092766	.0015853	51.28753	.1431078	.1163120	.1724090	186.8620
#2	.0090806	.0018134	50.71414	.1418432	.1155076	.1670267	186.0721
#3	.0089827	.0020872	49.01572	.1435745	.1159903	.1711228	179.8097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.729862	29.00427	.1493801	-.001053	1.665285	.3377441	.5086263
Stddev	.164334	.55947	.0008146	.000483	.194880	.0032444	.0141172
%RSD	2.441863	1.928916	.5453275	45.81830	11.70252	.9606027	2.775561

#1	6.848556	29.39423	.1484406	-.001328	1.887341	.3409611	.5005611
#2	6.798731	29.25533	.1498898	-.000496	1.585828	.3377982	.5249272
#3	6.542298	28.36325	.1498099	-.001336	1.522686	.3344731	.5003907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.03846	13.33395	.1141384	.0021074	2.051710	7.285636	.0093339
Stddev	.15903	.00830	.0082640	.0002812	.003845	.102892	.0013027
%RSD	.5476614	.0622825	7.240295	13.34174	.1873920	1.412260	13.95697

#1	29.20236	13.33247	.1198725	.0018805	2.049850	7.402753	.0088136
#2	28.88479	13.32648	.1178769	.0024220	2.049150	7.244385	.0083717
#3	29.02821	13.34289	.1046658	.0020198	2.056131	7.209770	.0108164

Sample Name: J5870-21 Acquired: 11/15/2018 16:34:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0535 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.035282	.1368275	.4095549
Stddev	.050367	.0033639	.0019803
%RSD	1.000282	2.458506	.4835242

#1	5.068160	.1397142	.4092288
#2	5.060390	.1376350	.4077578
#3	4.977297	.1331334	.4116780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.652	2792.177	55737.51	5111.307	3410.046
Stddev	33.269	4.743	148.52	50.553	3.200
%RSD	1.314105	.1698616	.2664712	.9890460	.0938390

#1	2566.998	2789.070	55861.06	5060.629	3412.944
#2	2500.949	2789.824	55778.76	5111.555	3410.582
#3	2527.010	2797.636	55572.72	5161.735	3406.611

Sample Name: J5870-22 Acquired: 11/15/2018 16:38:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0544 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403770	-.001866	.2813565	-.022803	.0048147	118.0446	1.767516
Stddev	.0001115	.003400	.0066296	.001833	.0013315	.2453	.003892
%RSD	.2761514	182.2463	2.356294	8.037104	27.65422	.2078224	.2201889

#1	.0404729	-.005280	.2807973	-.023247	.0063515	117.7613	1.766060
#2	.0402547	.001521	.2882479	-.020790	.0040830	118.1899	1.771926
#3	.0404035	-.001839	.2750241	-.024374	.0040095	118.1826	1.764561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095370	.0015765	49.87186	.1410632	.1125541	.1753421	199.3277
Stddev	.0000630	.0001125	.12003	.0009153	.0003848	.0034621	1.1698
%RSD	.6603885	7.137637	.2406838	.6488763	.3418501	1.974463	.5868918

#1	.0095634	.0016715	49.76078	.1421005	.1122982	.1720774	198.0347
#2	.0095824	.0014522	49.99919	.1403689	.1123674	.1749764	200.3128
#3	.0094651	.0016059	49.85560	.1407203	.1129966	.1789725	199.6355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.126862	29.25679	.1415512	-.000158	1.756679	.3817688	.5862348
Stddev	.031880	.11145	.0004228	.000506	.250234	.0051663	.0169495
%RSD	.5203252	.3809539	.2986962	319.6057	14.24472	1.353242	2.891251

#1	6.090190	29.15575	.1418156	-.000677	1.807244	.3873383	.6053894
#2	6.142431	29.23828	.1410636	.000333	1.977768	.3808351	.5731772
#3	6.147965	29.37634	.1417745	-.000131	1.485024	.3771331	.5801379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.06045	12.42111	.1341151	.0017894	2.124087	15.31434	.0134714
Stddev	.03621	.06311	.0051691	.0001130	.009909	.07739	.0005858
%RSD	.1204472	.5080710	3.854224	6.315699	.4664842	.5053674	4.348785

#1	30.08931	12.40685	.1287442	.0018999	2.134025	15.39736	.0131353
#2	30.07222	12.36635	.1345457	.0017942	2.114209	15.30145	.0141479
#3	30.01982	12.49013	.1390555	.0016741	2.124027	15.24419	.0131311

Sample Name: J5870-22 Acquired: 11/15/2018 16:38:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0544 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.383654	.1296107	.3992551
Stddev	.005337	.0007612	.0026192
%RSD	.0836004	.5872848	.6560160

#1	6.378229	.1301495	.4021450
#2	6.383837	.1287399	.3970379
#3	6.388897	.1299427	.3985823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.656	2781.780	55175.33	5046.163	3401.595
Stddev	11.499	3.957	476.35	28.937	6.427
%RSD	.4646613	.1422457	.8633331	.5734507	.1889524

#1	2461.817	2778.111	54707.00	5012.789	3395.548
#2	2484.006	2781.255	55659.31	5061.429	3400.892
#3	2478.144	2785.973	55159.68	5064.270	3408.345

Sample Name: J5871-01 Acquired: 11/15/2018 16:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473792	.0031001	.3072077	-.019259	.0042229	126.0014	1.643494
Stddev	.0051584	.0019234	.0016883	.004875	.0011274	.6370	.025495
%RSD	10.88747	62.04296	.5495502	25.31369	26.69618	.5055198	1.551257

#1	.0440298	.0032256	.3073378	-.021534	.0049533	126.5882	1.672385
#2	.0533195	.0049577	.3054582	-.022580	.0047910	125.3240	1.624153
#3	.0447883	.0011170	.3088272	-.013662	.0029246	126.0921	1.633943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088053	.0030991	104.3071	.1261506	.0916526	.1676468	145.7641
Stddev	.0000275	.0001050	1.2024	.0002667	.0002139	.0022350	1.1195
%RSD	.3117346	3.388932	1.152750	.2114282	.2334005	1.333133	.7680374

#1	.0088360	.0030019	105.6533	.1259467	.0917418	.1702274	146.8862
#2	.0087966	.0032105	103.3396	.1264524	.0918076	.1663350	144.6472
#3	.0087832	.0030848	103.9285	.1260526	.0914086	.1663781	145.7588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.039261	35.71700	.1532362	-.000251	1.410213	.1923194	.5681463
Stddev	.064906	.30394	.0005686	.000101	.084925	.0038965	.0110159
%RSD	1.074740	.8509753	.3710835	40.28365	6.022150	2.026049	1.938914

#1	6.106972	36.06795	.1526513	-.000267	1.317150	.1916146	.5554916
#2	5.977580	35.53934	.1532704	-.000143	1.483516	.1888235	.5733589
#3	6.033232	35.54370	.1537871	-.000344	1.429973	.1965202	.5755885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.37238	5.069544	.1063965	.0023233	2.559467	6.195481	.0027781
Stddev	.32636	.013192	.0012639	.0000917	.005220	.067818	.0001954
%RSD	1.074521	.2602230	1.187905	3.948031	.2039394	1.094643	7.034009

#1	30.73001	5.054394	.1078513	.0024196	2.565415	6.270772	.0028480
#2	30.09068	5.078496	.1057698	.0023133	2.557336	6.139185	.0029290
#3	30.29645	5.075742	.1055684	.0022370	2.555650	6.176487	.0025574

Sample Name: J5871-01 Acquired: 11/15/2018 16:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.427626	.1359426	.2826657
Stddev	.010686	.0041920	.0002174
%RSD	.7485086	3.083659	.0769018

#1	1.438376	.1406303	.2824876
#2	1.417005	.1325537	.2829079
#3	1.427496	.1346439	.2826014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.202	2585.033	52064.88	4754.597	3261.028
Stddev	4.284	2.558	79.42	51.601	6.035
%RSD	.1806572	.0989566	.1525416	1.085288	.1850557

#1	2372.901	2582.352	52148.09	4698.542	3254.974
#2	2374.376	2585.300	51989.89	4800.120	3267.043
#3	2366.330	2587.447	52056.66	4765.128	3261.067

Sample Name: J5871-02 Acquired: 11/15/2018 16:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330489	.0023795	.1917283	-.016084	.0040596	116.7780	1.319781
Stddev	.0006423	.0003255	.0020011	.003713	.0003741	.4365	.011025
%RSD	1.943515	13.67711	1.043703	23.08260	9.213867	.3738079	.8353407

#1	.0324219	.0027523	.1894444	-.013345	.0039510	117.2623	1.332453
#2	.0330193	.0021518	.1931740	-.020310	.0044760	116.4148	1.314504
#3	.0337055	.0022345	.1925664	-.014598	.0037519	116.6569	1.312387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076472	.0008299	46.00596	.1295059	.0753278	.1324932	140.0020
Stddev	.0001096	.0000885	.38319	.0002182	.0001456	.0005057	1.0661
%RSD	1.432886	10.65945	.8329036	.1685263	.1932399	.3816974	.7615027

#1	.0075373	.0007408	46.39113	.1292890	.0751621	.1326045	140.9067
#2	.0076480	.0009177	46.00196	.1295031	.0753864	.1319411	140.2727
#3	.0077564	.0008311	45.62479	.1297254	.0754350	.1329340	138.8267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.660128	41.93632	.1235534	-.000402	1.299271	.1921661	.4151099
Stddev	.036111	.39893	.0003230	.000448	.112949	.0042263	.0096357
%RSD	.9866167	.9512708	.2614156	111.6351	8.693257	2.199267	2.321239

#1	3.689466	42.27343	.1232206	-.000389	1.342298	.1926398	.4256361
#2	3.671121	42.03963	.1235741	.000040	1.171132	.1961356	.4067249
#3	3.619798	41.49590	.1238656	-.000857	1.384383	.1877230	.4129686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.93347	5.373590	.1140298	.0007694	1.585905	12.22222	.0041718
Stddev	.06480	.005671	.0022797	.0000309	.011345	.01989	.0010929
%RSD	.2498778	.1055412	1.999250	4.021419	.7153934	.1626961	26.19628

#1	25.92479	5.380138	.1164762	.0008016	1.595817	12.23680	.0047980
#2	25.87345	5.370235	.1136483	.0007399	1.573530	12.19957	.0048075
#3	26.00218	5.370397	.1119648	.0007667	1.588368	12.23029	.0029099

Sample Name: J5871-02 Acquired: 11/15/2018 16:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.651847	.1069408	.3506134
Stddev	.010494	.0007123	.0005204
%RSD	.6352783	.6660494	.1484250

#1	1.663916	.1076790	.3507616
#2	1.646748	.1062576	.3500350
#3	1.644876	.1068857	.3510436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.434	2643.953	52546.95	4810.984	3414.664
Stddev	15.847	4.367	10.89	22.006	8.198
%RSD	.6685451	.1651749	.0207326	.4574113	.2400768

#1	2354.308	2639.693	52536.86	4785.937	3405.231
#2	2371.006	2643.746	52545.49	4827.214	3418.696
#3	2385.988	2648.420	52558.50	4819.802	3420.065

Sample Name: J5871-03 Acquired: 11/15/2018 16:50:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517012	.0039738	.3166228	-.018524	.0047153	110.2707	1.446301
Stddev	.0035751	.0011473	.0045727	.000745	.0012634	.4457	.008253
%RSD	6.914926	28.87214	1.444198	4.020131	26.79318	.4041774	.5705959

#1	.0554715	.0052065	.3217184	-.019232	.0050210	109.9045	1.437985
#2	.0483601	.0029371	.3128770	-.017748	.0033271	110.7669	1.454489
#3	.0512718	.0037777	.3152729	-.018591	.0057977	110.1407	1.446429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075453	.0023231	90.88989	.1107124	.0719071	.1583621	129.2198
Stddev	.0001888	.0001163	.53195	.0000174	.0002224	.0072289	1.0136
%RSD	2.502673	5.005624	.5852687	.0157312	.3093083	4.564793	.7844091

#1	.0076696	.0023186	90.28085	.1107181	.0718754	.1528623	128.0760
#2	.0073280	.0022092	91.12529	.1107263	.0717023	.1665499	130.0066
#3	.0076382	.0024416	91.26352	.1106929	.0721437	.1556740	129.5769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.492013	41.30934	.1248689	-.000223	1.155335	.1871656	.5019393
Stddev	.038586	.32138	.0005815	.000251	.192583	.0082882	.0135484
%RSD	.8589948	.7779786	.4656756	112.6825	16.66898	4.428295	2.699213

#1	4.449193	41.05076	.1248553	-.000220	.943948	.1899369	.4905090
#2	4.524088	41.66914	.1242943	.000027	1.320818	.1937131	.5169049
#3	4.502758	41.20812	.1254570	-.000476	1.201239	.1778468	.4984040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.45204	6.607615	.1129660	.0016693	2.263640	2.550573	.0036677
Stddev	.12564	.023602	.0044460	.0001148	.005883	.033892	.0004688
%RSD	.4576667	.3571952	3.935693	6.876582	.2599068	1.328787	12.78313

#1	27.40907	6.629897	.1083914	.0017940	2.268595	2.550174	.0041180
#2	27.35353	6.610066	.1172711	.0016461	2.265186	2.516882	.0031823
#3	27.59353	6.582884	.1132355	.0015679	2.257137	2.584662	.0037029

Sample Name: J5871-03 Acquired: 11/15/2018 16:50:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.353739	.1218385	.4025981
Stddev	.007249	.0009676	.0010857
%RSD	.5354698	.7941356	.2696613

#1	1.345748	.1207494	.4032748
#2	1.359892	.1221672	.4013459
#3	1.355579	.1225989	.4031737

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.761	2542.832	50657.36	4635.592	3308.865
Stddev	26.857	7.145	236.66	29.905	10.934
%RSD	1.170342	.2809790	.4671855	.6451074	.3304322

#1	2307.713	2534.764	50838.58	4642.255	3296.490
#2	2263.883	2548.359	50389.61	4661.604	3317.216
#3	2312.687	2545.372	50743.88	4602.918	3312.890

Sample Name: J5871-04 Acquired: 11/15/2018 16:54:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395090	.0014165	.1546525	-.015524	.0053172	125.3512	1.376504
Stddev	.0018003	.0014509	.0010084	.001462	.0012169	.2549	.007170
%RSD	4.556639	102.4299	.6520117	9.420632	22.88689	.2033823	.5209088

#1	.0415850	.0004387	.1552873	-.016921	.0057653	125.1644	1.368366
#2	.0385646	.0030836	.1551804	-.014004	.0039397	125.2476	1.379255
#3	.0383775	.0007273	.1534898	-.015647	.0062465	125.6417	1.381892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084584	.0003684	49.79816	.1215942	.0735227	.1247576	137.9847
Stddev	.0000631	.0000068	.26067	.0006579	.0001996	.0018341	.6232
%RSD	.7458773	1.854124	.5234506	.5410414	.2714830	1.470104	.4516770

#1	.0084858	.0003607	49.54165	.1221902	.0737482	.1228067	137.6473
#2	.0085031	.0003738	49.79003	.1217042	.0733688	.1264467	137.6029
#3	.0083862	.0003706	50.06280	.1208883	.0734509	.1250193	138.7039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.736872	42.68571	.1397498	-.001085	1.453537	.1906587	.3873528
Stddev	.022594	.03034	.0002269	.000272	.205330	.0051183	.0157821
%RSD	.6046295	.0710836	.1623401	25.10052	14.12626	2.684546	4.074342

#1	3.714983	42.67488	.1395592	-.001200	1.309806	.1884698	.3727507
#2	3.735523	42.71998	.1400007	-.001282	1.688701	.1965075	.3852114
#3	3.760111	42.66226	.1396893	-.000774	1.362102	.1869988	.4040962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.62568	4.823782	.1018723	.0012218	1.616406	2.078647	.0025406
Stddev	.05452	.013738	.0013861	.0000712	.004704	.010799	.0011220
%RSD	.2127733	.2848009	1.360577	5.832166	.2910315	.5195210	44.16311

#1	25.56473	4.808267	.1002754	.0012744	1.612496	2.090592	.0017918
#2	25.66980	4.828675	.1027642	.0011407	1.615094	2.075772	.0019994
#3	25.64252	4.834404	.1025771	.0012503	1.621626	2.069576	.0038307

Sample Name: J5871-04 Acquired: 11/15/2018 16:54:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.091571	.1261323	.3371321
Stddev	.003952	.0013335	.0018054
%RSD	.3620679	1.057197	.5355227

#1	1.091613	.1252697	.3387637
#2	1.087598	.1276682	.3374401
#3	1.095502	.1254590	.3351925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.547	2582.070	51114.57	4690.816	3306.748
Stddev	21.820	1.772	321.47	24.734	5.796
%RSD	.9460016	.0686349	.6289127	.5272906	.1752630

#1	2309.694	2580.944	51034.00	4684.472	3300.064
#2	2283.325	2581.153	50841.05	4669.872	3309.805
#3	2326.623	2584.113	51468.66	4718.105	3310.375

Sample Name: J5871-05 Acquired: 11/15/2018 16:58:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0107 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475551	.0034352	.3166732	-.015879	.0037728	120.0020	1.302074
Stddev	.0014750	.0012728	.0013741	.001907	.0008849	.4336	.007155
%RSD	3.101552	37.05305	.4339302	12.01027	23.45513	.3613156	.5495071

#1	.0492435	.0025155	.3182196	-.016054	.0044076	120.0531	1.294761
#2	.0469037	.0029022	.3155922	-.013890	.0041489	119.5451	1.302401
#3	.0465179	.0048879	.3162077	-.017692	.0027620	120.4077	1.309060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076426	.0026328	34.65258	.1103857	.0746726	.1631988	131.6709
Stddev	.0000625	.0000888	.17096	.0003161	.0004491	.0009344	.4406
%RSD	.8175409	3.373971	.4933666	.2863398	.6014799	.5725664	.3346490

#1	.0076408	.0025859	34.55514	.1100207	.0741540	.1638995	131.7237
#2	.0075810	.0025772	34.55262	.1105743	.0749346	.1621379	131.2061
#3	.0077059	.0027352	34.84999	.1105619	.0749293	.1635592	132.0827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.074967	33.57033	.1197457	.0000137	1.143659	.1681211	.5175201
Stddev	.009685	.23189	.0004354	.0001466	.169928	.0071531	.0140459
%RSD	.2376752	.6907441	.3636224	1067.080	14.85826	4.254763	2.714075

#1	4.084400	33.78307	.1192829	.0000045	1.052249	.1691529	.5333986
#2	4.065048	33.60477	.1198068	.0001648	1.039002	.1605081	.5067187
#3	4.075454	33.32315	.1201473	-.000128	1.339725	.1747024	.5124431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.09521	4.323346	.0979634	.0037265	1.868440	1.906474	.0041614
Stddev	.14542	.012572	.0006259	.0004112	.008857	.014355	.0002384
%RSD	.5176120	.2907898	.6388973	11.03365	.4740194	.7529442	5.729109

#1	28.10126	4.311588	.0984426	.0041607	1.858296	1.908325	.0040050
#2	27.94686	4.336598	.0981923	.0033430	1.872390	1.891284	.0040435
#3	28.23752	4.321851	.0972553	.0036759	1.874634	1.919814	.0044358

Sample Name: J5871-05 Acquired: 11/15/2018 16:58:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0107 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.337930	.1158265	.3163424
Stddev	.007574	.0026105	.0010512
%RSD	.5660872	2.253799	.3322861

#1	1.336006	.1144359	.3175163
#2	1.331505	.1188380	.3160229
#3	1.346281	.1142058	.3154881

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.486	2664.246	52864.84	4840.262	3457.151
Stddev	21.540	3.096	297.22	8.589	4.277
%RSD	.9003346	.1162072	.5622340	.1774499	.1237048

#1	2397.775	2664.083	52563.36	4831.745	3455.892
#2	2368.794	2667.421	52873.55	4848.921	3461.917
#3	2410.889	2661.235	53157.62	4840.120	3453.646

Sample Name: J5871-06 Acquired: 11/15/2018 17:02:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459606	.0042785	.2138904	-.014186	.0058481	132.3828	1.329417
Stddev	.0021084	.0007027	.0020067	.001620	.0012535	1.1014	.017846
%RSD	4.587442	16.42292	.9382092	11.41827	21.43424	.8319641	1.342398

#1	.0443424	.0050898	.2121226	-.013687	.0046728	133.0219	1.341078
#2	.0483450	.0038672	.2134769	-.015996	.0057041	133.0155	1.338301
#3	.0451945	.0038784	.2160717	-.012873	.0071673	131.1111	1.308873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083812	.0011748	33.30376	.1138912	.0762619	.1435077	139.9859
Stddev	.0001140	.0001235	.42470	.0006176	.0003024	.0021531	1.6109
%RSD	1.360489	10.51484	1.275234	.5422959	.3964617	1.500303	1.150742

#1	.0084865	.0011167	33.57654	.1136021	.0762227	.1444635	140.4455
#2	.0083971	.0010910	33.52031	.1134711	.0759811	.1450174	141.3170
#3	.0082601	.0013167	32.81444	.1146003	.0765819	.1410422	138.1951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.494156	38.45294	.1334280	-.000617	1.186009	.1851109	.4387861
Stddev	.061211	.39055	.0002780	.000227	.173075	.0057116	.0120667
%RSD	1.362012	1.015669	.2083801	36.72544	14.59303	3.085517	2.750010

#1	4.532653	38.71473	.1331105	-.000463	.987874	.1888970	.4317490
#2	4.526242	38.64006	.1336278	-.000511	1.307699	.1878945	.4527193
#3	4.423573	38.00403	.1335458	-.000878	1.262453	.1785411	.4318902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.56551	3.691299	.1077419	.0016346	1.467724	2.753081	.0042806
Stddev	.11492	.011976	.0054337	.0002114	.008338	.007113	.0008827
%RSD	.4169065	.3244283	5.043286	12.93424	.5681095	.2583670	20.62144

#1	27.68780	3.681299	.1101207	.0014368	1.473084	2.756581	.0035333
#2	27.54898	3.704570	.1115805	.0016096	1.458117	2.757765	.0052545
#3	27.45975	3.688026	.1015244	.0018574	1.471970	2.744896	.0040538

Sample Name: J5871-06 Acquired: 11/15/2018 17:02:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0108 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.292116	.1274508	.3273905
Stddev	.009638	.0012709	.0005395
%RSD	.7458802	.9972021	.1647921

#1	1.295587	.1287309	.3271985
#2	1.299538	.1274325	.3279997
#3	1.281224	.1261892	.3269732

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.503	2686.300	53182.23	4888.807	3461.956
Stddev	8.916	3.509	253.18	14.584	5.446
%RSD	.3709519	.1306159	.4760647	.2983137	.1573119

#1	2396.798	2688.967	53261.05	4877.652	3467.385
#2	2413.621	2687.609	53386.63	4905.310	3456.494
#3	2400.090	2682.325	52899.02	4883.459	3461.988

Sample Name: J5871-07 Acquired: 11/15/2018 17:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0133 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396555	.0022936	.2506024	-.012880	.0026170	93.54016	1.161663
Stddev	.0036282	.0007892	.0009543	.003777	.0003956	.42541	.009235
%RSD	9.149377	34.40767	.3807967	29.32598	15.11788	.4547895	.7950047

#1	.0394654	.0031264	.2497504	-.011184	.0021602	93.85725	1.170052
#2	.0433750	.0015569	.2516336	-.010248	.0028391	93.70651	1.163171
#3	.0361261	.0021976	.2504231	-.017208	.0028516	93.05671	1.151767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063062	.0022084	27.87679	.0943830	.0666500	.1400697	110.0310
Stddev	.0000612	.0000626	.18767	.0010758	.0004447	.0032669	.7745
%RSD	.9711530	2.834767	.6732072	1.139835	.6672839	2.332310	.7038932

#1	.0062435	.0021400	28.02634	.0934699	.0662860	.1403185	110.7502
#2	.0063091	.0022225	27.93784	.0955689	.0671457	.1366856	110.1319
#3	.0063659	.0022628	27.66620	.0941101	.0665182	.1432051	109.2110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.396609	26.36410	.1041387	-.000225	1.068629	.1438944	.4026735
Stddev	.034198	.17455	.0005680	.000480	.326933	.0054747	.0171210
%RSD	.7778365	.6620575	.5453919	213.0237	30.59366	3.804647	4.251828

#1	4.417567	26.56333	.1034829	-.000137	.691204	.1500895	.4164059
#2	4.415114	26.29089	.1044736	.000204	1.264275	.1397071	.3834909
#3	4.357145	26.23808	.1044596	-.000744	1.250407	.1418867	.4081237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.56537	4.274321	.0806367	.0017583	1.437759	1.742626	.0026438
Stddev	.03786	.012370	.0029076	.0001360	.006972	.016041	.0017170
%RSD	.1606420	.2894100	3.605742	7.737480	.4849300	.9204832	64.94495

#1	23.57807	4.261833	.0833530	.0016098	1.440903	1.729140	.0006922
#2	23.59524	4.286570	.0809873	.0017878	1.429768	1.738374	.0039224
#3	23.52279	4.274559	.0775697	.0018771	1.442605	1.760364	.0033168

Sample Name: J5871-07 Acquired: 11/15/2018 17:06:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0133 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.242113	.0919096	.2602575
Stddev	.008078	.0011973	.0005828
%RSD	.6503204	1.302715	.2239448

#1	1.250831	.0932011	.2601225
#2	1.240626	.0908366	.2597540
#3	1.234882	.0916910	.2608960

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.809	2712.976	53725.67	4895.909	3582.788
Stddev	8.601	4.951	40.10	25.733	9.472
%RSD	.3535255	.1824853	.0746459	.5255947	.2643889

#1	2423.690	2718.251	53704.51	4908.034	3592.134
#2	2440.775	2712.246	53700.57	4913.339	3583.036
#3	2433.963	2708.431	53771.92	4866.354	3573.194

Sample Name: J5871-08 Acquired: 11/15/2018 17:10:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0134 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489097	.0054608	.2479852	-.015075	.0038959	102.5284	1.218192
Stddev	.0015075	.0037166	.0010283	.002116	.0010608	.8821	.011748
%RSD	3.082225	68.05858	.4146435	14.03762	27.22837	.8603346	.9643768

#1	.0475260	.0019951	.2488082	-.017186	.0026991	101.5216	1.205296
#2	.0505162	.0050018	.2468325	-.012954	.0047203	102.8986	1.228285
#3	.0486869	.0093856	.2483148	-.015085	.0042684	103.1651	1.220994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069502	.0026083	26.30347	.1020807	.0786581	.1503939	122.2266
Stddev	.0001028	.0000600	.31664	.0010626	.0002991	.0065897	2.4618
%RSD	1.479261	2.302077	1.203784	1.040973	.3802396	4.381645	2.014096

#1	.0070674	.0026300	25.93792	.1028430	.0783308	.1428905	119.3857
#2	.0069079	.0026544	26.49237	.1025322	.0789173	.1552407	123.5612
#3	.0068752	.0025404	26.48012	.1008668	.0787262	.1530504	123.7328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050553	28.03125	.1138826	-.000726	1.271031	.1743310	.4432183
Stddev	.109089	.62665	.0008711	.000767	.298865	.0081971	.0088853
%RSD	2.159944	2.235534	.7648754	105.6435	23.51356	4.702023	2.004731

#1	4.924589	27.30781	.1129758	-.001602	1.335455	.1653647	.4334049
#2	5.113169	28.38005	.1147128	-.000180	1.532430	.1814403	.4507176
#3	5.113901	28.40588	.1139592	-.000395	.945208	.1761879	.4455325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.43699	3.614836	.0906531	.0020083	1.346845	2.250708	.0037230
Stddev	.04727	.009047	.0070066	.0002391	.003147	.034891	.0009998
%RSD	.2204995	.2502840	7.729035	11.90429	.2336504	1.550219	26.85570

#1	21.44812	3.605450	.0829120	.0019492	1.343671	2.290732	.0031618
#2	21.47770	3.615555	.0924867	.0022714	1.346900	2.234692	.0048773
#3	21.38515	3.623502	.0965606	.0018044	1.349964	2.226701	.0031298

Sample Name: J5871-08 Acquired: 11/15/2018 17:10:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0134 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.511689	.0989373	.2920301
Stddev	.019738	.0009980	.0007438
%RSD	1.305725	1.008774	.2546970

#1	1.489433	.0993572	.2928201
#2	1.518563	.0996568	.2913433
#3	1.527072	.0977979	.2919268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.965	2691.777	53075.25	4890.096	3473.298
Stddev	15.259	6.073	245.14	50.299	7.230
%RSD	.6339542	.2256192	.4618816	1.028581	.2081621

#1	2419.826	2685.406	53321.89	4832.941	3467.640
#2	2410.964	2692.424	53072.23	4927.614	3470.812
#3	2390.105	2697.500	52831.63	4909.733	3481.444

Sample Name: J5871-09 Acquired: 11/15/2018 17:14:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0159 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535827	.0066788	.3620688	-.016147	.0037218	99.33401	1.391348
Stddev	.0019096	.0013169	.0004531	.000640	.0005560	.66729	.014297
%RSD	3.563902	19.71759	.1251439	3.960852	14.93807	.6717631	1.027575

#1	.0543688	.0060899	.3625721	-.016578	.0037771	98.62017	1.376459
#2	.0549739	.0057591	.3619410	-.015412	.0031402	99.94212	1.404969
#3	.0514055	.0081874	.3616933	-.016451	.0042480	99.43975	1.392615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069706	.0043589	30.67717	.1016346	.0863395	.1778534	124.6375
Stddev	.0000785	.0001402	.37940	.0004012	.0002259	.0034243	1.6275
%RSD	1.126538	3.216933	1.236752	.3947566	.2616062	1.925343	1.305819

#1	.0068960	.0044793	30.31565	.1012788	.0861611	.1745819	123.0134
#2	.0069631	.0042049	31.07222	.1020695	.0862640	.1814124	126.2685
#3	.0070525	.0043925	30.64363	.1015556	.0865935	.1775660	124.6305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.122215	26.82122	.1133295	-.000336	1.409491	.1875149	.5465631
Stddev	.086878	.42172	.0004474	.000127	.094652	.0043186	.0071973
%RSD	1.419054	1.572345	.3947588	37.77200	6.715332	2.303094	1.316828

#1	6.032257	26.48458	.1132399	-.000443	1.498840	.1827871	.5478308
#2	6.205644	27.29426	.1129336	-.000370	1.310304	.1912523	.5388162
#3	6.128743	26.68482	.1138148	-.000196	1.419329	.1885052	.5530423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.02297	5.124207	.0955219	.0025694	1.707160	1.681011	.0035952
Stddev	.06936	.020450	.0049360	.0003350	.005770	.001900	.0004272
%RSD	.2887416	.3990956	5.167370	13.04034	.3380094	.1130411	11.88302

#1	23.98372	5.129357	.0902387	.0024485	1.713466	1.679711	.0038798
#2	23.98212	5.101674	.1000154	.0023115	1.702143	1.683192	.0038019
#3	24.10306	5.141591	.0963118	.0029481	1.705873	1.680130	.0031040

Sample Name: J5871-09 Acquired: 11/15/2018 17:14:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0159 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.529766	.1005050	.2971188
Stddev	.010995	.0019525	.0007153
%RSD	.7187476	1.942658	.2407598

#1	1.522468	.0987090	.2978547
#2	1.542412	.1002228	.2970756
#3	1.524417	.1025832	.2964259

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.180	2756.641	54468.69	5040.092	3557.323
Stddev	6.755	4.370	156.25	21.642	4.382
%RSD	.2762628	.1585307	.2868685	.4294063	.1231814

#1	2450.833	2759.026	54576.03	5045.982	3558.483
#2	2437.699	2759.299	54289.42	5016.114	3561.009
#3	2447.009	2751.597	54540.60	5058.180	3552.478

Sample Name: J5871-10 Acquired: 11/15/2018 17:18:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454637	.0054375	.2924203	-.017490	.0047323	122.0389	1.526935
Stddev	.0009650	.0013036	.0014619	.001167	.0011134	.2732	.013502
%RSD	2.122518	23.97376	.4999126	6.669543	23.52787	.2238276	.8842798

#1	.0459619	.0041135	.2934601	-.018508	.0058708	122.2545	1.535847
#2	.0460778	.0054793	.2907488	-.017746	.0036457	121.7317	1.511400
#3	.0443515	.0067196	.2930519	-.016217	.0046805	122.1305	1.533558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080968	.0048395	33.15446	.1226713	.0950556	.2132399	144.8558
Stddev	.0000336	.0001188	.24997	.0018483	.0000777	.0047659	.6056
%RSD	.4153909	2.454362	.7539471	1.506697	.0817287	2.235003	.4180655

#1	.0080973	.0047354	33.29340	.1238144	.0951268	.2178971	145.3990
#2	.0081302	.0048143	32.86589	.1236606	.0950673	.2083723	144.2028
#3	.0080629	.0049689	33.30409	.1205390	.0949728	.2134504	144.9655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.401984	31.81614	.1409338	-.000797	1.589844	.1959013	.5890377
Stddev	.032316	.29185	.0005906	.000092	.247330	.0013779	.0146565
%RSD	.5047786	.9172884	.4190440	11.56951	15.55688	.7033812	2.488218

#1	6.415574	31.93704	.1402633	-.000691	1.712831	.1943194	.5854992
#2	6.365092	31.48328	.1411611	-.000857	1.751572	.1968397	.5764744
#3	6.425285	32.02811	.1413769	-.000844	1.305129	.1965449	.6051396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.40580	5.857811	.1154928	.0022422	1.993305	2.313325	.0043994
Stddev	.07744	.006044	.0040180	.0002584	.003877	.012728	.0012808
%RSD	.2389658	.1031761	3.478986	11.52484	.1945263	.5502233	29.11213

#1	32.31928	5.851306	.1185669	.0023921	1.996228	2.313122	.0042934
#2	32.46860	5.858874	.1109464	.0019438	1.988906	2.326154	.0057299
#3	32.42954	5.863252	.1169652	.0023906	1.994780	2.300699	.0031750

Sample Name: J5871-10 Acquired: 11/15/2018 17:18:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0160 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.209676	.1278296	.3319185
Stddev	.005890	.0011760	.0008052
%RSD	.2665707	.9199437	.2425927

#1	2.211391	.1274052	.3310818
#2	2.203118	.1269248	.3326880
#3	2.214518	.1291589	.3319859

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.271	2713.229	54101.44	4930.926	3394.429
Stddev	16.135	8.388	60.31	7.569	9.440
%RSD	.6579605	.3091394	.1114775	.1535087	.2780992

#1	2461.759	2703.826	54112.35	4939.024	3384.829
#2	2461.414	2719.941	54155.54	4924.029	3403.700
#3	2433.641	2715.920	54036.41	4929.726	3394.758

Sample Name: J5871-11 Acquired: 11/15/2018 17:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0185 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427878	.0049393	.2860248	-.012874	.0043233	105.5140	1.673601
Stddev	.0027551	.0025459	.0013731	.002775	.0016298	.6808	.023512
%RSD	6.438904	51.54509	.4800761	21.55286	37.69715	.6451800	1.404902

#1	.0452791	.0075034	.2845558	-.013700	.0037592	105.6051	1.674136
#2	.0432554	.0049026	.2872762	-.009780	.0061602	104.7923	1.649825
#3	.0398288	.0024119	.2862423	-.015141	.0030506	106.1447	1.696841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070450	.0038225	64.01934	.1061072	.1115457	.1722229	136.5440
Stddev	.0000970	.0001099	.86436	.0003159	.0000799	.0050349	1.5191
%RSD	1.376339	2.874481	1.350152	.2977399	.0716341	2.923483	1.112549

#1	.0069777	.0037537	63.91330	.1057583	.1114535	.1748273	136.8254
#2	.0070011	.0039493	63.21290	.1063740	.1115907	.1664192	134.9038
#3	.0071562	.0037647	64.93183	.1061893	.1115930	.1754222	137.9027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.816890	28.55165	.1440832	-.000650	15.00060	.2064524	.5707229
Stddev	.096909	.39803	.0006090	.000345	.38322	.0010945	.0061879
%RSD	1.239732	1.394076	.4226958	53.11032	2.554714	.5301350	1.084229

#1	7.823470	28.66301	.1442271	-.000319	14.76437	.2052434	.5760882
#2	7.716859	28.10980	.1446075	-.001008	14.79467	.2067380	.5721270
#3	7.910341	28.88215	.1434152	-.000624	15.44276	.2073757	.5639536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.03030	7.216502	.1073644	.0017356	1.823312	2.204996	.0034878
Stddev	.24112	.014032	.0022737	.0001905	.003738	.030865	.0013067
%RSD	.9263066	.1944483	2.117769	10.97598	.2050183	1.399791	37.46435

#1	25.81247	7.216011	.1098930	.0018937	1.822154	2.181879	.0019910
#2	25.98905	7.202722	.1067120	.0017890	1.827492	2.193063	.0044005
#3	26.28939	7.230774	.1054882	.0015241	1.820289	2.240047	.0040718

Sample Name: J5871-11 Acquired: 11/15/2018 17:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0185 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.461954	.1237974	.3161446
Stddev	.015549	.0027443	.0010630
%RSD	.6315763	2.216748	.3362354

#1	2.464023	.1215441	.3152245
#2	2.445474	.1229945	.3159010
#3	2.476365	.1268536	.3173082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.389	2731.023	54460.58	4964.514	3483.423
Stddev	12.606	8.446	125.09	40.304	3.814
%RSD	.5080389	.3092627	.2296916	.8118392	.1095033

#1	2478.896	2725.241	54410.25	4990.513	3480.655
#2	2470.214	2727.112	54368.49	4984.943	3481.840
#3	2495.055	2740.715	54603.00	4918.086	3487.774

Sample Name: J5871-12 Acquired: 11/15/2018 17:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419523	.0053690	.3154612	-.021160	.0044394	116.7297	1.612170
Stddev	.0029615	.0018201	.0017535	.000787	.0014658	.3536	.006179
%RSD	7.059257	33.90031	.5558573	3.717659	33.01727	.3029360	.3832914

#1	.0449583	.0058180	.3144882	-.022059	.0027585	116.5358	1.616910
#2	.0390374	.0033664	.3174855	-.020825	.0054514	116.5154	1.605181
#3	.0418611	.0069225	.3144100	-.020596	.0051084	117.1378	1.614419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076324	.0035943	39.43402	.1191480	.0956315	.1833848	151.5601
Stddev	.0000524	.0001600	.21093	.0004129	.0003876	.0025548	1.5356
%RSD	.6865689	4.452912	.5349022	.3465207	.4052621	1.393154	1.013201

#1	.0076035	.0035526	39.45455	.1196163	.0960131	.1804367	150.7558
#2	.0076929	.0037710	39.21357	.1188363	.0952382	.1847662	150.5937
#3	.0076007	.0034591	39.63394	.1189915	.0956431	.1849514	153.3308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.615197	29.08685	.1297832	-.001100	10.11087	.2218759	.6221562
Stddev	.068039	.18629	.0004065	.000186	.10900	.0027233	.0156583
%RSD	1.028532	.6404549	.3132545	16.92878	1.078059	1.227415	2.516787

#1	6.575315	29.14138	.1295056	-.001239	10.22856	.2192704	.6240022
#2	6.576516	28.87938	.1295940	-.000889	10.01339	.2216538	.6056567
#3	6.693759	29.23978	.1302498	-.001174	10.09064	.2247035	.6368097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.40211	7.652982	.1193214	.0024459	2.038472	1.967962	.0059494
Stddev	.12739	.011407	.0040170	.0002079	.003637	.006930	.0008975
%RSD	.4332636	.1490556	3.366547	8.501601	.1784229	.3521210	15.08581

#1	29.36235	7.644009	.1187852	.0023001	2.034680	1.962433	.0067324
#2	29.54463	7.649118	.1155994	.0026840	2.041931	1.975736	.0049699
#3	29.29934	7.665820	.1235795	.0023535	2.038806	1.965717	.0061458

Sample Name: J5871-12 Acquired: 11/15/2018 17:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0186 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.842425	.1297005	.2885046
Stddev	.004004	.0016098	.0006923
%RSD	.1408709	1.241128	.2399527

#1	2.839533	.1279377	.2878160
#2	2.840746	.1300716	.2884975
#3	2.846995	.1310924	.2892005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.071	2714.744	53788.43	4929.797	3464.445
Stddev	26.794	2.485	234.92	38.453	6.755
%RSD	1.100774	.0915454	.4367511	.7800128	.1949906

#1	2409.118	2716.376	53525.35	4908.828	3464.197
#2	2430.708	2715.972	53862.74	4906.387	3471.321
#3	2462.388	2711.884	53977.22	4974.177	3457.817

Sample Name: J5871-13 Acquired: 11/15/2018 17:30:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498529	.0019707	.6556866	-.021925	.0055020	115.5254	1.718023
Stddev	.0008927	.0027657	.0012557	.003144	.0004236	.7365	.012910
%RSD	1.790742	140.3409	.1915157	14.34177	7.698587	.6375148	.7514407

#1	.0488293	.0045422	.6552441	-.018564	.0050957	116.2981	1.732930
#2	.0504705	.0023250	.6547119	-.022416	.0054694	115.4466	1.710665
#3	.0502588	-.000955	.6571036	-.024795	.0059410	114.8314	1.710474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079944	.0066881	42.46121	.1194855	.0964184	.2261339	159.8018
Stddev	.0001138	.0001054	.29738	.0002944	.0002225	.0023687	1.4495
%RSD	1.422869	1.575785	.7003564	.2463904	.2307735	1.047469	.9070317

#1	.0079570	.0065903	42.78353	.1197863	.0965965	.2248027	161.4355
#2	.0081221	.0066743	42.40258	.1194722	.0961690	.2247302	159.2999
#3	.0079040	.0067997	42.19751	.1191980	.0964896	.2288687	158.6700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.237132	28.17650	.1260748	.0022342	6.397531	.2539125	.9355945
Stddev	.048213	.17093	.0005385	.0002030	.353685	.0026292	.0113337
%RSD	.7730047	.6066525	.4271498	9.084374	5.528465	1.035487	1.211389

#1	6.289479	28.37133	.1257884	.0023702	6.760433	.2528861	.9444546
#2	6.227369	28.05175	.1266960	.0023315	6.053846	.2519512	.9395058
#3	6.194547	28.10640	.1257400	.0020009	6.378316	.2569001	.9228232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.14382	11.28206	.1201126	.0032022	3.040605	1.722800	.0083519
Stddev	.01682	.03465	.0053365	.0000883	.009013	.012083	.0008939
%RSD	.0540102	.3071142	4.442889	2.758421	.2964099	.7013364	10.70322

#1	31.16164	11.24207	.1259090	.0031469	3.036749	1.722027	.0079788
#2	31.12822	11.30307	.1154036	.0033041	3.050905	1.735251	.0093719
#3	31.14158	11.30106	.1190251	.0031557	3.034162	1.711122	.0077049

Sample Name: J5871-13 Acquired: 11/15/2018 17:30:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0211 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.719536	.1355345	.3507460
Stddev	.025114	.0013229	.0011851
%RSD	.6751989	.9760790	.3378922

#1	3.744562	.1361016	.3494885
#2	3.719713	.1340226	.3518422
#3	3.694334	.1364794	.3509074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.533	2697.532	53842.06	4874.299	3397.100
Stddev	12.598	5.037	230.99	16.490	2.914
%RSD	.5185172	.1867419	.4290182	.3383067	.0857735

#1	2423.315	2691.748	53821.91	4877.842	3395.985
#2	2444.031	2700.964	54082.47	4856.325	3400.407
#3	2421.254	2699.882	53621.80	4888.729	3394.909

Sample Name: J5871-14 Acquired: 11/15/2018 17:34:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0212 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465660	.0041393	.4974105	-.023929	.0065121	138.3011	2.133111
Stddev	.0040440	.0011999	.0031797	.002064	.0012780	.5527	.022481
%RSD	8.684470	28.98868	.6392580	8.627482	19.62478	.3996224	1.053902

#1	.0451351	.0048907	.4947177	-.023957	.0055769	138.8488	2.142590
#2	.0511309	.0027554	.4965954	-.025979	.0059912	138.3109	2.149301
#3	.0434319	.0047717	.5009185	-.021851	.0079683	137.7436	2.107443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090824	.0058795	43.88850	.1395828	.1234059	.2209218	198.9600
Stddev	.0000976	.0000253	.34819	.0013117	.0011037	.0022497	1.4733
%RSD	1.074707	.4309246	.7933418	.9397262	.8943585	1.018343	.7405207

#1	.0090096	.0058527	44.10236	.1396438	.1221543	.2184337	200.4939
#2	.0090442	.0058827	44.07641	.1382416	.1242397	.2228127	198.8303
#3	.0091933	.0059031	43.48673	.1408629	.1238235	.2215189	197.5558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.693916	30.99785	.1493829	-.000505	3.072253	.3182894	.8683788
Stddev	.088566	.30283	.0009403	.000569	.096671	.0041662	.0153045
%RSD	1.018712	.9769361	.6294722	112.7377	3.146591	1.308920	1.762424

#1	8.789291	31.34752	.1483689	-.000117	2.977033	.3219322	.8826511
#2	8.678191	30.82139	.1495535	-.001158	3.170313	.3191893	.8702678
#3	8.614266	30.82464	.1502262	-.000239	3.069413	.3137469	.8522174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.51203	11.83021	.1488268	.0034863	2.515954	3.208286	.0116243
Stddev	.08231	.01128	.0061575	.0000843	.002772	.011723	.0008839
%RSD	.2385031	.0953240	4.137363	2.416462	.1101731	.3654046	7.603422

#1	34.60701	11.83355	.1548445	.0034297	2.514410	3.195535	.0107603
#2	34.46762	11.81764	.1490974	.0035831	2.519154	3.218598	.0115860
#3	34.46146	11.83944	.1425384	.0034460	2.514298	3.210725	.0125267

Sample Name: J5871-14 Acquired: 11/15/2018 17:34:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0212 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.183993	.1592332	.3829845
Stddev	.023013	.0017751	.0007897
%RSD	.4439274	1.114801	.2061926

#1	5.209145	.1602413	.3821369
#2	5.178841	.1602749	.3831171
#3	5.163992	.1571836	.3836995

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.215	2838.378	56622.52	5210.215	3508.857
Stddev	14.868	3.079	303.70	19.756	7.813
%RSD	.5827628	.1084685	.5363612	.3791872	.2226704

#1	2534.711	2836.365	56286.11	5212.193	3517.462
#2	2555.372	2841.922	56876.50	5189.543	3506.905
#3	2563.561	2836.846	56704.94	5228.907	3502.206

Sample Name: J5871-15 Acquired: 11/15/2018 17:38:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0237 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493156	.0040527	.2496420	-.022084	.0052757	127.5895	1.852576
Stddev	.0048761	.0011812	.0012947	.002945	.0011855	.3167	.012692
%RSD	9.887535	29.14527	.5186359	13.33454	22.47181	.2481851	.6851083

#1	.0530121	.0033830	.2490746	-.019059	.0040934	127.2558	1.837963
#2	.0511454	.0033585	.2487278	-.022252	.0052692	127.6268	1.858917
#3	.0437893	.0054165	.2511236	-.024941	.0064644	127.8858	1.860848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080440	.0016576	42.52835	.1393130	.1069788	.1573147	168.1196
Stddev	.0000880	.0000720	.40827	.0012267	.0006298	.0032181	1.1607
%RSD	1.094388	4.344213	.9599870	.8805394	.5886759	2.045672	.6904121

#1	.0079946	.0017398	42.08358	.1396349	.1065627	.1545972	167.2475
#2	.0081456	.0016268	42.61540	.1403467	.1077033	.1564784	167.6743
#3	.0079917	.0016060	42.88607	.1379575	.1066705	.1608684	169.4370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.637125	27.67687	.1470888	-.001335	1.539127	.2962648	.4874982
Stddev	.071075	.16108	.0005127	.000184	.104432	.0029106	.0107322
%RSD	1.070870	.5820025	.3485370	13.75634	6.785136	.9824167	2.201488

#1	6.572334	27.59080	.1469174	-.001182	1.491323	.2952504	.4836878
#2	6.625895	27.57711	.1466838	-.001538	1.467155	.2939972	.4791910
#3	6.713147	27.86270	.1476652	-.001284	1.658905	.2995468	.4996157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.68726	10.15857	.1188304	.0024641	1.892879	2.385221	.0068693
Stddev	.11888	.02014	.0007742	.0002867	.005500	.023581	.0017205
%RSD	.4815392	.1982647	.6515316	11.63569	.2905646	.9886245	25.04624

#1	24.57797	10.16851	.1197051	.0022875	1.899216	2.359235	.0086047
#2	24.66997	10.13539	.1182328	.0023100	1.890074	2.405258	.0068392
#3	24.81383	10.17181	.1185535	.0027950	1.889347	2.391170	.0051641

Sample Name: J5871-15 Acquired: 11/15/2018 17:38:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0237 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.862314	.1515161	.3433232
Stddev	.008196	.0033352	.0002125
%RSD	.2122148	2.201212	.0619074

#1	3.857285	.1477310	.3434701
#2	3.857886	.1527938	.3430795
#3	3.871772	.1540236	.3434200

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.382	2756.971	54951.95	5025.390	3467.981
Stddev	4.024	6.662	81.84	37.456	5.395
%RSD	.1613875	.2416385	.1489344	.7453408	.1555797

#1	2491.802	2751.643	54871.68	5061.667	3461.931
#2	2497.957	2754.830	54948.91	5027.647	3472.296
#3	2490.389	2764.440	55035.28	4986.857	3469.714

Sample Name: J5871-16 Acquired: 11/15/2018 17:42:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0283 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466572	.0000719	.5757096	-.021541	.0061483	125.0468	1.776961
Stddev	.0020195	.0016401	.0029483	.001021	.0013721	.8032	.016765
%RSD	4.328417	2281.947	.5121163	4.741933	22.31690	.6423353	.9434513

#1	.0463446	-.001337	.5725506	-.022334	.0076776	124.2716	1.767388
#2	.0448121	-.000320	.5761899	-.021901	.0050252	124.9934	1.767176
#3	.0488147	.001872	.5783882	-.020389	.0057419	125.8754	1.796319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083907	.0045254	53.89814	.1245715	.0971927	.2193771	169.6390
Stddev	.0000907	.0002491	.68536	.0004705	.0001397	.0029130	2.4260
%RSD	1.080879	5.504133	1.271576	.3776913	.1436855	1.327855	1.430074

#1	.0084795	.0047406	53.29554	.1250242	.0971163	.2227205	167.2546
#2	.0083944	.0045831	53.75519	.1246052	.0971080	.2173864	169.5578
#3	.0082982	.0042525	54.64370	.1240851	.0973539	.2180243	172.1045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.785090	30.00670	.1288248	.0000178	1.889297	.3004568	.8654004
Stddev	.072161	.33628	.0003530	.0002523	.117364	.0110076	.0336410
%RSD	1.247369	1.120668	.2740086	1420.858	6.212068	3.663618	3.887331

#1	5.719684	29.64447	.1287165	.0000014	1.757697	.2880278	.8479057
#2	5.773085	30.06668	.1292192	-.000226	1.927071	.3089749	.8441115
#3	5.862502	30.30895	.1285386	.000278	1.983123	.3043677	.9041838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.10332	13.19551	.1263159	.0031404	2.842465	3.814572	.0075169
Stddev	.06171	.03398	.0096912	.0002728	.005797	.020009	.0015496
%RSD	.2363988	.2575239	7.672155	8.687099	.2039361	.5245298	20.61541

#1	26.03340	13.18385	.1171136	.0033348	2.835933	3.828754	.0061032
#2	26.12641	13.16890	.1254028	.0028285	2.844468	3.823276	.0072739
#3	26.15015	13.23379	.1364312	.0032579	2.846995	3.791685	.0091737

Sample Name: J5871-16 Acquired: 11/15/2018 17:42:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0283 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.714054	.1338863	.4046894
Stddev	.042877	.0017191	.0017730
%RSD	.9095529	1.284029	.4381034

#1	4.674625	.1320048	.4064314
#2	4.707836	.1342788	.4047498
#3	4.759700	.1353753	.4028870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.504	2671.408	53526.35	4905.582	3358.688
Stddev	18.303	5.986	288.92	3.532	5.567
%RSD	.7561555	.2240659	.5397756	.0719922	.1657500

#1	2425.355	2664.710	53692.65	4901.755	3361.423
#2	2435.893	2676.233	53693.67	4908.716	3362.359
#3	2400.265	2673.282	53192.73	4906.275	3352.283

Sample Name: J5871-17 Acquired: 11/15/2018 17:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0305 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388160	.0010792	.3897993	-.020882	.0046953	138.3016	2.205280
Stddev	.0011700	.0016309	.0024442	.002222	.0004927	.3375	.011973
%RSD	3.014302	151.1229	.6270384	10.64169	10.49423	.2440610	.5429321

#1	.0392679	-.000801	.3900733	-.020402	.0051462	138.1559	2.197637
#2	.0374875	.001923	.3872297	-.018939	.0047702	138.6875	2.219079
#3	.0396928	.002116	.3920950	-.023305	.0041693	138.0613	2.199124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090278	.0026916	58.36920	.1400142	.1041722	.2188967	181.2333
Stddev	.0000857	.0000704	.23743	.0015407	.0007064	.0037449	.8883
%RSD	.9490091	2.615083	.4067775	1.100403	.6781257	1.710824	.4901146

#1	.0090400	.0027636	58.19051	.1406539	.1042611	.2162372	180.2123
#2	.0091067	.0026883	58.63862	.1411320	.1048300	.2231794	181.8291
#3	.0089366	.0026229	58.27847	.1382567	.1034255	.2172735	181.6583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.100929	33.01815	.1378286	.0002200	2.283585	.3318407	.6935473
Stddev	.032665	.13128	.0005816	.0001627	.053385	.0054630	.0214794
%RSD	.5354162	.3976109	.4220091	73.97841	2.337791	1.646265	3.097035

#1	6.063624	32.88179	.1381510	.0002967	2.223545	.3267593	.7154752
#2	6.124408	33.02899	.1381777	.0000330	2.301504	.3376185	.6725465
#3	6.114755	33.14368	.1371572	.0003301	2.325706	.3311443	.6926201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.62737	13.78964	.1266392	.0024432	2.691852	5.064810	.0105976
Stddev	.17886	.03231	.0029279	.0001198	.004669	.035783	.0002878
%RSD	.6247732	.2343144	2.311962	4.903598	.1734643	.7065117	2.716124

#1	28.76127	13.76615	.1233135	.0023082	2.687416	5.088370	.0108762
#2	28.69660	13.82649	.1277759	.0024846	2.691416	5.082427	.0103013
#3	28.42425	13.77628	.1288283	.0025369	2.696724	5.023634	.0106152

Sample Name: J5871-17 Acquired: 11/15/2018 17:46:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0305 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.405241	.1439271	.4087855
Stddev	.014427	.0021853	.0005192
%RSD	.2669156	1.518307	.1270218

#1	5.394032	.1451137	.4093818
#2	5.421519	.1452623	.4084330
#3	5.400172	.1414052	.4085417

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.603	2635.259	53056.36	4787.017	3295.395
Stddev	22.300	2.433	365.22	29.303	2.436
%RSD	.9347803	.0923241	.6883542	.6121406	.0739285

#1	2366.495	2632.690	52778.91	4765.860	3294.751
#2	2380.207	2635.558	52920.05	4774.726	3298.088
#3	2410.106	2637.528	53470.13	4820.464	3293.345

Sample Name: J5871-18 Acquired: 11/15/2018 17:50:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0328 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355323	.0029613	.3801631	-.018220	.0039193	113.0743	1.855800
Stddev	.0034284	.0003995	.0095568	.002839	.0011111	1.5211	.030122
%RSD	9.648777	13.49048	2.513858	15.58266	28.34828	1.345235	1.623121

#1	.0320093	.0026673	.3906553	-.021157	.0036287	114.2949	1.879790
#2	.0388576	.0034162	.3778779	-.018013	.0029824	111.3702	1.821995
#3	.0357300	.0028004	.3719561	-.015490	.0051468	113.5577	1.865616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078402	.0018479	57.07848	.1074508	.0779191	.1835496	147.9852
Stddev	.0000349	.0001266	.87623	.0015286	.0020279	.0021843	2.7849
%RSD	.4446503	6.848532	1.535124	1.422579	2.602531	1.190059	1.881864

#1	.0078325	.0018924	57.69680	.1068414	.0798592	.1848944	150.1466
#2	.0078099	.0019462	56.07576	.1091901	.0780847	.1810292	144.8425
#3	.0078783	.0017051	57.46288	.1063210	.0758136	.1847251	148.9665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.514710	28.63434	.0993247	.0005653	2.395429	.2858507	.6031848
Stddev	.098783	.56992	.0022375	.0007306	.004055	.0086514	.0068708
%RSD	1.791263	1.990350	2.252751	129.2427	.1692833	3.026562	1.139082

#1	5.591713	29.07073	.1018985	.0003830	2.398135	.2898156	.5962469
#2	5.403332	27.98955	.0982340	-.000057	2.397385	.2759274	.6033213
#3	5.549085	28.84275	.0978417	.001370	2.390767	.2918091	.6099864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.05602	12.89155	.1053351	.0017394	2.196972	12.24126	.0085052
Stddev	.29877	.28413	.0054132	.0000827	.049453	.15450	.0009317
%RSD	1.354599	2.204011	5.139042	4.751375	2.250972	1.262131	10.95417

#1	22.25591	13.19456	.1113913	.0016935	2.248602	12.24441	.0088671
#2	21.71257	12.84898	.1009674	.0016900	2.192284	12.08521	.0074469
#3	22.19959	12.63110	.1036467	.0018349	2.150030	12.39416	.0092017

Sample Name: J5871-18 Acquired: 11/15/2018 17:50:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0328 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.944187	.1258102	.3708531
Stddev	.068788	.0015709	.0032447
%RSD	1.391300	1.248636	.8749326

#1	5.007054	.1275785	.3728669
#2	4.870710	.1245760	.3671101
#3	4.954798	.1252759	.3725824

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.194	2753.818	52348.48	4807.172	3501.475
Stddev	45.936	54.814	681.88	32.778	83.314
%RSD	1.941363	1.990462	1.302579	.6818473	2.379387

#1	2369.477	2700.908	52339.21	4797.741	3417.837
#2	2318.704	2750.190	51671.29	4843.631	3502.130
#3	2410.400	2810.355	53034.95	4780.144	3584.460

Sample Name: CCV009 Acquired: 11/15/2018 17:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041735	5.094206	26.51182	5.233331	5.172101	419.4884
Stddev	.018727	.009550	.05502	.014129	.014378	.4581
%RSD	.3714349	.1874658	.2075146	.2699812	.2779869	.1092153

#1	5.028960	5.090224	26.46037	5.236748	5.169123	419.6600
#2	5.033013	5.087292	26.50528	5.217807	5.159445	419.8360
#3	5.063232	5.105103	26.56981	5.245439	5.187734	418.9693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80637	.5267381	2.698943	427.6506	16.41737	2.686797
Stddev	.06844	.0058443	.005443	1.7971	.02319	.006269
%RSD	.6333728	1.109535	.2016884	.4202254	.1412649	.2333316

#1	10.88540	.5242084	2.695018	429.6687	16.39913	2.682730
#2	10.76569	.5225847	2.696653	427.0601	16.44347	2.683645
#3	10.76804	.5334211	2.705157	426.2231	16.40950	2.694017

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.85645	423.6737	16.14907	429.5833	2.642023	F 1.394602
Stddev	.05227	2.7705	.12581	1.9893	.007348	.006321
%RSD	.3296543	.6539238	.7790599	.4630690	.2781100	.4532356

#1	15.82764	424.8973	16.25796	431.0173	2.635548	1.396254
#2	15.91679	425.6217	16.17789	430.4202	2.640513	1.399933
#3	15.82492	420.5020	16.01134	427.3123	2.650009	1.387619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.0232	2.672186	F 16.59452	161.8554	F 5.541820	5.437081
Stddev	1.0539	.021490	.40032	.9593	.012759	.043429
%RSD	.2509229	.8042259	2.412387	.5927063	.2302390	.7987605

#1	420.9349	2.693397	16.66101	161.9576	5.533660	5.432647
#2	418.8692	2.672734	16.95744	160.8491	5.535276	5.396039
#3	420.2653	2.650427	16.16512	162.7595	5.556523	5.482558

Sample Name: CCV009 Acquired: 11/15/2018 17:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.318350	F 5.653688	5.309866	5.318940	5.449524	F 5.503957
Stddev	.012182	.004323	.056500	.008451	.016830	.042845
%RSD	.2290566	.0764623	1.064061	.1588937	.3088326	.7784384

#1	5.306338	5.650718	5.287854	5.309609	5.451025	5.550101
#2	5.318015	5.651698	5.267685	5.321130	5.465553	5.465434
#3	5.330695	5.658647	5.374059	5.326081	5.431994	5.496336

Elem	Sr4077
Units	ppm
Avg	F 5.513659
Stddev	.028989
%RSD	.5257652

#1	5.496704
#2	5.497142
#3	5.547132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.091	1869.615	41257.97	3802.671	2723.300
Stddev	12.090	2.679	227.96	39.620	3.434
%RSD	.6857234	.1432843	.5525289	1.041906	.1261050

#1	1752.375	1870.099	41017.63	3794.979	2722.817
#2	1760.700	1872.019	41285.18	3845.574	2726.950
#3	1776.198	1866.727	41471.11	3767.461	2720.133

Sample Name: CCB009 Acquired: 11/15/2018 17:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000184	-.000727	.0022357	.0003769	.0004732	.0001291	.0000839
Stddev	.002550	.000398	.0008599	.0043697	.0011854	.0004115	.0007951
%RSD	1382.537	54.76732	38.46114	1159.334	250.5376	318.8439	947.2470

#1	.000422	-.001091	.0031898	.0051707	-.000887	.0001172	-.000643
#2	-.002984	-.000302	.0019965	-.003383	.001019	.0005464	.000933
#3	.002008	-.000786	.0015207	-.000657	.001287	-.000276	-.000038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000113	.0000426	.0004181	.0002930	.0000867	-.005359	.0004744
Stddev	.0000770	.0000614	.0148444	.0004200	.0001348	.002247	.0224413
%RSD	682.0885	144.1547	3550.724	143.3271	155.5593	41.92245	4730.257

#1	.0000165	.0000406	.0154956	.0000090	.0001478	-.005681	-.023299
#2	.0000855	.0001051	-.000060	.0000946	.0001802	-.007428	.021290
#3	-.000068	-.000018	-.014182	.0007755	-.000068	-.002969	.003432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001166	.0274318	-.000056	.0000824	.1907709	.0058003	-.003585
Stddev	.001134	.0191014	.000031	.0001859	.2664047	.0024713	.014170
%RSD	97.22427	69.63228	55.96104	225.6870	139.6464	42.60594	395.2840

#1	-.002371	.0114893	-.000037	.0000401	.4957067	.0055071	-.018746
#2	-.001008	.0222030	-.000092	-.000079	.0734041	.0034887	.009323
#3	-.000120	.0486031	-.000039	.000286	.0032021	.0084051	-.001330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748608	.0019836	-.001746	-.000055	-.005880	-.005760	-.001221
Stddev	.0476596	.0004205	.000302	.000162	.000368	.000625	.001027
%RSD	63.66421	21.19970	17.29461	293.6372	6.253897	10.84386	84.11214

#1	.0991393	.0022572	-.001406	.000105	-.006100	-.005870	-.000049
#2	.0199507	.0021942	-.001981	-.000218	-.005455	-.006323	-.001647
#3	.1054925	.0014994	-.001853	-.000052	-.006084	-.005088	-.001965

Sample Name: CCB009 Acquired: 11/15/2018 17:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v716) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019045	.0008844	.0000196
Stddev	.0015146	.0025509	.0000383
%RSD	79.52536	288.4488	194.9598

#1	.0010517	-.000627	.0000206
#2	.0010086	.003830	.0000574
#3	.0036532	-.000549	-.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.238	2221.293	43369.37	3952.547	3403.939
Stddev	29.823	4.304	472.46	41.800	3.950
%RSD	1.488748	.1937742	1.089384	1.057550	.1160301

#1	1969.548	2216.674	42846.62	3907.260	3400.316
#2	2026.259	2225.191	43765.89	3960.730	3408.149
#3	2013.908	2222.013	43495.61	3989.650	3403.351