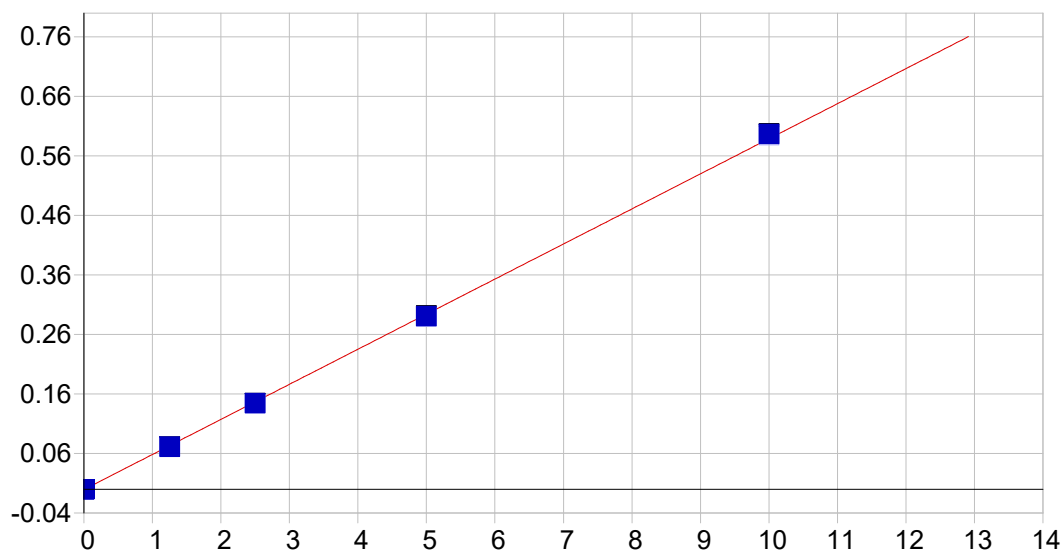


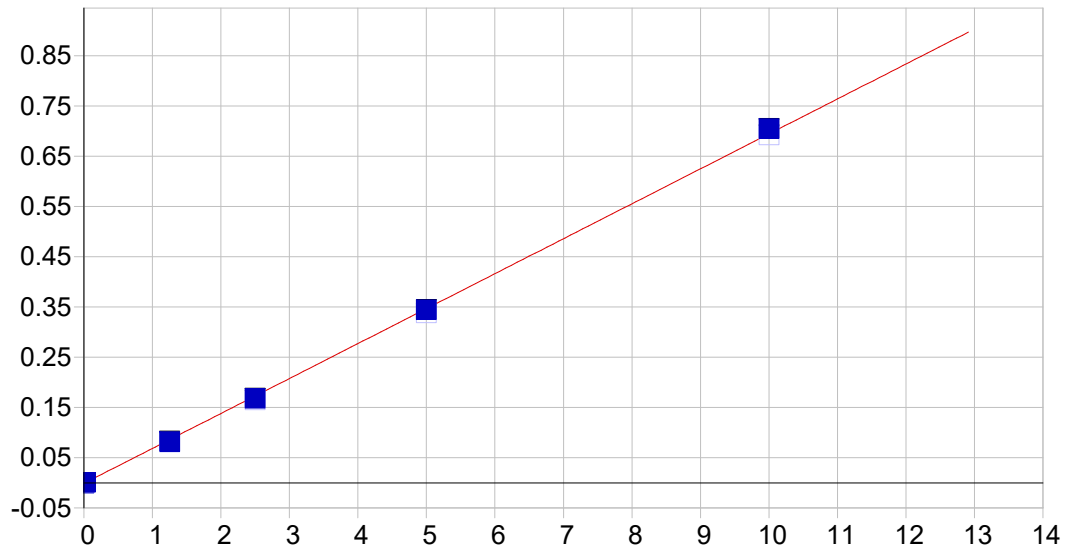


As 189.042 {479}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000488 Re-Slope: 1.000000
 A1 (Gain): 0.058938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002951
 Predicted MQL: 0.009838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.01000	.01226	.002	22.6	.00023	.000	1
S2	1.2500	1.2181	-.032	-2.55	.07104	.000	1
S3	2.5000	2.4569	-.043	-1.72	.14379	.000	1
S4	5.0000	4.9442	-.056	-1.12	.28986	.001	1
S5	10.000	10.129	.129	1.29	.59437	.002	1

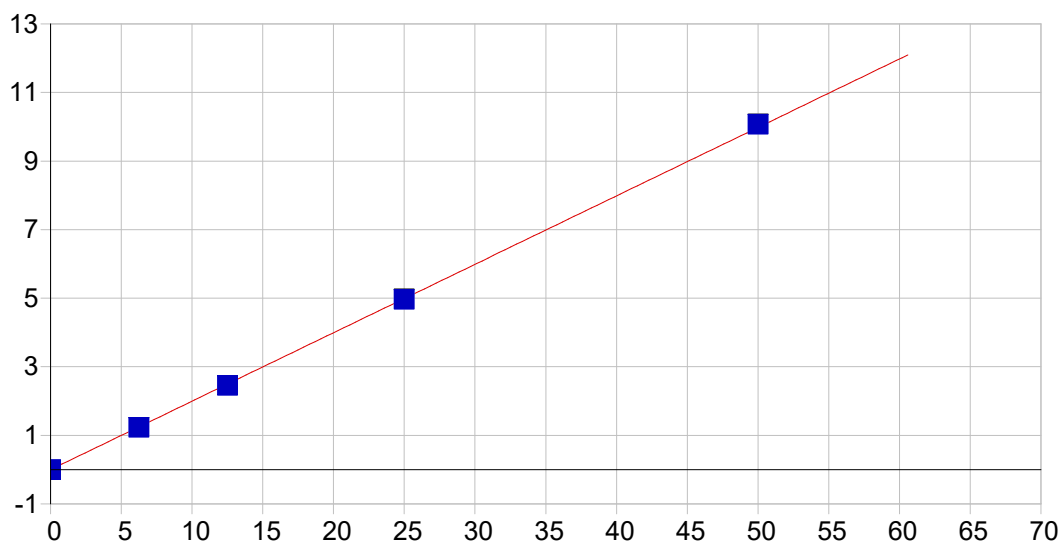


TI 190.856 {477}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001142 Re-Slope: 1.000000
 A1 (Gain): 0.069564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002901
 Predicted MQL: 0.009671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00114	.000	1
S1	.02500	.02851	.004	14.0	.00077	.000	1
S2	1.2500	1.1977	-.052	-4.18	.08057	.001	1
S3	2.5000	2.4316	-.068	-2.73	.16481	.000	1
S4	5.0000	4.9678	-.032	-.644	.33803	.000	1
S5	10.000	10.149	.149	1.49	.69207	.000	1

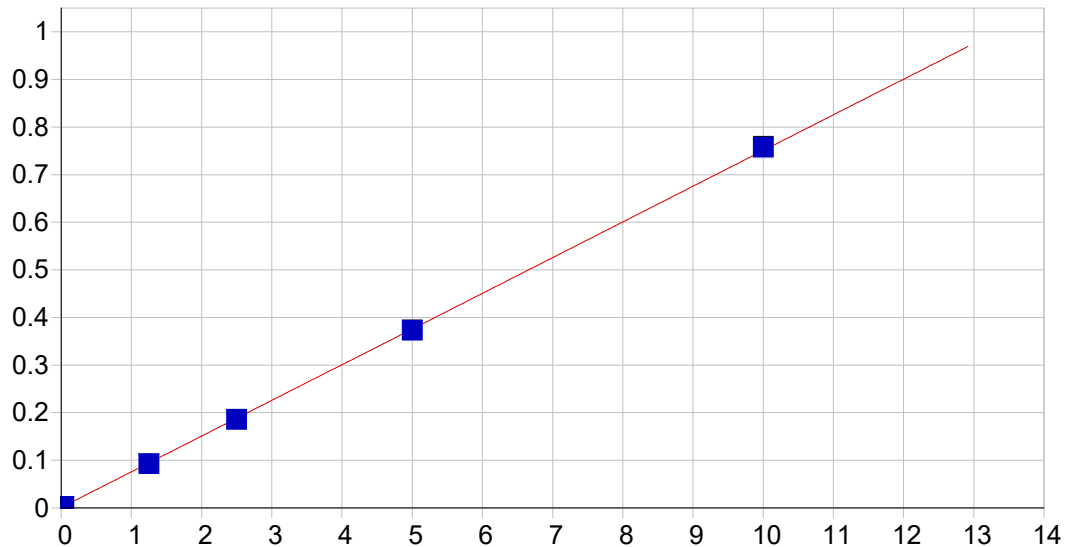


Pb 220.353 {453}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.199597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.002261
 Predicted MQL: 0.007535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.01000	.00995	-.000	-.483	.00234	.000	1
S2	6.2500	6.1464	-.104	-1.66	1.2274	.003	1
S3	12.500	12.269	-.231	-1.85	2.4496	.001	1
S4	25.000	24.868	-.132	-.527	4.9650	.006	1
S5	50.000	50.467	.467	.934	10.075	.006	1

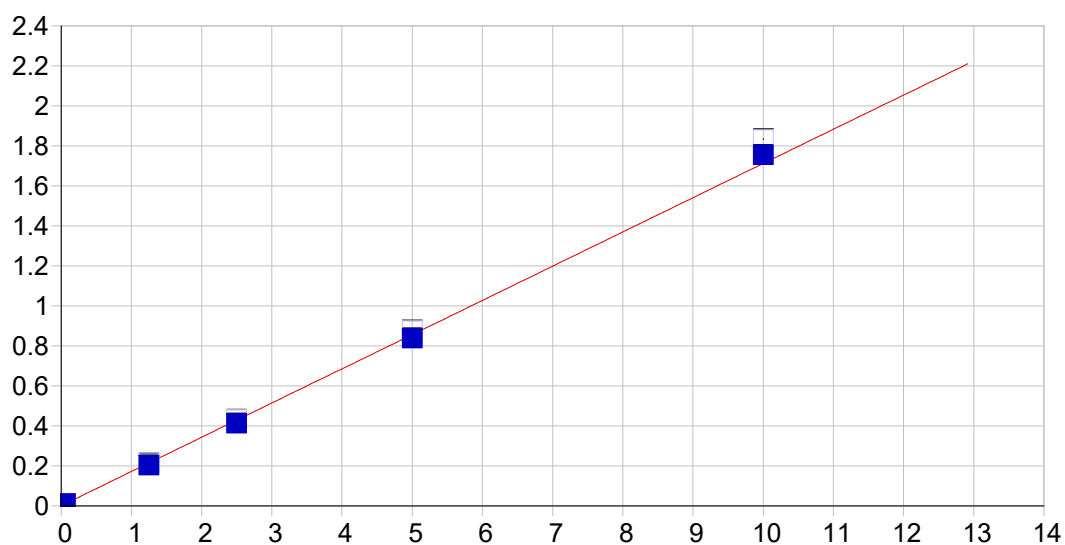


Se 196.090 {472}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000805 Re-Slope: 1.000000
 A1 (Gain): 0.074979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002680
 Predicted MQL: 0.008934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.03500	.03486	-.000	-.400	.00342	.000	1
S2	1.2500	1.2257	-.024	-1.94	.09246	.000	1
S3	2.5000	2.4670	-.033	-1.32	.18529	.000	1
S4	5.0000	4.9632	-.037	-.736	.37195	.001	1
S5	10.000	10.094	.094	.942	.75569	.002	1

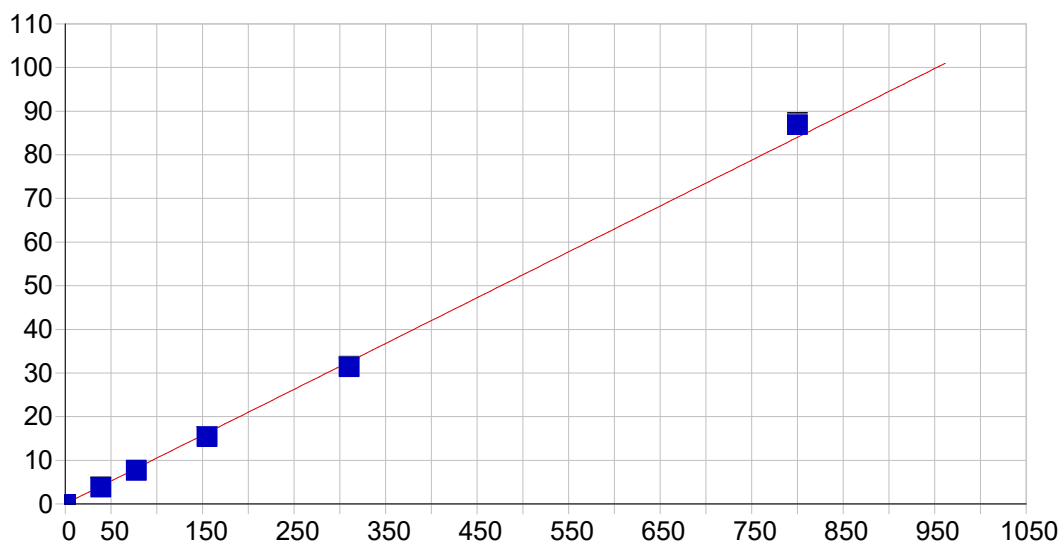


Sb 206.833 {463}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000940 Re-Slope: 1.000000
 A1 (Gain): 0.171101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629 Status: OK.
 Std Error of Est: 0.000200
 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	.00094	.000	1
S1	.06000	.06289	.003	4.82	.01171	.000	1
S2	1.2500	1.1865	-.064	-5.08	.21379	.001	1
S3	2.5000	2.4087	-.091	-3.65	.43276	.001	1
S4	5.0000	4.8977	-.102	-2.05	.87833	.001	1
S5	10.000	10.254	.254	2.54	1.8342	.002	1

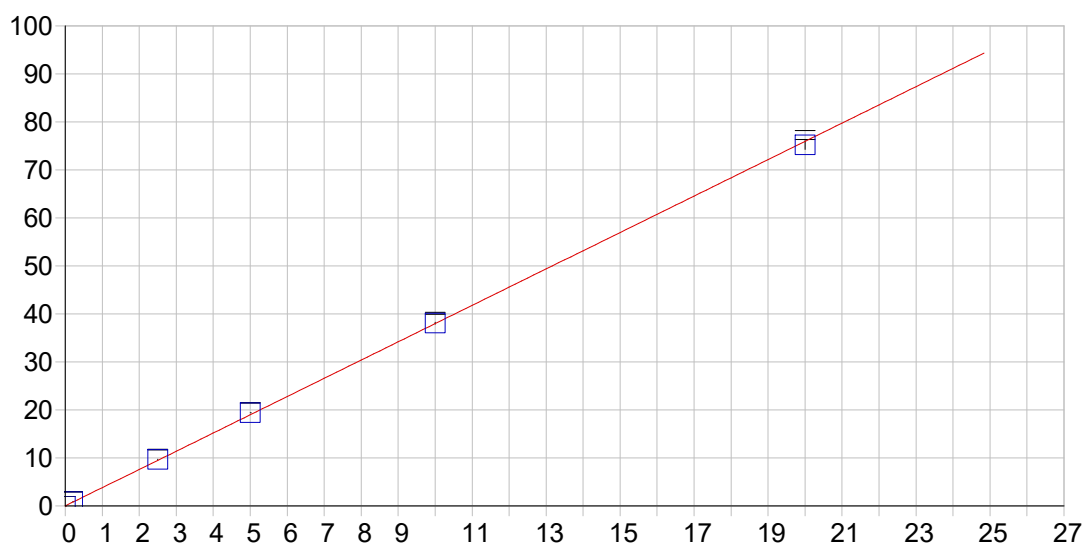


AI 396.152 { 85}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004225 Re-Slope: 1.000000
 A1 (Gain): 0.105014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999189 Status: OK.
 Std Error of Est: 0.002634
 Predicted MDL: 0.009552
 Predicted MQL: 0.031840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00423	.001	1
S1	.20000	.18956	-.010	-5.22	.02449	.001	1
S2	38.750	36.293	-2.46	-6.34	3.8236	.010	1
S3	77.500	72.909	-4.59	-5.92	7.6769	.012	1
S4	155.00	146.44	-8.56	-5.52	15.415	.028	1
S5	310.00	298.50	-11.5	-3.71	31.416	.150	1
S6	800.00	827.15	27.2	3.39	86.919	.454	1

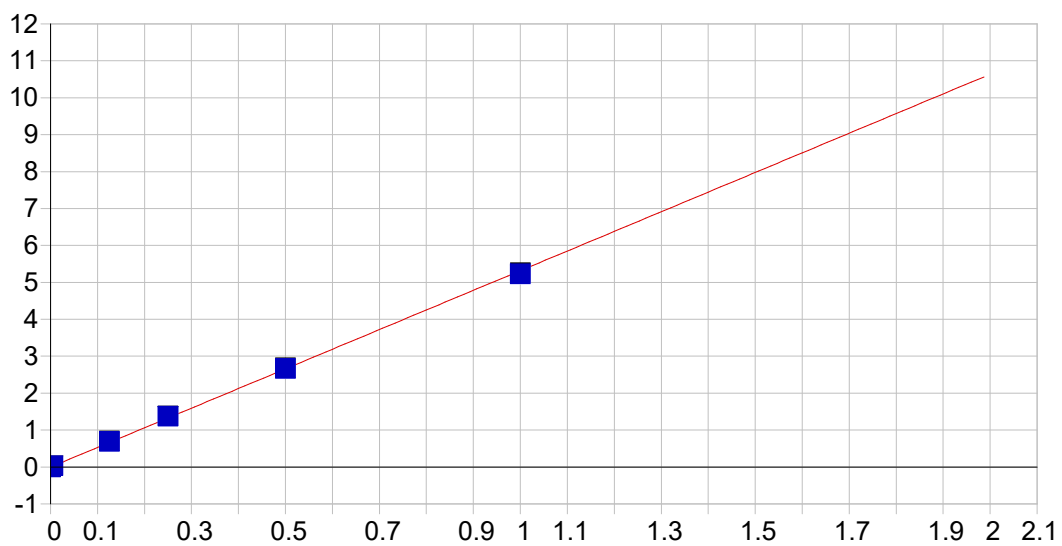


Ba 493.409 { 68}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004075 Re-Slope: 1.000000
 A1 (Gain): 3.797241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.005547
 Predicted MDL: 0.000541
 Predicted MQL: 0.001804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00398	.001	1
S1	.20000	.22024	.020	10.1	.84037	.004	1
S2	2.5000	2.5380	.038	1.52	9.6415	.069	1
S3	5.0000	5.1095	.109	2.19	19.406	.008	1
S4	10.000	10.032	.032	.320	38.098	.200	1
S5	20.000	19.800	-.200	-.999	75.191	.952	1

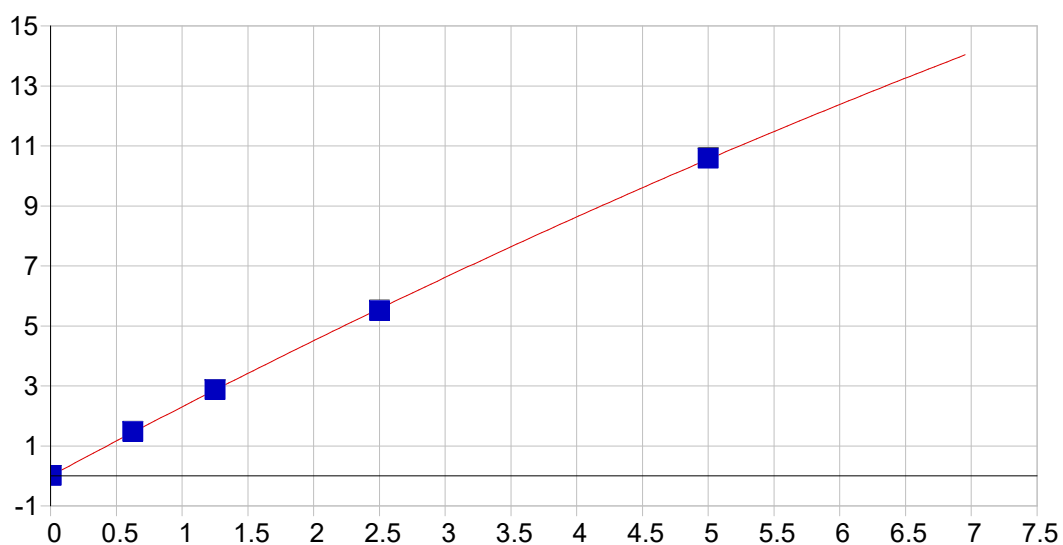


Be 234.861 {144}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002761	Re-Slope:	1.000000
A1 (Gain):	5.319407	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999771	Status:	OK.
Std Error of Est:	0.000426		
Predicted MDL:	0.000074		
Predicted MQL:	0.000248		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00277	.000	1
S1	.00500	.00572	.001	14.4	.02765	.000	1
S2	.12500	.13022	.005	4.18	.68774	.009	1
S3	.25000	.25818	.008	3.27	1.3662	.007	1
S4	.50000	.50198	.002	.395	2.6586	.018	1
S5	1.0000	.98390	-.016	-1.61	5.2134	.025	1

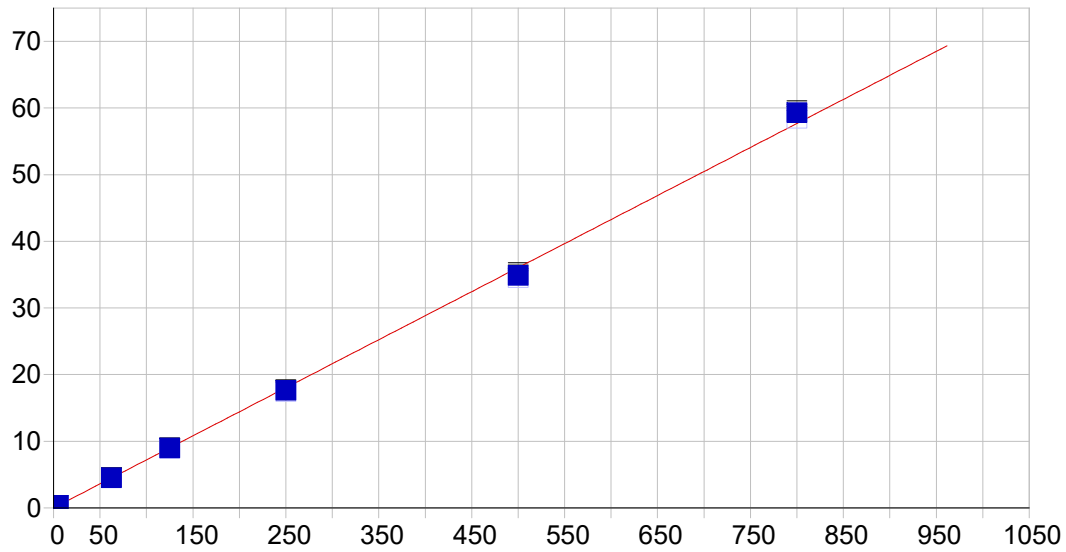


Cd 214.438 {457}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000161	Re-Slope:	1.000000
A1 (Gain):	2.347697	Y-int:	0.000000
A2 (Curvature):	-0.047340		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000193		
Predicted MDL:	0.000124		
Predicted MQL:	0.000413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.00500	.00574	.001	14.8	.01364	.000	1
S2	.62500	.63767	.013	2.03	1.4802	.004	1
S3	1.2500	1.2529	.003	.229	2.8717	.005	1
S4	2.5000	2.4698	-.030	-1.21	5.5188	.006	1
S5	5.0000	5.0142	.014	.285	10.600	.009	1

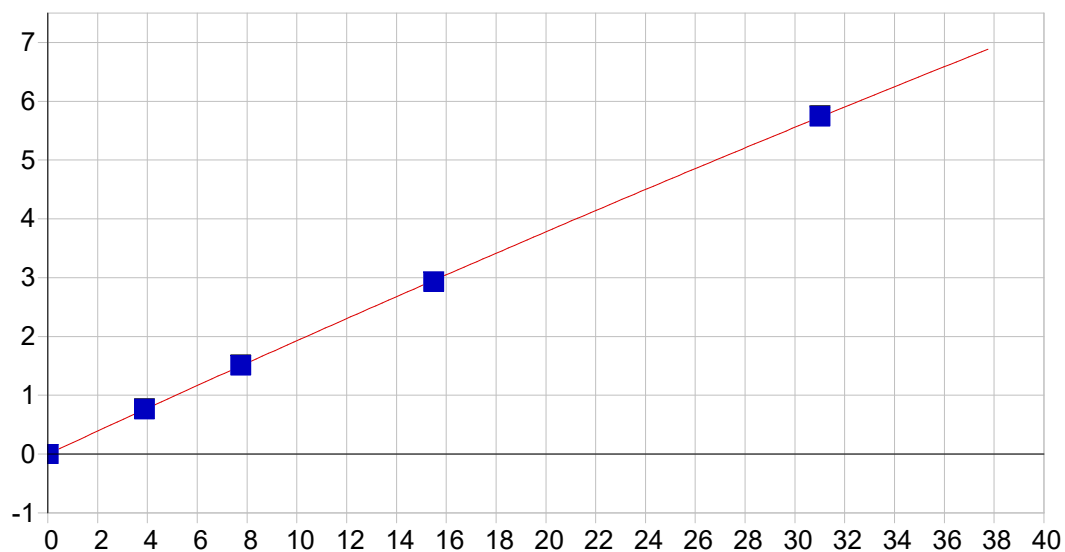


Ca 373.690 { 90}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000583 Re-Slope: 1.000000
 A1 (Gain): 0.072108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.007123
 Predicted MDL: 0.011983
 Predicted MQL: 0.039944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00041	-.000	.000	.00055	.001	1
S1	5.0000	5.5725	.573	11.5	.40230	.003	1
S2	62.500	62.550	.050	.080	4.4706	.038	1
S3	125.00	124.45	-.550	-.440	8.8938	.001	1
S4	250.00	244.28	-5.72	-2.29	17.454	.105	1
S5	500.00	483.24	-16.8	-3.35	34.524	.441	1
S6	800.00	822.54	22.5	2.82	58.452	.294	1

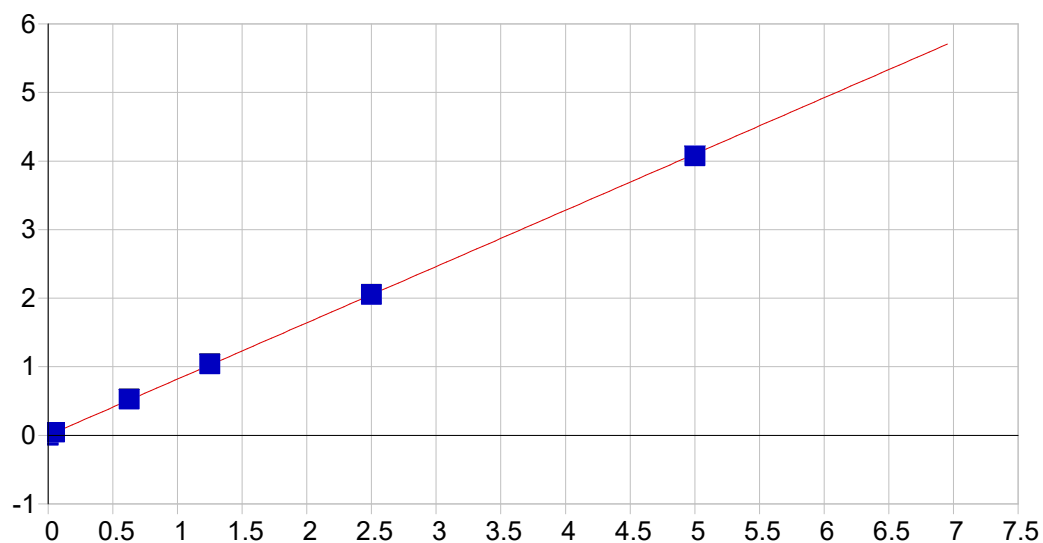


Cr 267.716 {126}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.196496 Y-int: 0.000000
 A2 (Curvature): -0.000375
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000551
 Predicted MQL: 0.001835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01169	.002	16.9	.00229	.000	1
S2	3.8750	3.9164	.041	1.07	.76475	.002	1
S3	7.7500	7.7857	.036	.460	1.5090	.005	1
S4	15.500	15.365	-.135	-.869	2.9345	.001	1
S5	31.000	31.056	.056	.182	5.7483	.010	1

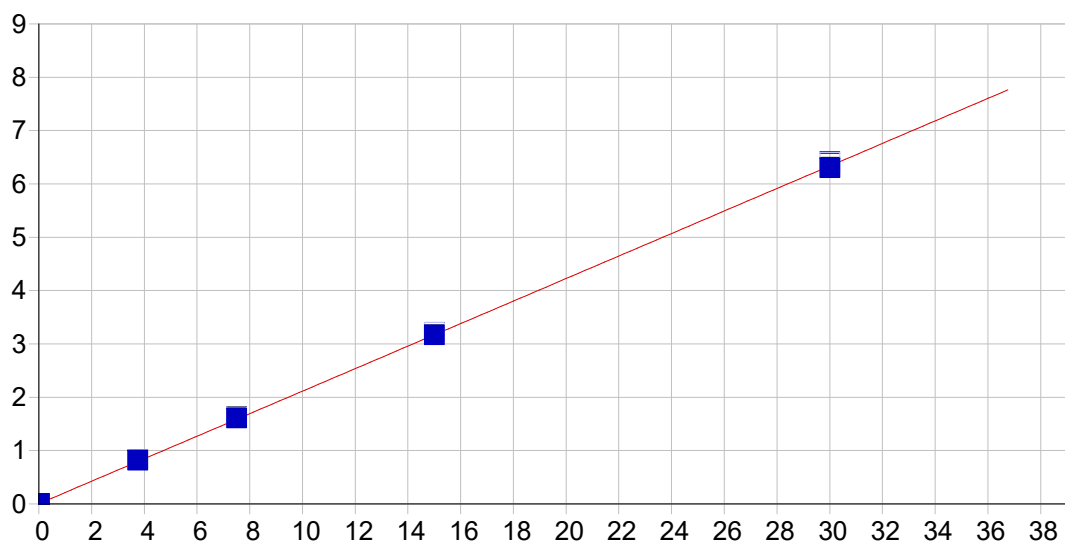


Co 228.616 {448}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.820483 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.000378
 Predicted MQL: 0.001259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.000	1
S1	.05000	.05556	.006	11.1	.04597	.000	1
S2	.62500	.64051	.016	2.48	.52659	.002	1
S3	1.2500	1.2656	.016	1.25	1.0403	.001	1
S4	2.5000	2.4989	-.001	-.045	2.0538	.001	1
S5	5.0000	4.9645	-.036	-.711	4.0800	.002	1

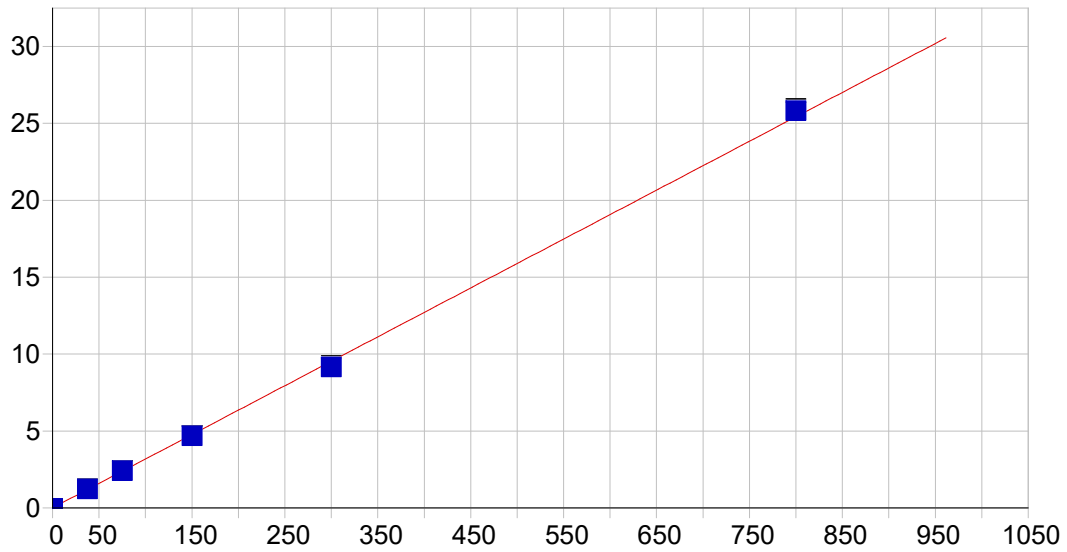


Cu 324.754 {104}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002755 Re-Slope: 1.000000
 A1 (Gain): 0.211133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.002683
 Predicted MQL: 0.008944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00275	.000	1
S1	.02500	.02404	-.001	-3.84	.00889	.001	1
S2	3.7500	3.8446	.095	2.52	.82717	.001	1
S3	7.5000	7.6045	.104	1.39	1.6337	.002	1
S4	15.000	14.979	-.021	-.140	3.2161	.003	1
S5	30.000	29.823	-.177	-.589	6.4010	.010	1

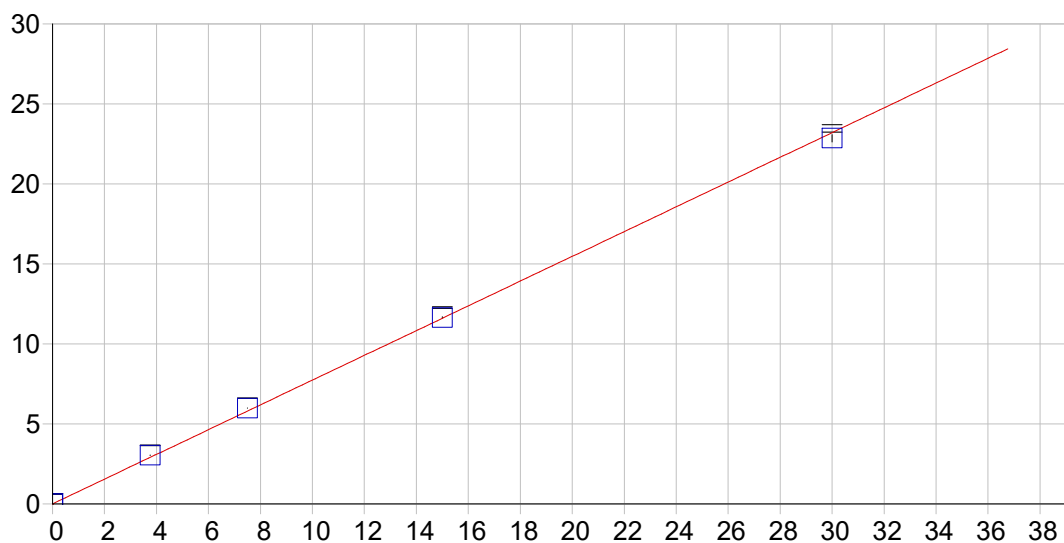


Fe 259.837 {130}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000553 Re-Slope: 1.000000
 A1 (Gain): 0.031783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.000326
 Predicted MDL: 0.009266
 Predicted MQL: 0.030886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00055	.000	1
S1	.10000	.11544	.015	15.4	.00435	.000	1
S2	37.500	38.509	1.01	2.69	1.2270	.008	1
S3	75.000	76.084	1.08	1.45	2.4237	.004	1
S4	150.00	147.25	-2.75	-1.83	4.6905	.015	1
S5	300.00	288.20	-11.8	-3.93	9.1800	.068	1
S6	800.00	812.46	12.5	1.56	25.855	.112	1

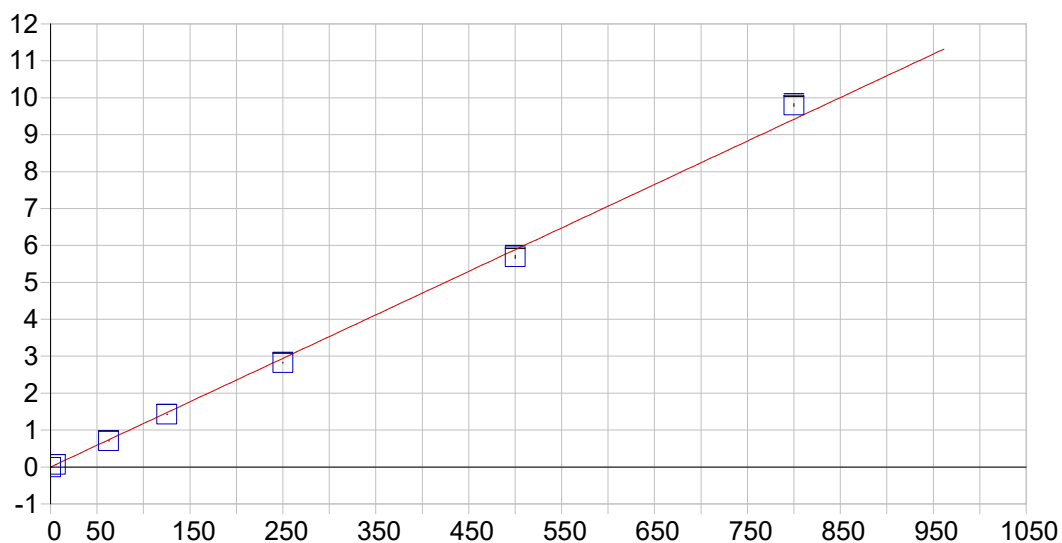


Mn 257.610 {131}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000674	Re-Slope:	1.000000
A1 (Gain):	0.773590	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999794	Status:	OK.
Std Error of Est:	0.000559		
Predicted MDL:	0.000406		
Predicted MQL:	0.001353		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.01500	.01727	.002	15.1	.01403	.000	1
S2	3.7500	3.9217	.172	4.58	3.0344	.016	1
S3	7.5000	7.7411	.241	3.22	5.9891	.012	1
S4	15.000	15.047	.047	.314	11.641	.049	1
S5	30.000	29.538	-.462	-1.54	22.851	.235	1

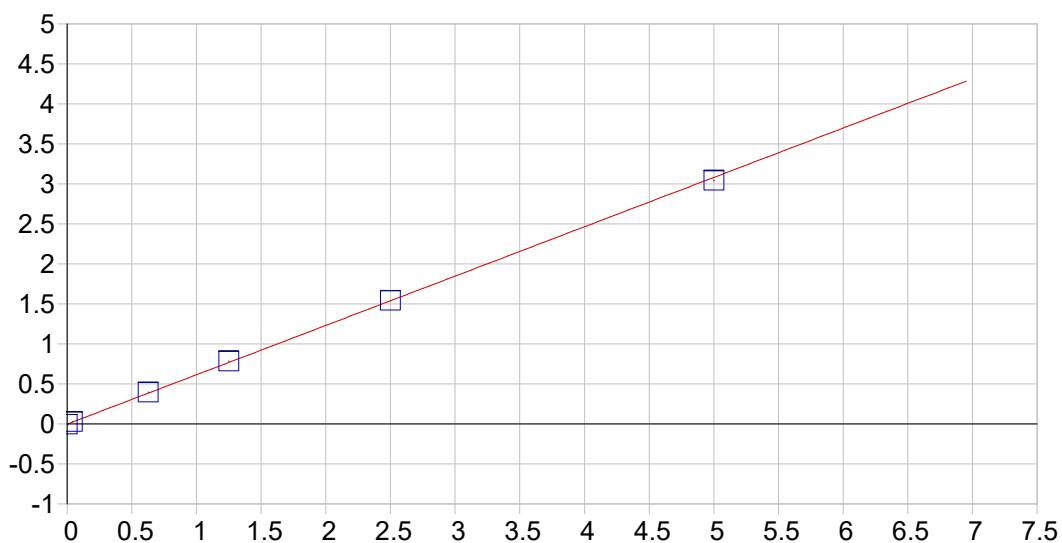


Mg 279.079 {121}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.011772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277 Status: OK.
 Std Error of Est: 0.001563
 Predicted MDL: 0.028050
 Predicted MQL: 0.093500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00008	.000	1
S1	5.0000	5.3428	.343	6.86	.06281	.001	1
S2	62.500	60.145	-2.35	-3.77	.70795	.003	1
S3	125.00	121.07	-3.93	-3.15	1.4251	.002	1
S4	250.00	239.85	-10.1	-4.06	2.8235	.013	1
S5	500.00	483.49	-16.5	-3.30	5.6916	.041	1
S6	800.00	832.61	32.6	4.08	9.8015	.038	1

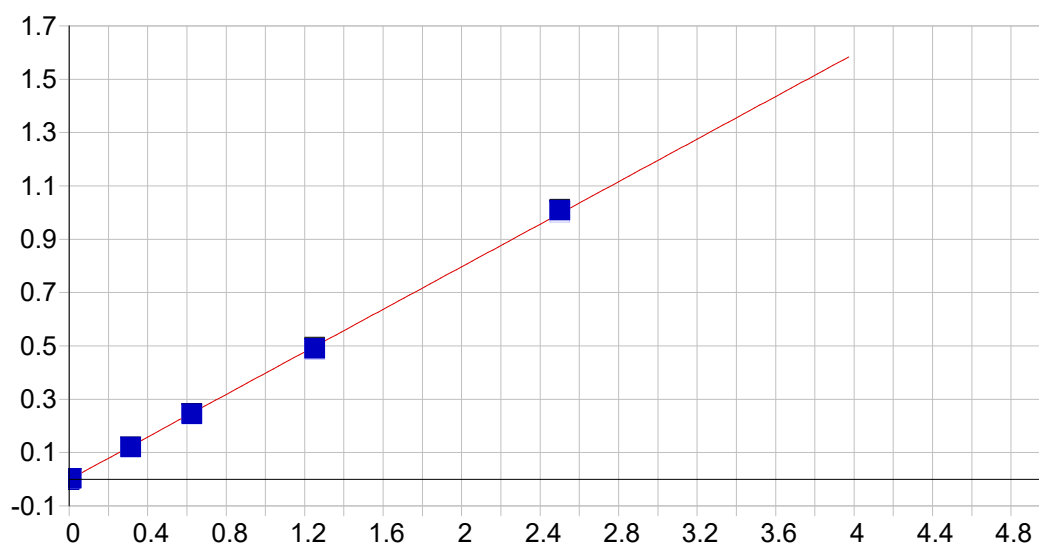


Ni 231.604 {446}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002381	Re-Slope:	1.000000
A1 (Gain):	0.616716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000271		
Predicted MDL:	0.000579		
Predicted MQL:	0.001930		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00239	.000	1
S1	.04000	.04686	.007	17.1	.02652	.000	1
S2	.62500	.64564	.021	3.30	.39580	.001	1
S3	1.2500	1.2777	.028	2.22	.78559	.002	1
S4	2.5000	2.5052	.005	.210	1.5426	.002	1
S5	5.0000	4.9396	-.060	-1.21	3.0439	.003	1

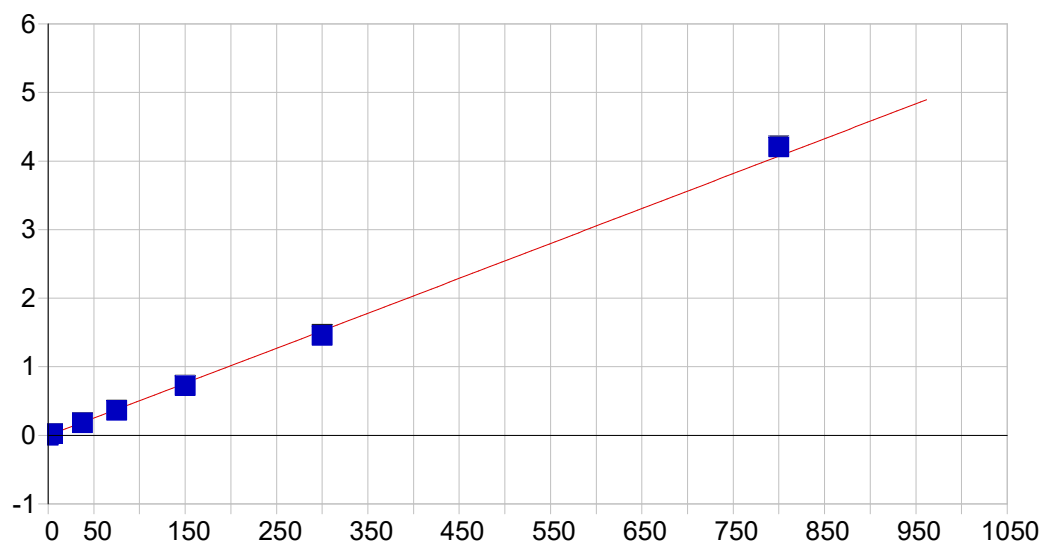


Ag 328.068 {103}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001163 Re-Slope: 1.000000
 A1 (Gain): 0.398942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000462
 Predicted MQL: 0.001541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00116	.000	1
S1	.01000	.01117	.001	11.7	.00326	.000	1
S2	.31250	.30453	-.008	-2.55	.11926	.001	1
S3	.62500	.61799	-.007	-1.12	.24324	.001	1
S4	1.2500	1.2322	-.018	-1.43	.48613	.005	1
S5	2.5000	2.5316	.032	1.27	1.0003	.003	1

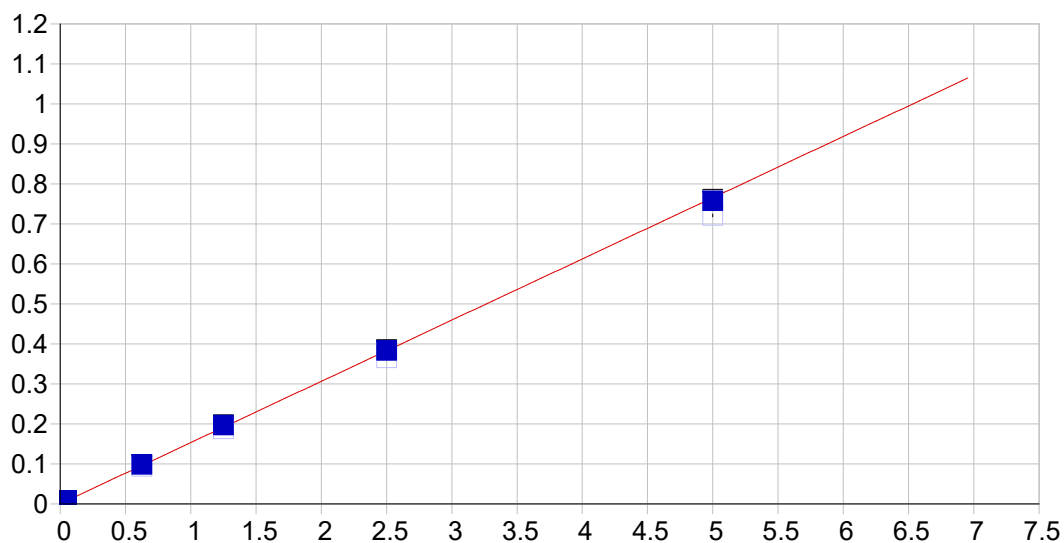


Na 818.326 { 41}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003497 Re-Slope: 1.000000
 A1 (Gain): 0.005094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999259 Status: OK.
 Std Error of Est: 0.000609
 Predicted MDL: 0.290375
 Predicted MQL: 0.967916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00072	.001	.000	-.00349	.002	1
S1	5.0000	5.0105	.010	.209	.02203	.001	1
S2	37.500	35.925	-1.58	-4.20	.18034	.001	1
S3	75.000	71.980	-3.02	-4.03	.36483	.001	1
S4	150.00	142.62	-7.38	-4.92	.72636	.003	1
S5	300.00	286.00	-14.0	-4.67	1.4601	.013	1
S6	800.00	825.96	26.0	3.25	4.2217	.005	1

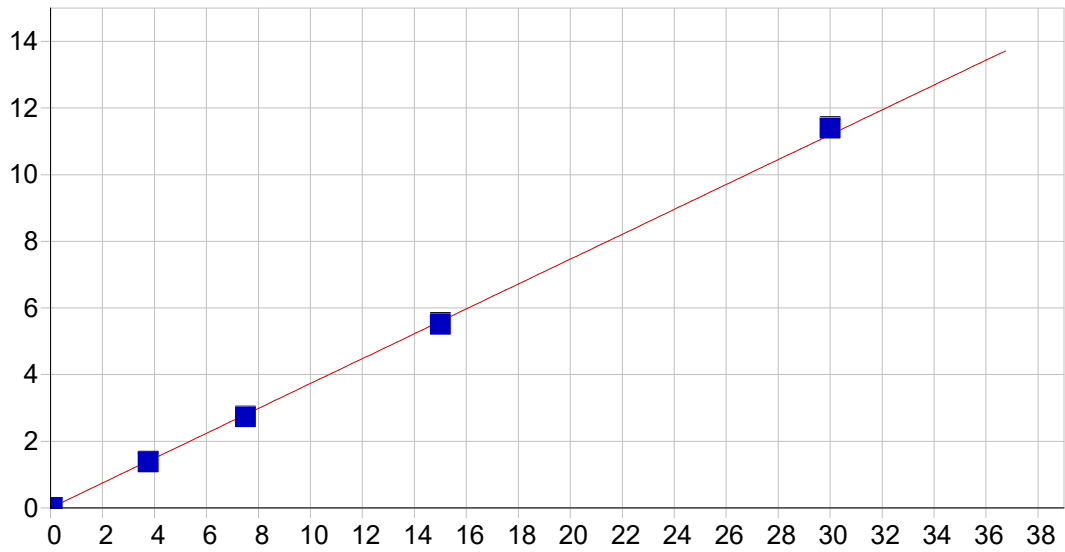


V 292.402 {115}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000214	Re-Slope:	1.000000
A1 (Gain):	0.153072	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.002853		
Predicted MQL:	0.009511		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.05000	.05377	.004	7.53	.00843	.000	1
S2	.62500	.64013	.015	2.42	.09361	.001	1
S3	1.2500	1.2818	.032	2.55	.18726	.001	1
S4	2.5000	2.5000	.000	.001	.36455	.002	1
S5	5.0000	4.9491	-.051	-1.02	.72108	.004	1

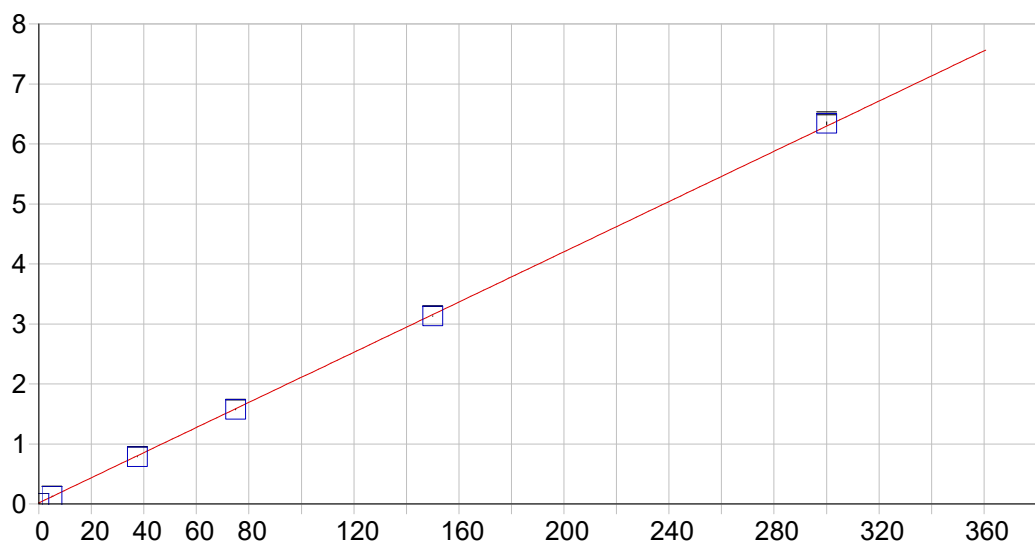


Zn 213.856 {158}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000857 Re-Slope: 1.000000
 A1 (Gain): 0.373220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000498
 Predicted MDL: 0.001681
 Predicted MQL: 0.005603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00086	.001	1
S1	.06000	.06313	.003	5.21	.02448	.001	1
S2	3.7500	3.6699	-.080	-2.14	1.3728	.025	1
S3	7.5000	7.3135	-.187	-2.49	2.7350	.019	1
S4	15.000	14.745	-.255	-1.70	5.5131	.045	1
S5	30.000	30.519	.519	1.73	11.409	.033	1

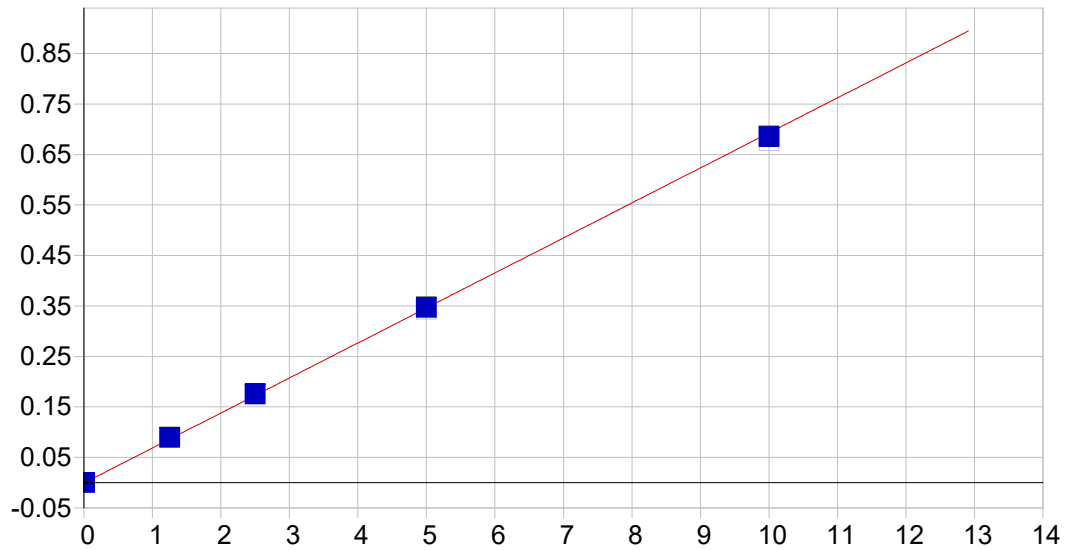


K 769.896 { 44 }

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017061 Re-Slope: 1.000000
 A1 (Gain): 0.020926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000486
 Predicted MDL: 0.075139
 Predicted MQL: 0.250465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.01706	.001	1
S1	5.0000	5.3388	.339	6.78	.12878	.002	1
S2	37.500	36.771	-.729	-1.94	.78655	.001	1
S3	75.000	74.361	-.639	-.852	1.5732	.003	1
S4	150.00	148.70	-1.30	-.868	3.1288	.006	1
S5	300.00	302.33	2.33	.777	6.3437	.025	1

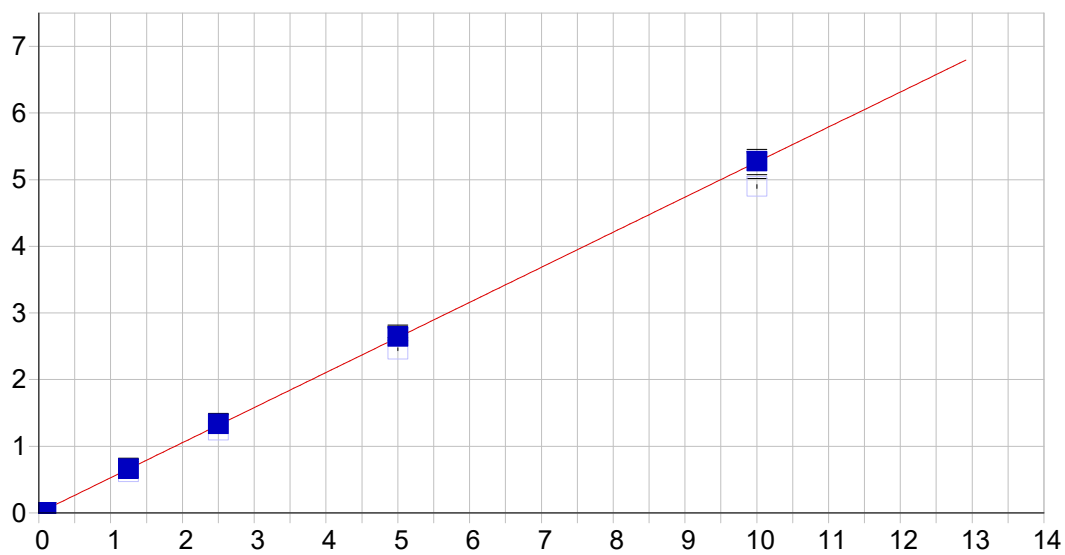


P 177.495 {490}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000670 Re-Slope: 1.000000
 A1 (Gain): 0.069343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002160
 Predicted MQL: 0.007201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00067	.000	1
S1	.01000	.01060	.001	6.02	.00006	.000	1
S2	1.2500	1.3011	.051	4.09	.08858	.000	1
S3	2.5000	2.5466	.047	1.86	.17397	.000	1
S4	5.0000	5.0148	.015	.295	.34318	.001	1
S5	10.000	9.8869	-.113	-1.13	.67715	.001	1

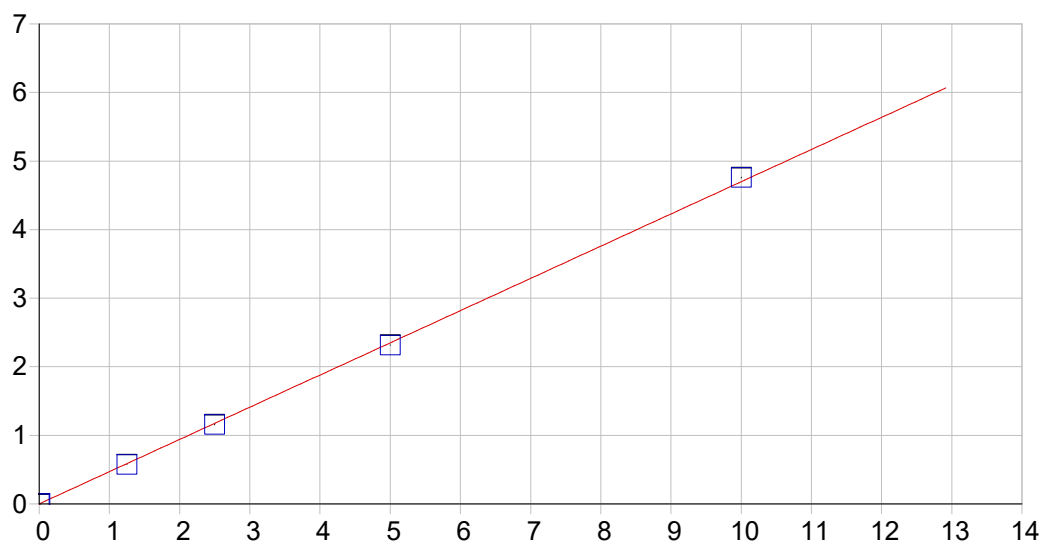


B 249.678 {135}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002124	Re-Slope:	1.000000
A1 (Gain):	0.526135	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997512	Status:	OK.
Std Error of Est:	0.001833		
Predicted MDL:	0.000949		
Predicted MQL:	0.003165		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00217	.001	1
S1	.10000	.01043	-.090	-89.6	.00750	.000	1
S2	1.2500	1.2566	.007	.527	.61553	.007	1
S3	2.5000	2.5335	.034	1.34	1.2396	.009	1
S4	5.0000	5.0264	.026	.527	2.4557	.021	1
S5	10.000	10.030	.030	.299	4.8973	.027	1

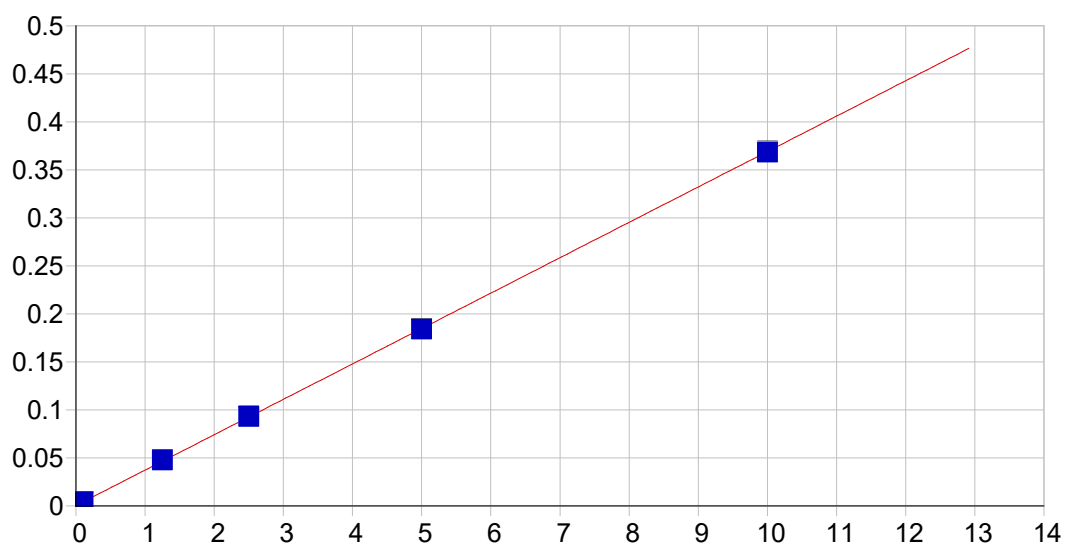


Mo 202.030 {467}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.469752 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000490
 Predicted MQL: 0.001633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.01000	.01048	.000	4.79	.00541	.000	1
S2	1.2500	1.2250	-.025	-2.00	.57592	.002	1
S3	2.5000	2.4628	-.037	-1.49	1.1574	.005	1
S4	5.0000	4.9294	-.071	-1.41	2.3161	.004	1
S5	10.000	10.132	.132	1.32	4.7602	.006	1

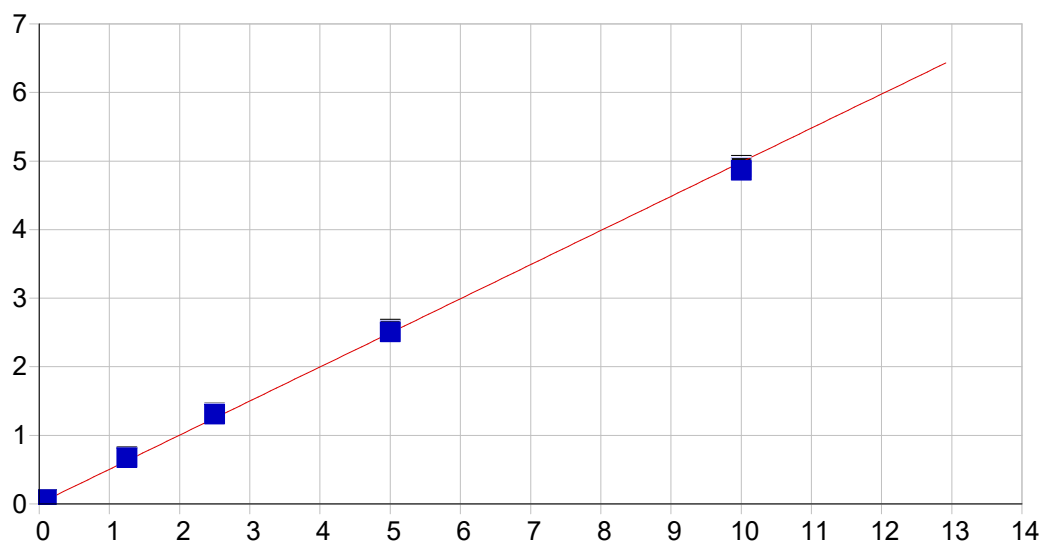


S 182.034 {485}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000439 Re-Slope: 1.000000
 A1 (Gain): 0.036870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004332
 Predicted MQL: 0.014439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00044	.000	1
S1	.10000	.10533	.005	5.33	.00432	.000	1
S2	1.2500	1.2782	.028	2.26	.04766	.000	1
S3	2.5000	2.5093	.009	.374	.09315	.000	1
S4	5.0000	4.9782	-.022	-.435	.18437	.000	1
S5	10.000	9.9789	-.021	-.211	.36914	.000	1

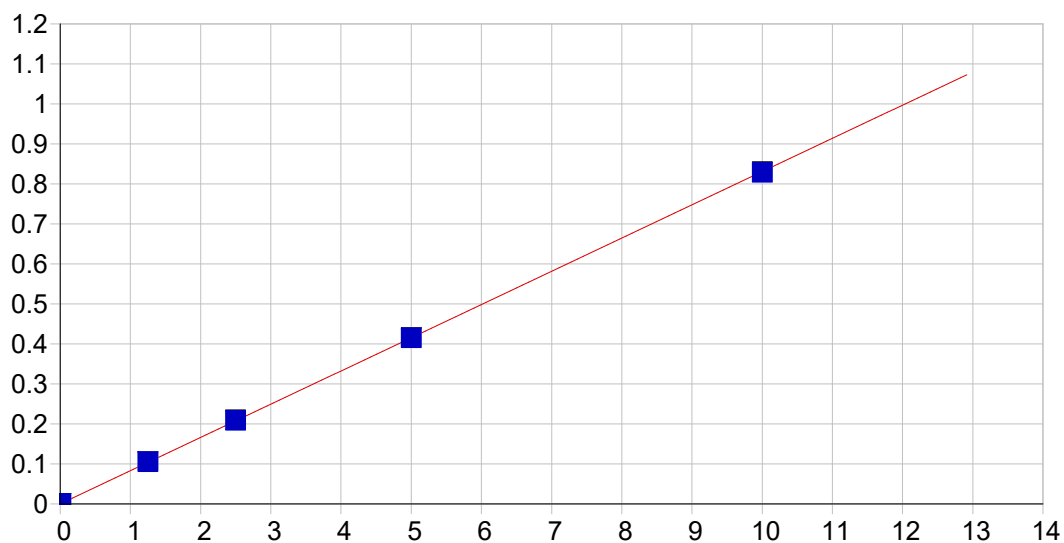


Si 251.611 {134}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007332 Re-Slope: 1.000000
A1 (Gain): 0.497474 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999528 Status: OK.
Std Error of Est: 0.000819
Predicted MDL: 0.001020
Predicted MQL: 0.003401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00732	.000	1
S1	.10000	.10633	.006	6.33	.06040	.001	1
S2	1.2500	1.3404	.090	7.24	.67967	.007	1
S3	2.5000	2.6153	.115	4.61	1.3194	.007	1
S4	5.0000	5.0265	.027	.531	2.5299	.019	1
S5	10.000	9.7614	-.239	-2.39	4.9074	.029	1

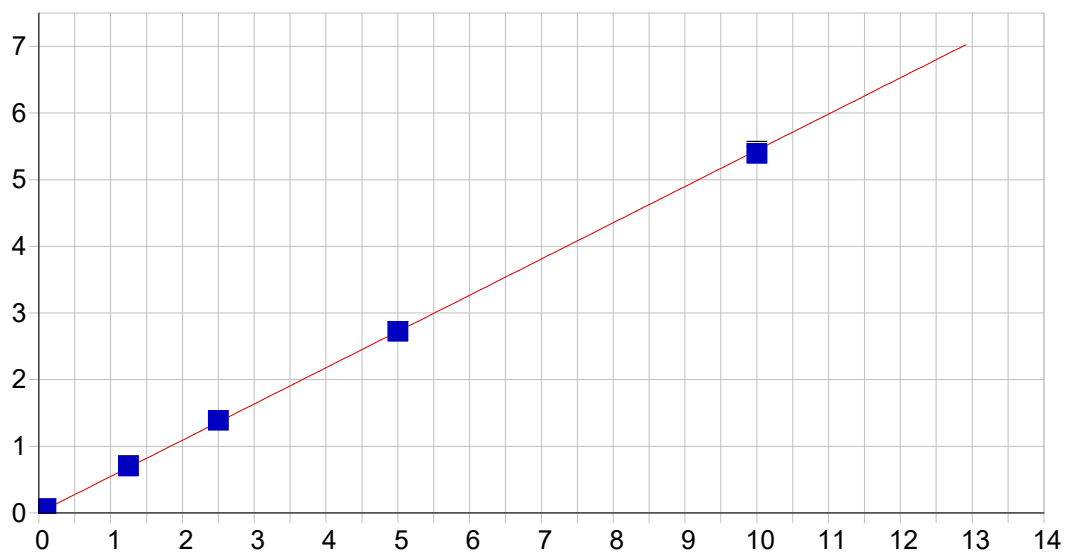


Sn 189.989 {478}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.083032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.001799
 Predicted MQL: 0.005996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.00700	.00799	.001	14.1	.00091	.000	1
S2	1.2500	1.2653	.015	1.22	.10511	.001	1
S3	2.5000	2.5112	.011	.449	.20835	.001	1
S4	5.0000	4.9939	-.006	-.123	.41406	.001	1
S5	10.000	9.9787	-.021	-.213	.82709	.001	1

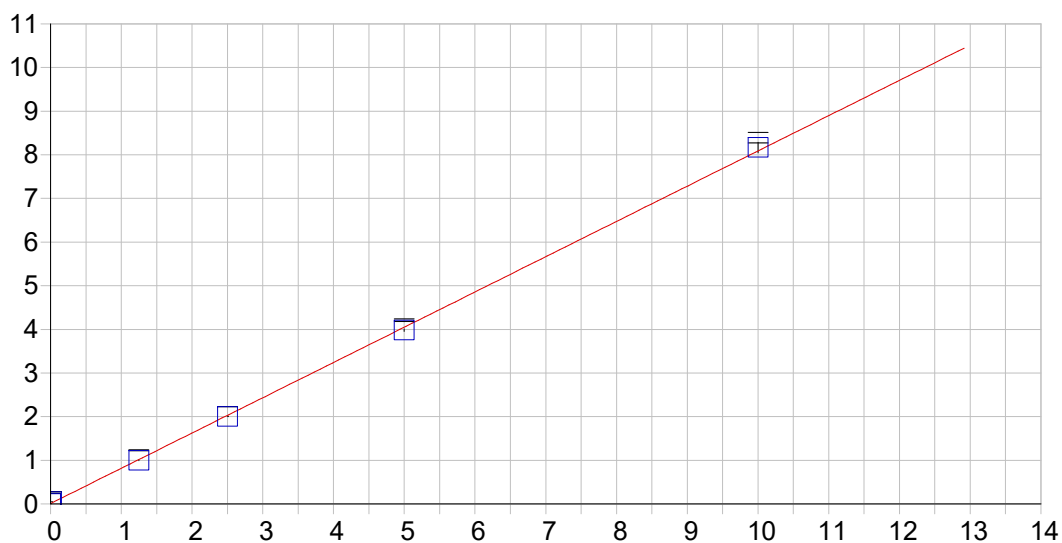


Ti 336.121 {100}

Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003397	Re-Slope:	1.000000
A1 (Gain):	0.543774	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000444		
Predicted MDL:	0.001177		
Predicted MQL:	0.003925		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00339	.001	1
S1	.10000	.11287	.013	12.9	.06476	.001	1
S2	1.2500	1.2867	.037	2.94	.70285	.002	1
S3	2.5000	2.5452	.045	1.81	1.3869	.001	1
S4	5.0000	4.9997	-.000	-.006	2.7212	.000	1
S5	10.000	9.9056	-.094	-.944	5.3879	.037	1

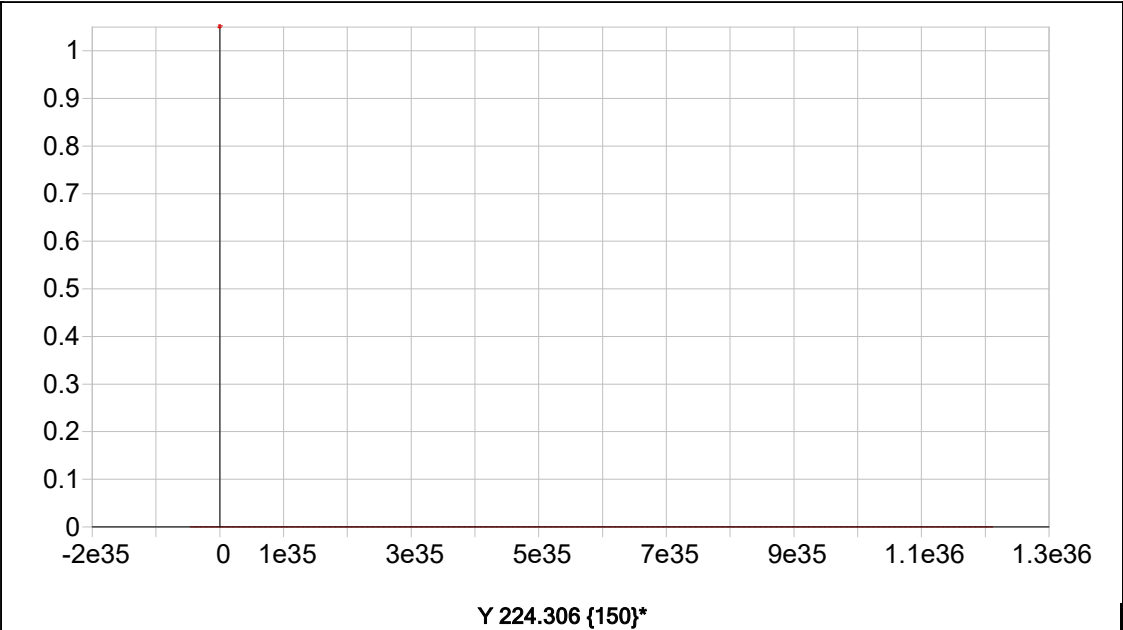


Li 670.784 { 50}

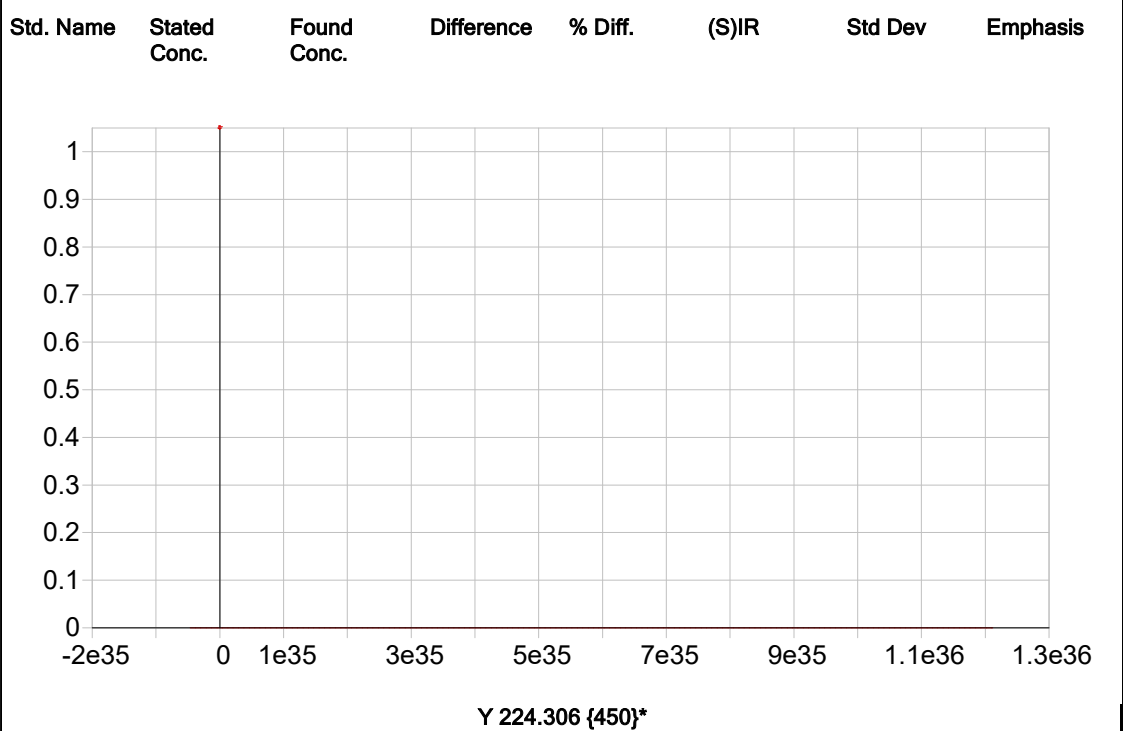
Date of Fit: 08/13/2019 12:29:20 Type of Fit: Linear Weighting: 1/Conc

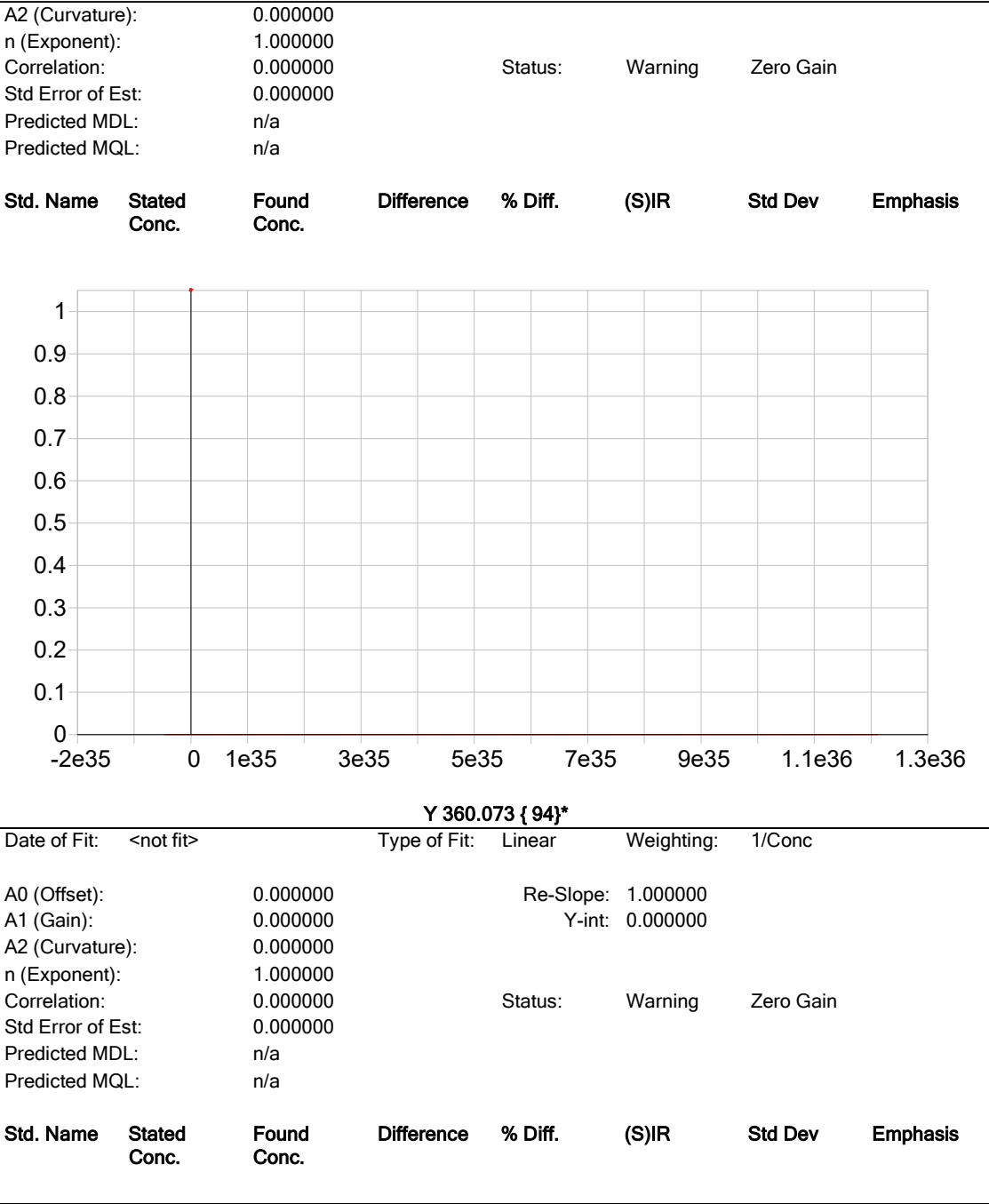
A0 (Offset): 0.008121 Re-Slope: 1.000000
 A1 (Gain): 0.808181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997139 Status: OK.
 Std Error of Est: 0.001258
 Predicted MDL: 0.001942
 Predicted MQL: 0.006474

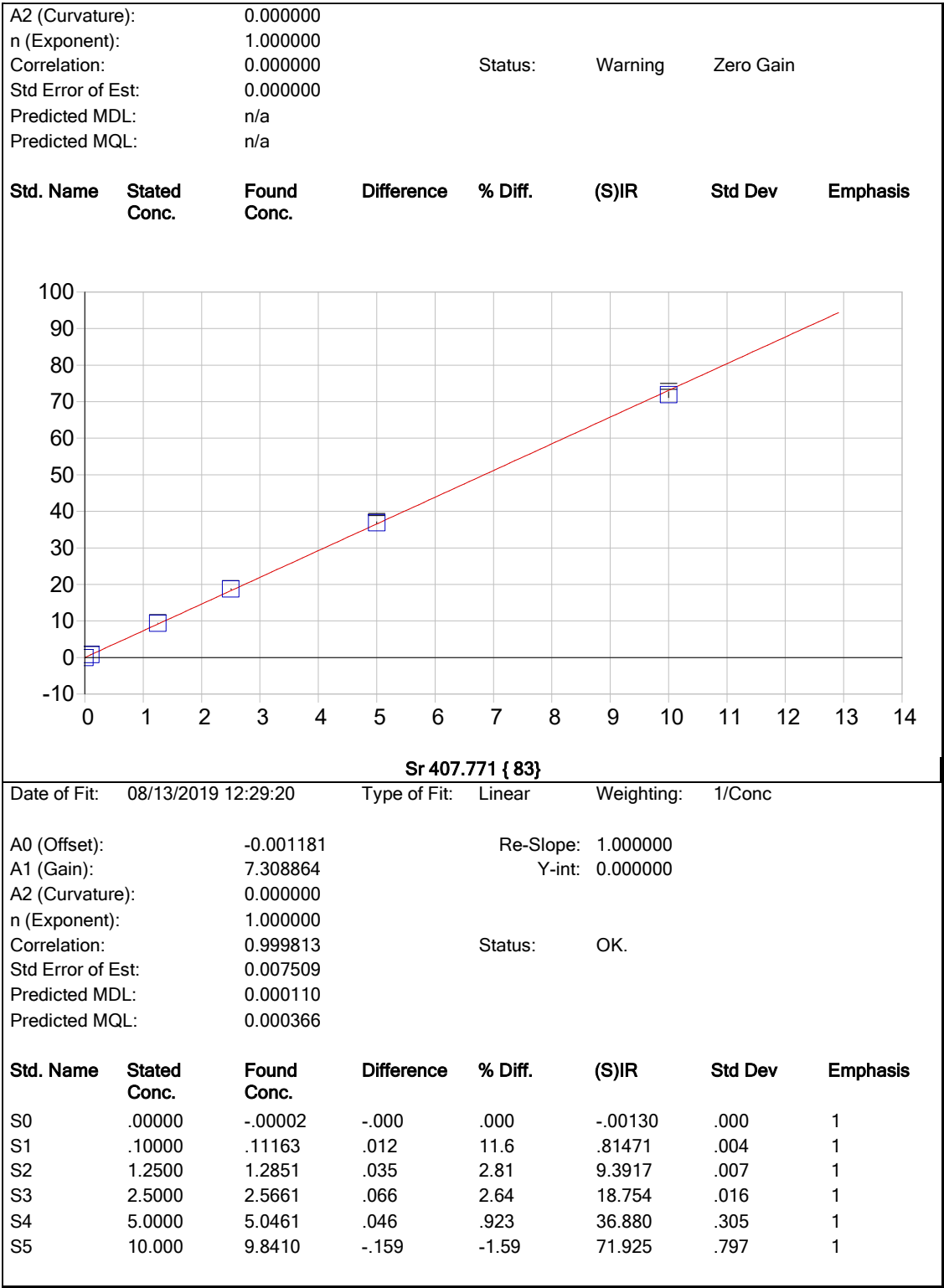
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00809	.001	1
S5	10.000	10.096	.096	.962	8.1677	.121	1
S4	5.0000	4.9167	-.083	-1.67	3.9817	.027	1
S3	2.5000	2.4695	-.031	-1.22	2.0039	.001	1
S2	1.2500	1.2280	-.022	-1.76	1.0006	.009	1
S1	.01500	.05462	.040	264.	.05226	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sample Name: S0 Acquired: 08/13/2019 11:47:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	-.00049	-.00114	.00036	.00081	.00094	.00423	.00398	-.00277
Stddev	.00016	.00023	.00042	.00009	.00024	.00106	.00064	.00022
%RSD	32.954	20.107	117.00	11.347	25.658	24.984	16.150	8.0453
#1	-.00047	-.00088	.00079	.00074	.00119	.00439	.00439	-.00263
#2	-.00066	-.00128	.00034	.00076	.00071	.00310	.00324	-.00302
#3	-.00034	-.00127	-.00005	.00091	.00093	.00520	.00430	-.00264
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	.00016	.00055	-.00001	.00023	.00275	.00055	.00067	-.00008
Stddev	.00027	.00054	.00003	.00034	.00038	.00007	.00027	.00024
%RSD	171.13	97.883	234.31	146.86	13.911	11.965	40.069	284.63
#1	.00004	.00096	-.00004	.00027	.00320	.00058	.00097	-.00018
#2	.00047	.00076	.00000	-.00013	.00254	.00048	.00059	-.00025
#3	-.00003	-.00006	.00000	.00055	.00253	.00060	.00045	.00019
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	-.00239	-.00116	-.00349	.00021	.00086	.01706	-.00067	.00217
Stddev	.00027	.00007	.00172	.00016	.00071	.00069	.00006	.00053
%RSD	11.133	6.3040	49.139	73.637	82.469	4.0170	8.4776	24.214
#1	-.00229	-.00123	-.00227	.00022	.00125	.01731	-.00073	.00251
#2	-.00218	-.00117	-.00546	.00037	.00004	.01758	-.00061	.00156
#3	-.00269	-.00109	-.00275	.00005	.00128	.01628	-.00067	.00244
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	.00049	.00044	.00732	.00027	.00339	.00809	-.00130	
Stddev	.00011	.00008	.00044	.00015	.00058	.00064	.00007	
%RSD	23.412	18.069	6.0745	55.169	17.027	7.9253	5.4916	
#1	.00059	.00035	.00709	.00020	.00384	.00883	-.00125	
#2	.00037	.00046	.00705	.00043	.00359	.00779	-.00138	
#3	.00051	.00050	.00784	.00016	.00274	.00766	-.00127	

Sample Name: S0 Acquired: 08/13/2019 11:47:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1802.0	2902.3	37765.	6850.2	3072.8
Stddev	21.2	.8	172.	13.1	3.6
%RSD	1.1776	.02906	.45541	.19104	.11739
#1	1778.6	2901.5	37697.	6843.4	3070.4
#2	1820.0	2902.3	37960.	6865.3	3070.9
#3	1807.4	2903.2	37637.	6842.0	3076.9

Sample Name: S1 Acquired: 08/13/2019 11:51:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.00023	.00077	.00234	.00342	.01171	.02449	.84037	.02765
Stddev	.00015	.00016	.00021	.00014	.00030	.00094	.00391	.00023
%RSD	66.218	20.611	8.9427	4.1459	2.6016	3.8242	.46470	.83209

#1	.00014	.00067	.00212	.00334	.01205	.02452	.83591	.02747
#2	.00041	.00095	.00238	.00358	.01146	.02355	.84320	.02758
#3	.00015	.00068	.00253	.00333	.01162	.02542	.84199	.02791

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	.01364	.40230	.00229	.04597	.00889	.00435	.01403	.06281
Stddev	.00033	.00293	.00008	.00047	.00063	.00025	.00048	.00054
%RSD	2.4488	.72742	3.5810	1.0252	7.0479	5.6982	3.4516	.85884

#1	.01392	.39923	.00236	.04580	.00823	.00409	.01358	.06255
#2	.01372	.40505	.00231	.04650	.00948	.00458	.01454	.06343
#3	.01327	.40261	.00220	.04560	.00894	.00439	.01397	.06246

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	.02652	.00326	.02203	.00843	.02448	.12878	.00006	.00750
Stddev	.00039	.00029	.00090	.00031	.00069	.00173	.00001	.00025
%RSD	1.4892	8.7362	4.1045	3.6853	2.8302	1.3447	19.535	3.3296

#1	.02683	.00345	.02161	.00864	.02507	.12679	.00007	.00724
#2	.02607	.00293	.02140	.00807	.02465	.12970	.00007	.00774
#3	.02664	.00340	.02306	.00858	.02372	.12986	.00005	.00753

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	.00541	.00432	.06040	.00091	.06476	.05226	.81471
Stddev	.00009	.00018	.00070	.00009	.00064	.00190	.00373
%RSD	1.6241	4.0897	1.1616	10.279	.98078	3.6438	.45839

#1	.00551	.00452	.05964	.00091	.06403	.05009	.81209
#2	.00540	.00424	.06102	.00082	.06502	.05307	.81306
#3	.00533	.00420	.06055	.00101	.06522	.05363	.81899

Sample Name: S1 Acquired: 08/13/2019 11:51:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1810.3	2921.1	38126.	6807.2	3139.9
Stddev	5.5	7.1	91.	62.3	6.2
%RSD	.30546	.24297	.23856	.91502	.19653
#1	1815.8	2913.0	38133.	6859.1	3133.9
#2	1804.8	2926.2	38213.	6738.1	3139.7
#3	1810.2	2924.1	38031.	6824.4	3146.2

Sample Name: S2 Acquired: 08/13/2019 11:55:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.07104	.08057	1.2274	.09246	.21379	3.8236	9.6415	.68774
Stddev	.00041	.00079	.0032	.00042	.00083	.0104	.0686	.00917
%RSD	.57746	.97848	.26377	.45221	.38834	.27086	.71127	1.3328

#1	.07057	.08070	1.2267	.09250	.21315	3.8167	9.6586	.69143
#2	.07125	.07973	1.2246	.09285	.21350	3.8355	9.6998	.69449
#3	.07130	.08129	1.2309	.09202	.21473	3.8187	9.5659	.67731

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4802	4.4706	.76475	.52659	.82717	1.2270	3.0344	.70795
Stddev	.0045	.0381	.00245	.00169	.00072	.0078	.0156	.00340
%RSD	.30115	.85258	.31983	.32166	.08725	.63840	.51448	.47978

#1	1.4822	4.4861	.76285	.52635	.82675	1.2294	3.0432	.70869
#2	1.4751	4.4985	.76389	.52502	.82800	1.2333	3.0437	.71092
#3	1.4833	4.4272	.76751	.52838	.82675	1.2182	3.0164	.70425

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	.39580	.11926	.18034	.09361	1.3728	.78655	.08858	.61553
Stddev	.00111	.00071	.00056	.00060	.0254	.00104	.00045	.00735
%RSD	.27937	.59177	.31266	.64039	1.8502	.13228	.51216	1.1938

#1	.39557	.11876	.17981	.09429	1.3734	.78564	.08855	.61821
#2	.39482	.11895	.18093	.09342	1.3471	.78768	.08815	.62116
#3	.39700	.12007	.18027	.09314	1.3979	.78632	.08905	.60722

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	.57592	.04766	.67967	.10511	.70285	1.0006	9.3917
Stddev	.00151	.00022	.00749	.00051	.00210	.0093	.0075
%RSD	.26177	.45476	1.1022	.48646	.29946	.93029	.07927

#1	.57566	.04766	.68248	.10491	.70203	.99933	9.3947
#2	.57457	.04745	.68535	.10473	.70524	1.0104	9.3833
#3	.57755	.04788	.67118	.10569	.70127	.99195	9.3972

Sample Name: S2 Acquired: 08/13/2019 11:55:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1751.4	2868.6	37631.	6826.6	3197.4
Stddev	9.0	3.5	234.	70.4	10.9
%RSD	.51541	.12277	.62110	1.0314	.34220
#1	1754.5	2864.8	37848.	6803.8	3186.4
#2	1758.4	2871.7	37661.	6770.5	3208.3
#3	1741.2	2869.3	37384.	6905.6	3197.3

Sample Name: S3 Acquired: 08/13/2019 11:59:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.14379	.16481	2.4496	.18529	.43276	7.6769	19.406	1.3662
Stddev	.00014	.00016	.0009	.00033	.00143	.0122	.008	.0068
%RSD	.09659	.09984	.03686	.17980	.33076	.15876	.03886	.49868

#1	.14364	.16462	2.4497	.18537	.43130	7.6691	19.409	1.3583
#2	.14381	.16491	2.4505	.18557	.43281	7.6910	19.412	1.3705
#3	.14392	.16490	2.4487	.18492	.43416	7.6707	19.397	1.3697

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	2.8717	8.8938	1.5090	1.0403	1.6337	2.4237	5.9891	1.4251
Stddev	.0048	.0006	.0051	.0006	.0022	.0040	.0116	.0022
%RSD	.16580	.00708	.33879	.05641	.13442	.16491	.19302	.15634

#1	2.8682	8.8938	1.5118	1.0404	1.6319	2.4280	6.0013	1.4227
#2	2.8698	8.8943	1.5121	1.0407	1.6362	2.4230	5.9784	1.4255
#3	2.8771	8.8931	1.5031	1.0396	1.6330	2.4200	5.9877	1.4271

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	.78559	.24324	.36483	.18726	2.7350	1.5732	.17397	1.2396
Stddev	.00176	.00113	.00100	.00102	.0188	.0033	.00022	.0091
%RSD	.22341	.46628	.27352	.54651	.68898	.21253	.12930	.73536

#1	.78429	.24435	.36521	.18808	2.7551	1.5720	.17386	1.2291
#2	.78490	.24209	.36559	.18611	2.7177	1.5769	.17383	1.2450
#3	.78759	.24329	.36370	.18757	2.7322	1.5706	.17423	1.2448

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	1.1574	.09315	1.3194	.20835	1.3869	2.0039	18.754
Stddev	.0047	.00043	.0074	.00087	.0015	.0014	.016
%RSD	.40971	.46093	.56081	.41807	.10606	.07194	.08365

#1	1.1552	.09346	1.3120	.20781	1.3875	2.0027	18.737
#2	1.1541	.09266	1.3268	.20788	1.3853	2.0035	18.758
#3	1.1628	.09334	1.3193	.20935	1.3880	2.0055	18.768

Sample Name: S3 Acquired: 08/13/2019 11:59:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1706.8	2800.4	37229.	6744.8	3180.8
Stddev	11.9	6.1	326.	8.1	2.7
%RSD	.69685	.21607	.87465	.12033	.08454
#1	1693.4	2805.5	36854.	6735.4	3183.6
#2	1716.2	2802.0	37433.	6749.7	3180.6
#3	1710.8	2793.7	37401.	6749.2	3178.2

Sample Name: S4 Acquired: 08/13/2019 12:03:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.28986	.33803	4.9650	.37195	.87833	15.415	38.098	2.6586
Stddev	.00089	.00022	.0061	.00104	.00090	.028	.200	.0179
%RSD	.30808	.06478	.12316	.28077	.10266	.18306	.52468	.67188

#1	.29011	.33777	4.9579	.37237	.87740	15.431	38.316	2.6678
#2	.28887	.33815	4.9687	.37077	.87838	15.432	37.923	2.6380
#3	.29060	.33815	4.9683	.37273	.87921	15.383	38.055	2.6701

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5188	17.454	2.9345	2.0538	3.2161	4.6905	11.641	2.8235
Stddev	.0063	.105	.0006	.0013	.0028	.0151	.049	.0133
%RSD	.11392	.60435	.01926	.06309	.08612	.32122	.42341	.47007

#1	5.5190	17.558	2.9342	2.0532	3.2188	4.7074	11.689	2.8387
#2	5.5124	17.347	2.9351	2.0553	3.2163	4.6786	11.590	2.8145
#3	5.5249	17.455	2.9341	2.0529	3.2132	4.6854	11.644	2.8172

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	1.5426	.48613	.72636	.36455	5.5131	3.1288	.34318	2.4557
Stddev	.0019	.00470	.00276	.00240	.0453	.0057	.00125	.0212
%RSD	.12476	.96719	.37935	.65761	.82209	.18241	.36382	.86417

#1	1.5429	.49154	.72918	.36731	5.4896	3.1326	.34432	2.4752
#2	1.5406	.48376	.72621	.36343	5.5653	3.1315	.34185	2.4331
#3	1.5444	.48308	.72368	.36293	5.4843	3.1222	.34338	2.4590

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	2.3161	.18437	2.5299	.41406	2.7212	3.9817	36.880
Stddev	.0035	.00030	.0191	.00089	.0000	.0267	.305
%RSD	.15260	.16312	.75474	.21601	.00151	.67022	.82645

#1	2.3166	.18445	2.5434	.41385	2.7212	3.9988	37.077
#2	2.3123	.18404	2.5081	.41329	2.7211	3.9510	37.035
#3	2.3193	.18463	2.5382	.41504	2.7212	3.9953	36.529

Sample Name: S4 Acquired: 08/13/2019 12:03:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1638.5	2711.0	36982.	6701.5	3143.9
Stddev	6.7	4.8	210.	53.8	3.1
%RSD	.40931	.17673	.56662	.80320	.09940
#1	1637.8	2709.1	36752.	6656.6	3144.8
#2	1632.2	2716.4	37035.	6761.2	3146.4
#3	1645.5	2707.5	37161.	6686.7	3140.4

Sample Name: S5 Acquired: 08/13/2019 12:07:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.59437	.69207	10.075	.75569	1.8342	31.416	75.191	5.2134
Stddev	.00159	.00041	.006	.00198	.0020	.150	.952	.0253
%RSD	.26818	.05948	.05598	.26144	.10788	.47674	1.2661	.48508

#1	.59574	.69174	10.070	.75797	1.8365	31.577	75.952	5.2392
#2	.59474	.69253	10.074	.75445	1.8336	31.281	74.123	5.1887
#3	.59262	.69194	10.081	.75465	1.8327	31.389	75.497	5.2121

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.600	34.524	5.7483	4.0800	6.4010	9.1800	22.851	5.6916
Stddev	.009	.441	.0101	.0017	.0104	.0678	.235	.0411
%RSD	.08672	1.2764	.17536	.04078	.16274	.73830	1.0276	.72284

#1	10.590	35.004	5.7427	4.0785	6.4094	9.2568	23.116	5.7363
#2	10.607	34.138	5.7422	4.0797	6.3893	9.1287	22.668	5.6554
#3	10.603	34.429	5.7599	4.0818	6.4043	9.1543	22.769	5.6830

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	3.0439	1.0003	1.4601	.72108	11.409	6.3437	.67715	4.8973
Stddev	.0030	.0030	.0132	.00351	.033	.0245	.00149	.0274
%RSD	.09931	.30397	.90509	.48657	.28497	.38642	.22024	.56039

#1	3.0422	1.0037	1.4749	.72266	11.379	6.3705	.67886	4.9275
#2	3.0422	.99793	1.4495	.71707	11.406	6.3224	.67649	4.8738
#3	3.0474	.99919	1.4558	.72353	11.443	6.3383	.67610	4.8907

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7602	.36914	4.9074	.82709	5.3879	8.1677	71.925
Stddev	.0063	.00044	.0286	.00127	.0368	.1215	.797
%RSD	.13136	.11877	.58208	.15410	.68335	1.4870	1.1075

#1	4.7655	.36915	4.9321	.82652	5.4279	8.3017	72.361
#2	4.7617	.36957	4.8761	.82855	5.3554	8.0649	71.006
#3	4.7533	.36869	4.9140	.82621	5.3805	8.1365	72.409

Sample Name: S5 Acquired: 08/13/2019 12:07:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	1515.0	2544.8	35943.	6575.0	3075.1
Stddev	13.7	3.3	286.	87.7	4.0
%RSD	.90556	.12873	.79486	1.3338	.12889
#1	1504.2	2545.0	35620.	6481.3	3079.4
#2	1530.4	2541.5	36163.	6655.1	3071.6
#3	1510.3	2548.0	36046.	6588.6	3074.4

Sample Name: S6 Acquired: 08/13/2019 12:11:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	86.919	58.452	25.855	9.8015	4.2217
Stddev	.454	.294	.112	.0381	.0051
%RSD	.52249	.50215	.43351	.38904	.12100

#1	86.398	58.676	25.843	9.7928	4.2273
#2	87.131	58.120	25.972	9.8432	4.2205
#3	87.229	58.560	25.749	9.7684	4.2173

Int. Std.	Y_3710
Units	Cts/S
Avg	6413.4
Stddev	18.0
%RSD	.28108

#1	6400.6
#2	6405.5
#3	6434.0

Sample Name: ICV Acquired: 08/13/2019 12:20:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.001316	.9789513	1.020071	.9938838	.9698493	2.356237
Stddev	.003948	.0044278	.001388	.0010368	.0028697	.021559
%RSD	.3942608	.4523012	.1360674	.1043171	.2958887	.9149966

#1	.996986	.9791950	1.020889	.9948128	.9682312	2.334298
#2	1.002247	.9744067	1.018468	.9940733	.9731626	2.357019
#3	1.004716	.9832523	1.020854	.9927653	.9681541	2.377395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5299547	.5265447	.5442665	10.67733	.5353435	.5398345
Stddev	.0053247	.0061683	.0009513	.13022	.0018187	.0010376
%RSD	1.004738	1.171459	.1747887	1.219582	.3397254	.1922070

#1	.5354148	.5328456	.5443785	10.80888	.5332810	.5397080
#2	.5247768	.5205182	.5432642	10.54848	.5367173	.5388660
#3	.5296726	.5262702	.5451569	10.67464	.5360320	.5409295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5053533	5.511143	.5339523	5.979380	.5501234	.4597618
Stddev	.0034760	.037996	.0061356	.038727	.0011462	.0012167
%RSD	.6878301	.6894419	1.149094	.6476725	.2083611	.2646443

#1	.5089981	5.554677	.5404569	6.016072	.5510880	.4589083
#2	.5020753	5.484652	.5282683	5.938897	.5504261	.4611550
#3	.5049865	5.494101	.5331317	5.983170	.5488562	.4592221

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75588	.5437402	1.017949	10.36878	F .0062116	F 4.111353
Stddev	.21285	.0078377	.005772	.03446	.0009130	.041421
%RSD	1.978907	1.441450	.5669924	.3322995	14.69858	1.007489

#1	10.70660	.5460678	1.011957	10.40800	.0052200	4.155698
#2	10.98905	.5350023	1.023471	10.35501	.0070174	4.073660
#3	10.57200	.5501506	1.018417	10.34334	.0063975	4.104700

Sample Name: ICV Acquired: 08/13/2019 12:20:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.922926	F .0049187	F 3.955406	F 4.105897	F 4.233760	F .0095097
Stddev	.003877	.0048767	.037953	.006702	.030937	.0011996
%RSD	.0988280	99.14610	.9595173	.1632367	.7307239	12.61449
#1	3.919774	.0101509	3.996441	4.098502	4.263865	.0081767
#2	3.927255	.0041051	3.921565	4.107617	4.202053	.0105024
#3	3.921749	.0004999	3.948213	4.111572	4.235361	.0098501

Elem	Sr4077
Units	ppm
Avg	F .0126164
Stddev	.0000449
%RSD	.3560440
#1	.0126665
#2	.0126027
#3	.0125798

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.751	2952.308	38254.12	6861.034	3216.641
Stddev	5.933	6.473	99.73	79.024	7.715
%RSD	.3255105	.2192353	.2606963	1.151782	.2398338
#1	1816.682	2945.635	38305.28	6774.889	3208.543
#2	1823.034	2952.730	38139.20	6930.166	3223.903
#3	1828.538	2958.559	38317.89	6878.048	3217.478

Sample Name: ICB Acquired: 08/13/2019 12:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	.0039621	.0004987	-.002346	-.000956	-.005436	-.000176
Stddev	.001988	.0019443	.0016418	.001904	.001023	.007677	.000143
%RSD	1664.602	49.07069	329.2212	81.15772	107.0816	141.2320	81.20356

#1	.001241	.0053339	.0015260	-.002882	.000044	-.003359	-.000278
#2	-.002401	.0017372	.0013649	-.003924	-.000909	.000989	-.000236
#3	.000801	.0048153	-.001395	-.000231	-.002001	-.013938	-.000013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000002	-.007483	-.000025	.0001302	.0031344	-.000435
Stddev	.000048	.000166	.010542	.000520	.0004646	.0019566	.007336
%RSD	389.8580	9019.030	140.8931	2079.758	356.7822	62.42275	1687.680

#1	-.000067	-.000194	-.006215	-.000107	.0006344	.0042862	.005241
#2	.000005	.000085	-.018601	.000531	.0000369	.0042417	.002174
#3	.000025	.000103	.002369	-.000499	-.000281	.0008753	-.008719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000871	-.021763	.0002530	.0003620	.2247375	.0012641	-.000791
Stddev	.0002670	.009651	.0002766	.0001437	.1496763	.0003770	.001026
%RSD	306.3747	44.34603	109.3292	39.69283	66.60048	29.82169	129.6270

#1	.0002801	-.031592	.0001718	.0002870	.2833965	.0008288	-.001084
#2	-.000218	-.021397	.0005610	.0005277	.3361998	.0014863	-.001639
#3	.000199	-.012301	.0000261	.0002713	.0546162	.0014771	.000349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009039	-.000535	.0095489	-.000009	-.002938	-.002121	.0019743
Stddev	.121872	.001224	.0007261	.000609	.002307	.000367	.0011088
%RSD	1348.357	228.7185	7.604358	7133.445	78.52828	17.29031	56.16279

#1	.047169	.000878	.0094491	.000473	-.004315	-.002421	.0030772
#2	.074587	-.001207	.0088778	.000194	-.004224	-.002229	.0008597
#3	-.148871	-.001276	.0103197	-.000693	-.000274	-.001712	.0019859

Sample Name: ICB Acquired: 08/13/2019 12:31:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001420	.0022557	.0002178
Stddev	.0007327	.0001850	.0000709
%RSD	516.1581	8.199452	32.53283

#1	-.000390	.0024586	.0002605
#2	.000978	.0020966	.0001360
#3	-.000161	.0022118	.0002569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.174	2951.035	38033.68	6829.597	3120.284
Stddev	5.647	3.948	61.38	56.139	4.305
%RSD	.3099080	.1337937	.1613810	.8219927	.1379537

#1	1816.943	2946.477	38060.20	6765.400	3122.356
#2	1828.161	2953.389	37963.50	6853.906	3123.161
#3	1821.416	2953.240	38077.34	6869.484	3115.335

Sample Name: ICSA Acquired: 08/13/2019 12:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.0025202	.0059915	-.002813	-.001207	.0014204	232.9102
Stddev	.0013045	.0015807	.000825	.001888	.0007274	.8284
%RSD	51.76024	26.38289	29.34121	156.4298	51.20780	.3556921

#1	.0010560	.0042999	-.003387	-.000355	.0022153	231.9653
#2	.0029462	.0062436	-.003185	-.003371	.0007882	233.2536
#3	.0035584	.0074311	-.001867	.000105	.0012577	233.5117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063920	.0012075	.0011967	250.0868	.0491173	.0002079
Stddev	.0000993	.0000344	.0001327	.8439	.0007309	.0004306
%RSD	1.553828	2.852091	11.09163	.3374453	1.488024	207.1858

#1	.0063725	.0012167	.0013389	249.3449	.0488531	.0006996
#2	.0064996	.0011693	.0011751	249.9105	.0499436	.0000258
#3	.0063039	.0012363	.0010761	251.0049	.0485553	-.000102

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027912	101.6249	.0146486	255.2124	-.000302	-.001529
Stddev	.0007527	.4212	.0005380	.9316	.000414	.000201
%RSD	26.96769	.4144919	3.672593	.3650354	137.0979	13.16669

#1	.0023568	101.1693	.0151719	254.1421	.000151	-.001498
#2	.0036604	101.7053	.0140971	255.6546	-.000397	-.001344
#3	.0023565	102.0002	.0146769	255.8406	-.000659	-.001743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.099801	.0003567	-.004480	-.115410	.0053628	.0037607
Stddev	.148153	.0008851	.001223	.069449	.0013004	.0029458
%RSD	148.4486	248.1455	27.31027	60.17623	24.24886	78.33274

#1	.044640	.0002700	-.005468	-.194524	.0062304	.0012584
#2	-.251407	.0012820	-.004859	-.064502	.0059904	.0030164
#3	-.092636	-.000482	-.003111	-.087202	.0038676	.0070072

Sample Name: ICSA Acquired: 08/13/2019 12:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.0001208	F .0035775	F -.003731	-.000393	F -.000815	W .0054152
Stddev	.0005708	.0010877	.001659	.002017	.000648	.0019541
%RSD	472.3924	30.40492	44.47092	513.4645	79.45844	36.08503

#1	-.000365	.0034560	-.001823	.001453	-.001513	.0068162
#2	.000749	.0047209	-.004537	-.002546	-.000698	.0031829
#3	-.000021	.0025556	-.004834	-.000086	-.000234	.0062465

Elem	Sr4077
Units	ppm
Avg	F .1027724
Stddev	.0002737
%RSD	.2663549

#1	.1025404
#2	.1027025
#3	.1030743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.386	2864.150	37047.08	6704.103	3154.151
Stddev	31.628	8.636	291.44	12.515	10.810
%RSD	1.813159	.3015299	.7866614	.1866829	.3427354

#1	1758.318	2860.965	37086.29	6716.350	3146.003
#2	1766.656	2873.927	37316.93	6704.625	3166.415
#3	1708.183	2857.559	36738.03	6691.335	3150.036

Sample Name: ICSAB Acquired: 08/13/2019 12:39:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	.0989467	.1077200	.0472339	.0439472	.6011273	236.3918
Stddev	.0044268	.0014738	.0017045	.0021959	.0017905	1.4278
%RSD	4.473879	1.368201	3.608557	4.996597	.2978624	.6040148

#1	.1036057	.1063791	.0491896	.0454026	.5990675	234.8059
#2	.0984382	.1074830	.0460645	.0450175	.6023117	237.5753
#3	.0947961	.1092980	.0464477	.0414214	.6020027	236.7940

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5303781	.5251001	1.012623	254.0065	.5601932	.5198637
Stddev	.0014183	.0041767	.001286	.3981	.0028534	.0000965
%RSD	.2674038	.7954207	.1269788	.1567185	.5093583	.0185706

#1	.5288752	.5252187	1.013636	253.7143	.5634855	.5199729
#2	.5316929	.5292163	1.011177	254.4599	.5584349	.5198288
#3	.5305663	.5208653	1.013058	253.8454	.5586592	.5197895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4849365	103.3670	.5304209	260.0195	1.044731	.2058318
Stddev	.0033223	.3283	.0014193	.9730	.000522	.0003794
%RSD	.6850905	.3176177	.2675739	.3742086	.0499464	.1843185

#1	.4817422	103.0535	.5293704	259.0742	1.044963	.2054473
#2	.4883734	103.7084	.5320354	261.0181	1.044133	.2058424
#3	.4846940	103.3390	.5298567	259.9661	1.045096	.2062058

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.133772	.5130969	.9750849	-.151172	.0075234	.0040917
Stddev	.204096	.0075875	.0075387	.074957	.0036312	.0022636
%RSD	152.5702	1.478772	.7731295	49.58352	48.26565	55.32102

#1	-.359808	.5043359	.9740579	-.168753	.0081713	.0053935
#2	-.078510	.5175503	.9681124	-.068988	.0107870	.0014780
#3	.037003	.5174044	.9830844	-.215775	.0036118	.0054037

Sample Name: ICSAB Acquired: 08/13/2019 12:39:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) 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	-.000410	F .0075823	F -.002980	-.002406	F -.000255	W .0036652
Stddev	.000194	.0060086	.000699	.001025	.001047	.0024673
%RSD	47.31593	79.24524	23.47112	42.62964	409.8809	67.31702

#1	-.000242	.0046016	-.002791	-.003568	.000953	.0064642
#2	-.000366	.0144986	-.003754	-.001631	-.000881	.0018057
#3	-.000623	.0036468	-.002394	-.002018	-.000838	.0027256

Elem	Sr4077
Units	ppm
Avg	F .1034611
Stddev	.0006404
%RSD	.6189604

#1	.1027469
#2	.1039842
#3	.1036522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.912	2857.819	36972.28	6686.771	3150.128
Stddev	10.863	1.095	99.11	44.740	.760
%RSD	.6257561	.0383272	.2680567	.6690886	.0241233

#1	1725.345	2858.735	36862.29	6685.806	3149.690
#2	1747.048	2858.116	37054.62	6642.521	3151.005
#3	1735.343	2856.606	36999.93	6731.986	3149.689

Sample Name: CCV037 Acquired: 08/13/2019 12:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050004	5.228031	26.11902	5.031603	5.118186	406.1837	10.59183
Stddev	.021080	.017322	.02992	.016567	.014724	1.1288	.02768
%RSD	.4174301	.3313282	.1145623	.3292583	.2876792	.2779001	.2613236

#1	5.070087	5.247375	26.08964	5.050615	5.134208	407.2838	10.60354
#2	5.028051	5.222767	26.11797	5.020262	5.105249	405.0282	10.61173
#3	5.051876	5.213953	26.14945	5.023932	5.115102	406.2392	10.56022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5228982	2.476601	422.7165	15.68139	2.606117	15.71326	419.7593
Stddev	.0045609	.002286	.6804	.05087	.001379	.05452	.8703
%RSD	.8722299	.0923007	.1609510	.3244196	.0529162	.3469802	.2073411

#1	.5180794	2.474889	422.9639	15.69649	2.604903	15.67939	418.7606
#2	.5234676	2.475717	423.2385	15.62468	2.605831	15.68423	420.3558
#3	.5271477	2.479197	421.9470	15.72301	2.607616	15.77615	420.1615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68757	416.4257	2.579733	1.334710	412.8320	2.589925	15.50295
Stddev	.01566	.8585	.002918	.004521	.1067	.007157	.02219
%RSD	.0998466	.2061561	.1130940	.3387469	.0258496	.2763426	.1431406

#1	15.67599	415.8079	2.578460	1.339593	412.7363	2.583561	15.47959
#2	15.70539	416.0633	2.577669	1.330668	412.9471	2.588541	15.52375
#3	15.68133	417.4060	2.583071	1.333870	412.8125	2.597673	15.50551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.7340	5.117269	5.252953	5.068351	5.094533	5.207408	5.181883
Stddev	.3436	.010764	.035310	.017215	.021434	.044155	.002452
%RSD	.2178106	.2103413	.6721869	.3396606	.4207182	.8479331	.0473103

#1	157.3517	5.126257	5.214362	5.086124	5.076189	5.165306	5.184608
#2	158.0170	5.120209	5.260853	5.051754	5.118094	5.203553	5.181184
#3	157.8332	5.105340	5.283643	5.067173	5.089317	5.253364	5.179857

Sample Name: CCV037 Acquired: 08/13/2019 12:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.247386	5.382360	5.267473
Stddev	.013768	.018503	.102798
%RSD	.2623837	.3437724	1.951556

#1	5.247225	5.380181	5.339302
#2	5.233699	5.401857	5.313398
#3	5.261235	5.365044	5.149718

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.757	2675.943	35722.23	6486.025	3110.636
Stddev	9.818	3.731	263.96	15.824	2.943
%RSD	.6230371	.1394294	.7389177	.2439780	.0946240

#1	1574.384	2671.713	35449.79	6494.854	3113.953
#2	1566.699	2678.763	35740.10	6467.756	3109.619
#3	1586.190	2677.355	35976.80	6495.465	3108.336

Sample Name: PB122202BL Acquired: 08/13/2019 12:53:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003365	.0018545	.0007758	-.001313	-.000656	.0003399	-.000454
Stddev	.0019535	.0015283	.0021491	.002315	.001132	.0018924	.000418
%RSD	580.5763	82.40818	277.0230	176.3675	172.5671	556.8093	92.21616

#1	.0011813	.0011010	.0029729	-.003698	-.001836	.0000334	-.000920
#2	.0017254	.0008494	-.001322	.000925	-.000552	.0023668	-.000112
#3	-.001897	.0036133	.000676	-.001165	.000421	-.001381	-.000329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	.0000162	-.010512	.0003764	-.000043	.0010701	-.000732
Stddev	.000019	.0000791	.002562	.0003171	.000220	.0026893	.005474
%RSD	19.42633	486.8165	24.37140	84.22868	513.1182	251.3125	748.2448

#1	-.000084	-.000003	-.008110	.0001777	.000197	.0034067	.004951
#2	-.000096	-.000052	-.013208	.0002096	-.000235	-.001870	-.001176
#3	-.000122	.000103	-.010217	.0007421	-.000090	.001673	-.005969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000594	-.034430	.0002448	.0002623	-.002823	-.001189	-.000775
Stddev	.0001772	.034663	.0004267	.0001609	.382443	.000632	.001180
%RSD	298.2542	100.6767	174.3024	61.32772	13547.05	53.16738	152.1620

#1	-.000033	-.074454	.0004439	.0001324	.409612	-.001233	.000537
#2	-.000053	-.014623	.0005355	.0002122	-.345734	-.001799	-.001115
#3	.000264	-.014212	-.000245	.0004422	-.072347	-.000536	-.001748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179423	-.001153	.0054840	-.000252	-.003584	-.002765	.0016323
Stddev	.0718780	.000830	.0001668	.000399	.005537	.000303	.0010797
%RSD	400.6068	72.00430	3.042463	158.2135	154.4971	10.94754	66.14612

#1	-.064730	-.001948	.0053166	.000201	.000235	-.003108	.0004098
#2	.065638	-.000292	.0056503	-.000408	-.001053	-.002654	.0020319
#3	.052919	-.001219	.0054851	-.000550	-.009934	-.002534	.0024552

Sample Name: PB122202BL Acquired: 08/13/2019 12:53:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW202 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010967	.0034655	.0000075
Stddev	.0009026	.0020408	.0000654
%RSD	82.29937	58.88873	869.8233

#1	.0019154	.0056636	.0000477
#2	.0001289	.0016309	-.000068
#3	.0012458	.0031020	.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.811	2954.426	37921.70	6754.686	3132.741
Stddev	14.927	10.767	128.45	21.016	6.519
%RSD	.8193579	.3644261	.3387197	.3111263	.2080977

#1	1816.954	2947.554	37851.99	6731.175	3126.780
#2	1809.917	2948.890	37843.18	6771.645	3131.738
#3	1838.562	2966.834	38069.93	6761.239	3139.703

Sample Name: CCB037 Acquired: 08/13/2019 12:47:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB037 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022762	.0014872	.0002834	-.002141	-.000243	.0074863	.0004660
Stddev	.0012854	.0010407	.0004383	.001660	.000383	.0187151	.0001689
%RSD	56.47073	69.97708	154.6540	77.51105	157.9912	249.9932	36.25409

#1	.0037601	.0013215	.0002698	-.001328	-.000448	.0272716	.0002941
#2	.0015108	.0005393	-.000148	-.004050	.000200	.0051210	.0006319
#3	.0015576	.0026007	.000728	-.001045	-.000479	-.009934	.0004720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	-.000026	.0133893	.0007975	-.000071	.0065462	.0124339
Stddev	.0000592	.000065	.0105215	.0001844	.000156	.0020286	.0033256
%RSD	6049.499	252.6272	78.58182	23.12181	218.9171	30.98918	26.74674

#1	-.000011	-.000041	.0205284	.0010045	-.000235	.0088712	.0146980
#2	-.000051	.000045	.0013063	.0006508	-.000053	.0051362	.0086157
#3	.000065	-.000081	.0183332	.0007372	.000075	.0056313	.0139879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000437	.0160318	.0005550	.0001309	.3590965	.0031036	.0005459
Stddev	.0002135	.0286914	.0004888	.0001348	.0871693	.0012653	.0015010
%RSD	488.1803	178.9656	88.07350	103.0253	24.27462	40.76697	274.9725

#1	-.000023	.0316078	.0008750	-.000012	.3908156	.0036398	.0001974
#2	-.000129	-.017079	-.000008	.000256	.4259649	.0040125	.0021905
#3	.000282	.033567	.000798	.000149	.2605090	.0016586	-.000750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025834	-.000622	.0129378	.0003246	-.004118	-.001598	.0023599
Stddev	.036195	.000620	.0009816	.0002001	.000144	.001011	.0008680
%RSD	140.1058	99.59955	7.587142	61.63713	3.503649	63.24381	36.78306

#1	-.066496	.000016	.0137569	.0001679	-.004107	-.001125	.0021981
#2	-.013867	-.001221	.0132068	.0002559	-.004267	-.000911	.0015841
#3	.002862	-.000661	.0118498	.0005499	-.003979	-.002759	.0032974

Sample Name: CCB037 Acquired: 08/13/2019 12:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010151	.0054161	.0002169
Stddev	.0003168	.0003095	.0000998
%RSD	31.20811	5.713582	46.00579

#1	.0007120	.0057715	.0001187
#2	.0013440	.0052068	.0003182
#3	.0009892	.0052699	.0002137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.628	2973.628	38197.81	6764.288	3147.210
Stddev	2.954	5.666	97.82	61.340	4.093
%RSD	.1597030	.1905431	.2560982	.9068283	.1300455

#1	1846.377	2977.050	38182.76	6834.623	3143.124
#2	1850.359	2976.746	38108.37	6736.360	3151.309
#3	1852.148	2967.088	38302.28	6721.881	3147.196

Sample Name: K4218-01 Acquired: 08/13/2019 13:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046962	.0028418	.0059262	-.003844	-.001648	.2842230	.0403129
Stddev	.0006169	.0032216	.0011334	.002116	.000548	.0028015	.0006278
%RSD	13.13596	113.3659	19.12586	55.03748	33.21912	.9856827	1.557288

#1	.0051967	-.000255	.0060031	-.003501	-.001434	.2831797	.0410343
#2	.0040070	.006175	.0047563	-.001921	-.002271	.2820929	.0400143
#3	.0048848	.002605	.0070193	-.006111	-.001240	.2873966	.0398901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001305	.0000200	54.32594	.0011447	-.000764	.0081567	.5498415
Stddev	.0000420	.0000121	.12268	.0001991	.000124	.0022128	.0123505
%RSD	32.15353	60.46625	.2258176	17.39257	16.25526	27.12866	2.246187

#1	.0001790	.0000086	54.41015	.0013738	-.000623	.0083941	.5438597
#2	.0001053	.0000328	54.38247	.0010468	-.000858	.0058348	.5640439
#3	.0001073	.0000187	54.18519	.0010134	-.000810	.0102413	.5416209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434927	13.54406	.0032708	.0005308	13.53853	.0051527	.0626663
Stddev	.0003767	.03843	.0005324	.0003219	.11601	.0024957	.0016933
%RSD	.8662088	.2837069	16.27600	60.64202	.8568781	48.43486	2.702056

#1	.0439259	13.52182	.0026801	.0006099	13.40459	.0043684	.0636592
#2	.0433100	13.58843	.0034187	.0008057	13.60742	.0031434	.0636285
#3	.0432422	13.52194	.0037136	.0001767	13.60358	.0079464	.0607112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.505113	.1256338	.0799283	.0042243	11.00164	3.113148	-.000892
Stddev	.103755	.0012850	.0009608	.0002463	.01143	.018550	.001357
%RSD	2.303042	1.022842	1.202048	5.829711	.1038730	.5958693	152.1428

#1	4.421430	.1256267	.0803385	.0044438	10.99367	3.125409	-.000106
#2	4.472704	.1243524	.0788305	.0039580	10.99653	3.091807	-.000110
#3	4.621203	.1269225	.0806159	.0042711	11.01473	3.122228	-.002459

Sample Name: K4218-01 Acquired: 08/13/2019 13:01:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0056298	.0023925	.5661432
Stddev	.0011780	.0022566	.0009869
%RSD	20.92549	94.32208	.1743247

#1	.0044068	.0049166	.5661178
#2	.0067571	.0005703	.5671426
#3	.0057253	.0016905	.5651692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.708	3065.586	39107.34	6944.529	3254.393
Stddev	19.264	3.288	417.28	21.612	3.435
%RSD	1.028131	.1072441	1.067017	.3112134	.1055405

#1	1894.882	3067.368	39479.55	6962.064	3258.008
#2	1857.216	3067.598	38656.25	6920.383	3253.997
#3	1869.026	3061.792	39186.23	6951.139	3251.173

Sample Name: K4218-02 Acquired: 08/13/2019 13:06:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049306	.0029834	.0073539	-.000996	-.001179	.2918203	.0407045
Stddev	.0011488	.0021692	.0001680	.003718	.001079	.0045018	.0005976
%RSD	23.29957	72.70934	2.285210	373.4237	91.51139	1.542666	1.468108

#1	.0045516	.0054757	.0071822	-.004919	-.001813	.2896115	.0412410
#2	.0040192	.0015204	.0073614	-.000543	-.001792	.2969999	.0400605
#3	.0062211	.0019542	.0075180	.002476	.000067	.2888495	.0408122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001218	-.000027	54.29202	.0008944	-.000783	.0066544	.5516538
Stddev	.0000809	.000099	.67994	.0003713	.000452	.0007336	.0082592
%RSD	66.40313	361.6040	1.252374	41.51791	57.77340	11.02343	1.497177

#1	.0000334	-.000081	54.68547	.0006353	-.000812	.0073460	.5434685
#2	.0001920	.000087	53.50689	.0007281	-.000317	.0058851	.5599851
#3	.0001400	-.000088	54.68369	.0013198	-.001220	.0067321	.5515078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427171	13.59886	.0034271	.0005023	13.43924	.0035829	.0566848
Stddev	.0003854	.08012	.0003140	.0003033	.19370	.0012174	.0019308
%RSD	.9022532	.5891398	9.163145	60.37175	1.441286	33.97983	3.406275

#1	.0423791	13.65103	.0037752	.0006151	13.29976	.0034744	.0570280
#2	.0426354	13.50661	.0033409	.0001588	13.35756	.0024233	.0584210
#3	.0431368	13.63894	.0031651	.0007329	13.66040	.0048509	.0546053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.521451	.1301837	.0776957	.0049509	11.17665	3.114266	.0015719
Stddev	.009479	.0028150	.0004555	.0002087	.02584	.016019	.0008508
%RSD	.2096410	2.162344	.5862840	4.215439	.2311710	.5143741	54.12637

#1	4.528225	.1303232	.0781636	.0051263	11.16351	3.116148	.0025513
#2	4.510619	.1273015	.0776699	.0050063	11.20641	3.097390	.0011502
#3	4.525510	.1329263	.0772537	.0047201	11.16002	3.129261	.0010144

Sample Name: K4218-02 Acquired: 08/13/2019 13:06:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0057823	.0038465	.5647933
Stddev	.0003492	.0009945	.0014546
%RSD	6.039004	25.85481	.2575404

#1	.0060796	.0048664	.5631801
#2	.0053978	.0028796	.5660048
#3	.0058696	.0037933	.5651949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.374	3055.290	39055.79	6949.415	3249.402
Stddev	10.781	5.105	256.67	30.909	5.301
%RSD	.5757677	.1670863	.6571975	.4447758	.1631456

#1	1866.637	3051.770	38867.25	6926.406	3243.336
#2	1865.675	3061.145	38952.02	6984.549	3253.142
#3	1884.810	3052.956	39348.10	6937.292	3251.729

Sample Name: K4218-01LX5 Acquired: 08/13/2019 13:14:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD7L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007927	.0005932	-.000793	-.000300	-.000883	.0491435	.0091395
Stddev	.0015443	.0016757	.000618	.000877	.000610	.0073902	.0004481
%RSD	194.8154	282.4731	77.96112	291.9229	69.12606	15.03804	4.902872

#1	.0024481	.0020078	-.001197	.000589	-.000512	.0463817	.0091234
#2	-.000609	-.001257	-.000081	-.001164	-.001587	.0575169	.0095955
#3	.000539	.001029	-.001100	-.000326	-.000549	.0435319	.0086997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001028	-.000011	10.85386	.0005657	-.000616	-.000453	.1045285
Stddev	.0000761	.000085	.03054	.0005198	.000266	.003847	.0099318
%RSD	74.11087	800.5211	.2813347	91.86935	43.16408	848.3256	9.501569

#1	.0001400	-.000109	10.87188	.0011338	-.000501	.002204	.1131665
#2	.0000152	.000041	10.81861	.0001140	-.000427	-.004864	.1067424
#3	.0001532	.000036	10.87110	.0004495	-.000920	.001300	.0936765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084973	2.690798	.0009333	-.000004	2.517477	.0016272	.0112483
Stddev	.0002328	.033094	.0002145	.000302	.316159	.0012498	.0010318
%RSD	2.739266	1.229894	22.98413	6999.927	12.55855	76.81105	9.173356

#1	.0087391	2.658774	.0008323	-.000321	2.820825	.0002581	.0123981
#2	.0084780	2.688754	.0011796	.000029	2.541706	.0019162	.0104030
#3	.0082748	2.724867	.0007879	.000279	2.189902	.0027071	.0109437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9687563	.0254679	.0155726	.0009846	2.167168	.6034064	-.000495
Stddev	.0343244	.0014351	.0012904	.0000436	.006506	.0021699	.002226
%RSD	3.543146	5.634914	8.286326	4.429807	.3002002	.3596138	450.1108

#1	.9413470	.0258713	.0145533	.0010257	2.174160	.6018398	.002060
#2	1.007254	.0266582	.0170235	.0009388	2.161293	.6058832	-.001523
#3	.957667	.0238743	.0151411	.0009893	2.166051	.6024961	-.002021

Sample Name: K4218-01LX5 Acquired: 08/13/2019 13:14:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022544	-.002771	.1136100
Stddev	.0011010	.001784	.0000423
%RSD	48.83679	64.36578	.0371943

#1	.0021379	-.001830	.1136293
#2	.0012163	-.001655	.1135615
#3	.0034090	-.004829	.1136392

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.802	2956.052	37971.58	6795.274	3156.408
Stddev	6.366	3.372	113.52	19.722	5.027
%RSD	.3502027	.1140777	.2989677	.2902354	.1592539

#1	1810.527	2953.450	37919.95	6790.877	3150.941
#2	1822.350	2954.846	37893.05	6816.823	3160.831
#3	1820.529	2959.862	38101.74	6778.121	3157.452

Sample Name: K4218-03 Acquired: 08/13/2019 13:10:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430197	.0539921	.0279053	.0531759	.0974870	2.187942	2.232575
Stddev	.0011112	.0017976	.0006835	.0026209	.0019772	.018702	.011365
%RSD	2.582948	3.329383	2.449176	4.928652	2.028172	.8547719	.5090354

#1	.0419662	.0560107	.0271803	.0501553	.0985807	2.169416	2.223931
#2	.0429120	.0525641	.0279980	.0545249	.0986757	2.187596	2.228345
#3	.0441807	.0534015	.0285377	.0548474	.0952046	2.206815	2.245448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570653	.0563242	54.59356	.2185178	.5517199	.2261297	1.719594
Stddev	.0003020	.0002083	.19485	.0002846	.0008815	.0010363	.012719
%RSD	.5292505	.3698669	.3569050	.1302364	.1597717	.4582965	.7396621

#1	.0571699	.0565501	54.41508	.2188462	.5511907	.2251839	1.705519
#2	.0573012	.0561397	54.56416	.2183655	.5512315	.2259678	1.722999
#3	.0567249	.0562829	54.80144	.2183418	.5527375	.2272375	1.730264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5912665	13.51729	.5630017	.0516972	12.96650	.5498038	.5513467
Stddev	.0033159	.07463	.0022544	.0002744	.10852	.0087399	.0040029
%RSD	.5608130	.5520856	.4004153	.5307078	.8369469	1.589633	.7260252

#1	.5888316	13.44258	.5605186	.0514276	12.84564	.5479228	.5475447
#2	.5899250	13.51745	.5649198	.0516878	13.05562	.5421576	.5509713
#3	.5950430	13.59183	.5635668	.0519761	12.99823	.5593310	.5555241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.686195	.1342701	.0770389	.0046329	11.13814	3.178781	-.000663
Stddev	.081821	.0020419	.0008715	.0004692	.02603	.019335	.001715
%RSD	1.746003	1.520727	1.131239	10.12842	.2337327	.6082487	258.8866

#1	4.682283	.1338622	.0776751	.0051699	11.10835	3.183161	.001200
#2	4.769901	.1364851	.0760455	.0043024	11.15650	3.195551	-.001012
#3	4.606400	.1324629	.0773960	.0044262	11.14957	3.157632	-.002176

Sample Name: K4218-03 Acquired: 08/13/2019 13:10:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0049715	-.000440	.5651550
Stddev	.0004574	.001399	.0024504
%RSD	9.201532	317.8878	.4335792

#1	.0050506	.000885	.5627395
#2	.0044796	-.001903	.5650869
#3	.0053842	-.000303	.5676388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.103	3030.055	38958.37	6896.207	3234.491
Stddev	14.855	1.368	322.21	18.277	2.478
%RSD	.7926569	.0451487	.8270511	.2650320	.0766218

#1	1882.940	3030.796	39128.26	6915.054	3237.084
#2	1882.417	3028.476	39160.08	6895.008	3232.146
#3	1856.953	3030.892	38586.77	6878.559	3234.243

Sample Name: K4218-05 Acquired: 08/13/2019 13:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036501	.0017092	.0058712	.0019396	-.002145	.3690050	.0419632
Stddev	.0045533	.0007384	.0028810	.0019808	.001315	.0121170	.0005950
%RSD	124.7440	43.20128	49.06945	102.1278	61.28436	3.283685	1.417916

#1	-.001607	.0011846	.0041756	-.000337	-.000879	.3819790	.0425862
#2	.006202	.0025536	.0091976	.002889	-.003503	.3579818	.0414008
#3	.006355	.0013894	.0042403	.003267	-.002053	.3670542	.0419027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001792	.0000793	53.58983	.0015577	-.000593	.0045535	.6044355
Stddev	.0000257	.0000798	.95563	.0004824	.000289	.0053822	.0091282
%RSD	14.33898	100.5691	1.783237	30.96713	48.67220	118.2010	1.510199

#1	.0002046	.0001707	54.69176	.0010262	-.000376	.0105692	.6147661
#2	.0001533	.0000240	53.08932	.0019678	-.000921	.0028970	.5974586
#3	.0001796	.0000432	52.98841	.0016791	-.000483	.0001942	.6010817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437570	13.36798	.0032165	.0006431	13.55020	.0028767	.0661150
Stddev	.0007845	.18152	.0000873	.0004249	.30533	.0021859	.0035366
%RSD	1.792887	1.357843	2.713745	66.07200	2.253349	75.98698	5.349185

#1	.0446607	13.57757	.0032279	.0009078	13.30135	.0018143	.0691071
#2	.0433597	13.26507	.0031241	.0008685	13.89092	.0053907	.0670257
#3	.0432506	13.26131	.0032976	.0001530	13.45833	.0014250	.0622120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.702478	.1312645	.0873647	.0052464	10.91885	3.162668	.0012929
Stddev	.095828	.0012338	.0012066	.0003108	.01595	.034234	.0019269
%RSD	2.037829	.9399273	1.381058	5.923297	.1460602	1.082448	149.0327

#1	4.729591	.1299885	.0886358	.0055946	10.93502	3.199910	.0001502
#2	4.596014	.1324512	.0872231	.0049971	10.91839	3.155523	.0002109
#3	4.781829	.1313537	.0862352	.0051477	10.90313	3.132569	.0035176

Sample Name: K4218-05 Acquired: 08/13/2019 13:22:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0065441	.0013455	.5524075
Stddev	.0018857	.0024216	.0013904
%RSD	28.81480	179.9707	.2517039

#1	.0078950	-.001143	.5539663
#2	.0073475	.003694	.5512950
#3	.0043898	.001486	.5519612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.873	3030.693	38964.10	6864.062	3240.010
Stddev	9.299	7.499	222.45	84.091	10.235
%RSD	.4973254	.2474223	.5709129	1.225090	.3158797

#1	1861.853	3037.718	38816.73	6767.140	3249.843
#2	1880.067	3031.563	39219.99	6907.432	3240.771
#3	1867.698	3022.797	38855.60	6917.614	3229.416

Sample Name: K4218-04 Acquired: 08/13/2019 13:18:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOE0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011556	.0010841	.0058622	.0012605	-.001340	.2492999	.0400249
Stddev	.0037342	.0005055	.0005905	.0015904	.000752	.0074028	.0004367
%RSD	323.1485	46.63136	10.07317	126.1749	56.10435	2.969442	1.091076

#1	.0024806	.0006517	.0065040	.0007507	-.000560	.2497440	.0400457
#2	.0040466	.0016399	.0053420	-.000013	-.001401	.2564707	.0395782
#3	-.003060	.0009606	.0057404	.003043	-.002060	.2416851	.0404509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001952	-.000002	52.82786	.0010997	-.000461	.0020996	.4398484
Stddev	.0000713	.000021	.14995	.0002086	.000323	.0022950	.0108164
%RSD	36.53261	1136.077	.2838516	18.96851	70.12281	109.3056	2.459109

#1	.0002759	.000001	52.65484	.0009881	-.000134	.0040969	.4278560
#2	.0001406	-.000024	52.90839	.0009706	-.000468	.0026092	.4488663
#3	.0001691	.000018	52.92034	.0013403	-.000781	-.000407	.4428228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357505	13.27988	.0029027	.0000966	12.95094	.0047954	.0083455
Stddev	.0002558	.10294	.0003586	.0004315	.20201	.0008461	.0003970
%RSD	.7154816	.7751682	12.35440	446.7422	1.559779	17.64501	4.756961

#1	.0355695	13.17878	.0031740	.0005922	13.09339	.0056734	.0085307
#2	.0356388	13.38457	.0024961	-.000195	12.71975	.0047275	.0086161
#3	.0360431	13.27628	.0030379	-.000107	13.03968	.0039852	.0078898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.615184	.1228289	.0761729	.0050627	10.77795	2.985306	.0009231
Stddev	.055786	.0028317	.0010429	.0001286	.02683	.023452	.0006008
%RSD	1.208749	2.305435	1.369084	2.540999	.2489414	.7855869	65.08272

#1	4.582166	.1251829	.0750747	.0051074	10.78316	2.967991	.0015914
#2	4.583792	.1236172	.0771498	.0049177	10.74889	3.011995	.0004281
#3	4.679593	.1196865	.0762943	.0051631	10.80179	2.975932	.0007497

Sample Name: K4218-04 Acquired: 08/13/2019 13:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0048392	.0007807	.5497412
Stddev	.0007252	.0008716	.0000171
%RSD	14.98683	111.6364	.0031073

#1	.0056763	.0010064	.5497589
#2	.0043996	-.000181	.5497248
#3	.0044417	.001517	.5497400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.037	3032.662	38935.02	6938.862	3246.407
Stddev	8.073	2.877	98.40	15.401	6.212
%RSD	.4316917	.0948605	.2527259	.2219556	.1913617

#1	1870.379	3034.215	38891.43	6952.346	3246.313
#2	1877.934	3034.429	38865.94	6922.078	3252.666
#3	1861.799	3029.343	39047.68	6942.163	3240.243

Sample Name: K4218-06 Acquired: 08/13/2019 13:26:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039029	.0011731	.0055617	.0011413	-.001483	.3215974	.0400383
Stddev	.0026267	.0017395	.0019107	.0023256	.000905	.0168373	.0004527
%RSD	67.30087	148.2848	34.35463	203.7676	61.03282	5.235519	1.130761

#1	.0069241	.0031020	.0036553	-.001516	-.001134	.3213116	.0396255
#2	.0026241	.0006940	.0055533	.002137	-.002510	.3049048	.0399669
#3	.0021605	-.000277	.0074767	.002803	-.000804	.3385758	.0405225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001365	-.000068	52.24736	.0017192	-.000736	.0046262	.4895024
Stddev	.0000287	.000095	1.01586	.0002195	.000343	.0007657	.0037928
%RSD	21.01959	140.4000	1.944335	12.76705	46.64481	16.55095	.7748334

#1	.0001600	-.000172	51.29027	.0017037	-.000561	.0047106	.4913504
#2	.0001450	-.000047	52.13858	.0015078	-.001132	.0053461	.4920171
#3	.0001045	.000015	53.31324	.0019459	-.000515	.0038218	.4851398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384979	13.15780	.0029932	.0002998	12.89349	.0034240	.1030969
Stddev	.0005342	.20192	.0000519	.0003318	.20303	.0008918	.0008378
%RSD	1.387636	1.534619	1.733498	110.6906	1.574676	26.04503	.8126701

#1	.0382769	12.95319	.0029905	.0004154	12.82546	.0044141	.1036423
#2	.0381097	13.16328	.0029427	.0005583	12.73320	.0026841	.1035162
#3	.0391072	13.35692	.0030464	-.000074	13.12179	.0031737	.1021322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.513452	.1201959	.0865479	.0049594	10.73877	2.980358	.0028018
Stddev	.070575	.0018114	.0026065	.0001916	.01582	.060325	.0018941
%RSD	1.563669	1.507052	3.011623	3.864033	.1473171	2.024101	67.60348

#1	4.460511	.1204047	.0840492	.0051240	10.73072	2.929320	.0049351
#2	4.486268	.1182892	.0863441	.0050051	10.72859	2.964822	.0021526
#3	4.593578	.1218939	.0892503	.0047490	10.75699	3.046932	.0013176

Sample Name: K4218-06 Acquired: 08/13/2019 13:26:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0055696	.0014731	.5436102
Stddev	.0011009	.0009183	.0049417
%RSD	19.76696	62.33933	.9090592

#1	.0067146	.0005896	.5399449
#2	.0045187	.0014072	.5416553
#3	.0054756	.0024227	.5492303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.330	3025.146	39096.03	6932.974	3236.022
Stddev	10.231	2.961	351.62	79.789	2.049
%RSD	.5473122	.0978725	.8993784	1.150862	.0633185

#1	1862.716	3022.640	39151.50	7015.675	3237.703
#2	1864.160	3024.383	38719.97	6926.791	3233.740
#3	1881.115	3028.413	39416.61	6856.457	3236.623

Sample Name: K4218-07 Acquired: 08/13/2019 13:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021436	-.002129	.0165051	.0043358	-.002225	.3359406	.0793132
Stddev	.0026153	.004354	.0001400	.0036350	.001865	.0033875	.0006233
%RSD	122.0054	204.4919	.8480768	83.83663	83.79628	1.008350	.7858117

#1	.0003010	-.006370	.0166320	.0006041	-.003415	.3390916	.0795343
#2	.0009929	.002330	.0165283	.0045377	-.000076	.3363722	.0797957
#3	.0051370	-.002348	.0163549	.0078656	-.003185	.3323580	.0786095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001525	-.000051	110.1000	.0014802	.0001002	.0051562	1.573929
Stddev	.0000140	.000104	.8052	.0004151	.0001464	.0009404	.008055
%RSD	9.216080	201.9989	.7313686	28.04222	146.0303	18.23760	.5117820

#1	.0001647	.000066	109.6676	.0016052	.0000328	.0045695	1.581834
#2	.0001557	-.000129	111.0290	.0018184	-.000000	.0062409	1.565732
#3	.0001371	-.000091	109.6032	.0010170	.000268	.0046584	1.574221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7868824	22.29043	.0044955	.0005963	15.82476	.0021569	.0495680
Stddev	.0062534	.04101	.0004277	.0003426	.31939	.0019663	.0018995
%RSD	.7947056	.1839872	9.512955	57.44271	2.018275	91.16313	3.832073

#1	.7818594	22.26843	.0040027	.0004845	15.61328	.0003486	.0502722
#2	.7938863	22.33775	.0047694	.0003237	16.19216	.0018720	.0474169
#3	.7849014	22.26512	.0047145	.0009808	15.66885	.0042501	.0510147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.672645	.1647059	.2518844	.0098931	19.02458	10.27386	.0049276
Stddev	.061219	.0015976	.0036598	.0000556	.10043	.12587	.0014884
%RSD	.9174670	.9699452	1.452974	.5615808	.5278803	1.225170	30.20540

#1	6.603552	.1649081	.2524424	.0098427	19.10684	10.27587	.0062138
#2	6.694256	.1630169	.2552331	.0098839	19.05425	10.39872	.0032973
#3	6.720128	.1661928	.2479776	.0099527	18.91267	10.14700	.0052718

Sample Name: K4218-07 Acquired: 08/13/2019 13:30:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0070072	.0051059	1.381604
Stddev	.0006666	.0006986	.001022
%RSD	9.513199	13.68150	.0739580

#1	.0070248	.0045112	1.382031
#2	.0063320	.0058752	1.382344
#3	.0076649	.0049314	1.380439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.900	3013.197	38715.23	6872.557	3249.833
Stddev	5.126	8.586	213.46	64.408	3.047
%RSD	.2779943	.2849410	.5513488	.9371789	.0937578

#1	1847.573	3023.004	38939.94	6887.841	3252.680
#2	1846.083	3009.555	38690.58	6801.881	3246.619
#3	1838.044	3007.032	38515.17	6927.948	3250.201

Sample Name: K4218-09 Acquired: 08/13/2019 13:38:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032834	.0007809	.0052839	.0024903	-.001423	.5364017	.0444711
Stddev	.0018663	.0019189	.0020386	.0005920	.001402	.0122015	.0002466
%RSD	56.84091	245.7280	38.58070	23.77111	98.46666	2.274701	.5544913

#1	.0035803	-.001418	.0062857	.0028374	-.000346	.5274272	.0446384
#2	.0049834	.001645	.0066277	.0018068	-.003008	.5502949	.0441879
#3	.0012864	.002116	.0029383	.0028267	-.000916	.5314831	.0445871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002083	-.000040	49.97875	.0012404	-.000406	.0023484	.9210927
Stddev	.0000744	.000114	.46758	.0005353	.000544	.0025716	.0098109
%RSD	35.72350	282.4496	.9355585	43.15223	133.9743	109.5037	1.065135

#1	.0001834	-.000096	50.19865	.0007546	.000209	.0048593	.9097903
#2	.0001496	.000091	49.44175	.0018142	-.000824	-.000280	.9260761
#3	.0002920	-.000116	50.29583	.0011524	-.000605	.002466	.9274116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538586	14.15310	.0037807	.0004399	15.17340	.0062323	.0137908
Stddev	.0004917	.08806	.0002159	.0003406	.24252	.0013636	.0008443
%RSD	.9130088	.6221622	5.709889	77.42521	1.598306	21.87945	6.121958

#1	.0535127	14.24364	.0038252	.0004866	15.28543	.0063056	.0147625
#2	.0536417	14.14789	.0035461	.0000784	14.89513	.0075578	.0132372
#3	.0544215	14.06776	.0039709	.0007548	15.33966	.0048335	.0133726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744576	.1462183	.0707894	.0049599	11.48833	3.048692	.0011120
Stddev	.014204	.0033918	.0006056	.0001072	.01226	.045367	.0027334
%RSD	.2993791	2.319691	.8554702	2.161077	.1067585	1.488077	245.8042

#1	4.750161	.1431950	.0701245	.0049824	11.49476	3.081494	-.001563
#2	4.755139	.1498861	.0709346	.0048433	11.49605	2.996919	.003900
#3	4.728428	.1455738	.0713093	.0050541	11.47419	3.067664	.000999

Sample Name: K4218-09 Acquired: 08/13/2019 13:38:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086268	.0012662	.5437076
Stddev	.0010195	.0007965	.0004513
%RSD	11.81727	62.90442	.0830107

#1	.0095898	.0019235	.5432588
#2	.0075590	.0014945	.5437023
#3	.0087315	.0003805	.5441615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.507	3025.575	38991.01	6924.353	3236.797
Stddev	7.857	6.039	71.70	79.779	5.613
%RSD	.4218635	.1996123	.1838891	1.152148	.1734033

#1	1871.580	3032.516	39069.32	6882.324	3241.608
#2	1858.034	3021.514	38975.16	7016.359	3238.152
#3	1857.908	3022.697	38928.57	6874.376	3230.631

Sample Name: K4218-08 Acquired: 08/13/2019 13:34:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001912	-.005029	.0184040	.0074524	-.000610	.3813462	.0789299
Stddev	.001452	.002123	.0014462	.0032342	.000531	.0054154	.0007775
%RSD	75.93384	42.22473	7.858181	43.39793	87.06354	1.420067	.9850648

#1	-.002609	-.006656	.0199937	.0086816	-.000242	.3787325	.0780393
#2	-.002884	-.005803	.0171662	.0098918	-.001220	.3875727	.0794730
#3	-.000243	-.002627	.0180521	.0037839	-.000369	.3777334	.0792776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002593	.0000461	110.0879	.0015744	-.000066	.0048108	1.698871
Stddev	.0000174	.0000267	.7136	.0006849	.000197	.0014356	.005657
%RSD	6.715939	57.94461	.6481713	43.49995	297.7413	29.84082	.3329906

#1	.0002622	.0000703	109.4102	.0018822	-.000031	.0031643	1.693316
#2	.0002406	.0000504	110.8326	.0007896	-.000278	.0054670	1.704625
#3	.0002751	.0000175	110.0209	.0020513	.000110	.0058009	1.698673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7952891	22.13092	.0046653	.0007256	16.21656	.0046525	.0344117
Stddev	.0042467	.08376	.0001915	.0004334	.18295	.0025297	.0012053
%RSD	.5339784	.3784845	4.105821	59.73575	1.128160	54.37234	3.502532

#1	.7915483	22.03651	.0048006	.0002482	16.23456	.0054916	.0356953
#2	.7999052	22.19632	.0044461	.0008342	16.02528	.0018099	.0342356
#3	.7944138	22.15993	.0047492	.0010943	16.38985	.0066560	.0333041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.649471	.1713553	.2495914	.0098431	19.17020	10.41290	.0083736
Stddev	.098939	.0024387	.0024407	.0001111	.05034	.10887	.0013344
%RSD	1.487916	1.423165	.9778618	1.128416	.2625803	1.045559	15.93609

#1	6.702944	.1720254	.2496372	.0097161	19.14918	10.33424	.0090012
#2	6.535303	.1733888	.2520088	.0098909	19.22764	10.53716	.0068411
#3	6.710166	.1686516	.2471281	.0099222	19.13379	10.36729	.0092785

Sample Name: K4218-08 Acquired: 08/13/2019 13:34:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0071010	.0051966	1.389679
Stddev	.0002916	.0005206	.004629
%RSD	4.107038	10.01885	.3330702

#1	.0073835	.0049740	1.385118
#2	.0071185	.0057916	1.389546
#3	.0068010	.0048243	1.394373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.577	3013.041	38765.00	6942.089	3249.927
Stddev	12.434	2.987	138.24	28.736	7.610
%RSD	.6722557	.0991327	.3566022	.4139406	.2341491

#1	1845.680	3016.421	38724.03	6975.262	3253.833
#2	1863.492	3010.759	38919.09	6924.845	3241.157
#3	1839.558	3011.942	38651.87	6926.160	3254.790

Sample Name: K4218-10 Acquired: 08/13/2019 13:42:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005346	-.009792	.0110994	.0151801	-.001306	.2904788	.1241174
Stddev	.000603	.001337	.0011805	.0038301	.001224	.0068202	.0018405
%RSD	11.27231	13.65120	10.63557	25.23089	93.73795	2.347905	1.482875

#1	-.005970	-.009661	.0108364	.0109750	-.001334	.2832258	.1222280
#2	-.005299	-.011190	.0123891	.0160964	-.000068	.2914481	.1242192
#3	-.004768	-.008526	.0100725	.0184689	-.002515	.2967625	.1259048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001689	-.000127	220.3569	.0016647	.0008735	.0011130	3.451511
Stddev	.0000824	.000043	3.6917	.0000972	.0001578	.0035177	.049405
%RSD	48.78234	33.66915	1.675350	5.836949	18.06622	316.0421	1.431411

#1	.0001027	-.000174	217.5456	.0015555	.0010419	-.002728	3.419319
#2	.0002612	-.000118	218.9873	.0016968	.0007289	.001890	3.426819
#3	.0001428	-.000090	224.5377	.0017417	.0008498	.004177	3.508395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6274675	31.64109	.0043161	.0005205	13.74324	.0036475	.0100191
Stddev	.0102384	.40069	.0004812	.0002877	.07662	.0036711	.0017519
%RSD	1.631707	1.266369	11.14944	55.28022	.5575259	100.6450	17.48583

#1	.6210708	31.30540	.0037916	.0008073	13.80669	.0071934	.0109935
#2	.6220557	31.53318	.0047373	.0002319	13.76492	.0038865	.0079966
#3	.6392762	32.08469	.0044192	.0005223	13.65812	-.000137	.0110672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.128105	.1759967	.5576023	.0022789	20.58941	7.818628	.0148390
Stddev	.056222	.0028474	.0089084	.0007872	.09160	.098041	.0016209
%RSD	.7887428	1.617855	1.597629	34.54329	.4449041	1.253938	10.92322

#1	7.149400	.1747235	.5524489	.0018174	20.60119	7.751883	.0163848
#2	7.170569	.1740081	.5524693	.0018314	20.49249	7.772812	.0131522
#3	7.064346	.1792585	.5678889	.0031878	20.67456	7.931189	.0149800

Sample Name: K4218-10 Acquired: 08/13/2019 13:42:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0078100	.0133806	1.487289
Stddev	.0012810	.0013167	.002814
%RSD	16.40209	9.840486	.1891985

#1	.0069199	.0137090	1.490528
#2	.0072320	.0119308	1.485902
#3	.0092782	.0145021	1.485439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.484	2962.360	38612.65	6889.411	3231.342
Stddev	5.854	5.378	291.97	93.878	3.834
%RSD	.3207003	.1815355	.7561612	1.362643	.1186436

#1	1825.365	2967.758	38551.07	6932.926	3232.361
#2	1831.397	2962.318	38930.50	6953.635	3234.563
#3	1819.690	2957.002	38356.38	6781.671	3227.102

Sample Name: K4218-11 Acquired: 08/13/2019 13:46:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOE6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001020	-.004072	.0145305	.0067410	-.001771	.0753552	.0912398
Stddev	.000914	.002527	.0020154	.0006308	.001567	.0034674	.0007530
%RSD	89.57602	62.07042	13.86983	9.358274	88.48401	4.601392	.8252742

#1	-.000095	-.003771	.0139616	.0060436	-.002248	.0769936	.0918865
#2	-.001922	-.001708	.0167691	.0072718	-.000021	.0713722	.0904131
#3	-.001043	-.006736	.0128607	.0069077	-.003045	.0776998	.0914197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002224	.0000311	139.7139	.0008456	.0012312	.0085578	7.125817
Stddev	.0001173	.0001118	.8269	.0001942	.0003484	.0018582	.015614
%RSD	52.73215	359.1850	.5918444	22.96623	28.29949	21.71331	.2191154

#1	.0002391	.0001085	140.6156	.0006246	.0008359	.0105073	7.125461
#2	.0000976	.0000819	138.9910	.0009235	.0014936	.0083591	7.110384
#3	.0003304	-.000097	139.5350	.0009888	.0013641	.0068069	7.141605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5974203	27.92559	.0015694	.0006926	11.47438	.0017220	.0152583
Stddev	.0022013	.09487	.0006918	.0003671	.22012	.0020980	.0012085
%RSD	.3684692	.3397101	44.07857	53.00622	1.918349	121.8356	7.920140

#1	.5996525	28.00315	.0020869	.0010866	11.36376	.0009687	.0148491
#2	.5952512	27.81982	.0018376	.0006313	11.33151	.0040926	.0143075
#3	.5973573	27.95381	.0007837	.0003600	11.72787	.0001046	.0166182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.573894	.1074926	.5522689	.0040522	28.89998	10.16956	.0074318
Stddev	.020468	.0008931	.0073256	.0004224	.07664	.15487	.0013852
%RSD	.3672172	.8308031	1.326459	10.42435	.2651748	1.522845	18.63883

#1	5.597523	.1084202	.5596526	.0040455	28.97388	10.34762	.0077028
#2	5.561597	.1066387	.5450028	.0036332	28.82087	10.06620	.0059311
#3	5.562564	.1074188	.5521514	.0044779	28.90520	10.09487	.0086614

Sample Name: K4218-11 Acquired: 08/13/2019 13:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014608	.0147050	1.316734
Stddev	.0004010	.0025149	.000059
%RSD	27.45011	17.10225	.0044717

#1	.0011919	.0158459	1.316667
#2	.0019217	.0118219	1.316766
#3	.0012688	.0164472	1.316771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.366	2981.651	38714.28	6904.902	3231.152
Stddev	17.039	3.786	282.20	63.396	1.727
%RSD	.9298966	.1269614	.7289173	.9181333	.0534606

#1	1851.506	2982.720	39025.65	6835.018	3230.306
#2	1826.745	2977.446	38475.40	6958.719	3233.139
#3	1818.848	2984.787	38641.79	6920.970	3230.011

Sample Name: K4218-13 Acquired: 08/13/2019 13:54:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003129	-.007946	.0715573	.0515326	-.002137	4.907195
Stddev	.0033254	.002910	.0024831	.0035970	.000908	.033736
%RSD	1062.657	36.61874	3.470017	6.979997	42.51264	.6874810

#1	-.002923	-.010479	.0741520	.0552142	-.003172	4.889977
#2	.000142	-.004768	.0692035	.0513571	-.001472	4.885544
#3	.003721	-.008593	.0713162	.0480267	-.001767	4.946066

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2953464	.0009914	.0009525	360.1893	.0085456	.0074691
Stddev	.0021250	.0001010	.0001143	3.4303	.0006708	.0002279
%RSD	.7194793	10.18736	11.99773	.9523727	7.850236	3.051704

#1	.2934365	.0011076	.0009272	357.9665	.0092195	.0072919
#2	.2949673	.0009417	.0010773	358.4613	.0078778	.0077262
#3	.2976354	.0009249	.0008530	364.1400	.0085395	.0073892

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118505	31.82761	2.914761	85.58338	.0210312	-.000015
Stddev	.0012498	.20102	.033530	.38462	.0008797	.000017
%RSD	10.54640	.6315789	1.150364	.4494125	4.182766	118.5772

#1	.0128277	31.66235	2.893577	85.28875	.0218353	-.000001
#2	.0104422	31.76908	2.897287	85.44289	.0211667	-.000034
#3	.0122815	32.05139	2.953419	86.01850	.0200916	-.000009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.44175	.0183711	.0965942	13.34362	1.708040	.8301824
Stddev	.48903	.0018039	.0003460	.02644	.004935	.0071703
%RSD	1.782054	9.819030	.3581985	.1981244	.2889035	.8636956

#1	26.99972	.0202826	.0965411	13.36690	1.710136	.8294411
#2	27.35846	.0181322	.0962779	13.31488	1.702403	.8234115
#3	27.96708	.0166986	.0969637	13.34910	1.711580	.8376944

Sample Name: K4218-13 Acquired: 08/13/2019 13:54:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007441	F 172.0448	18.42577	.0171792	.0593456	.0276492
Stddev	.0001140	.4578	.15047	.0006771	.0014833	.0015746
%RSD	15.32219	.2660689	.8166033	3.941127	2.499437	5.694828
#1	.0008431	172.0360	18.39357	.0167620	.0595115	.0259743
#2	.0006195	171.5915	18.29402	.0179604	.0577863	.0290993
#3	.0007698	172.5069	18.58973	.0168152	.0607390	.0278740

Elem	Sr4077
Units	ppm
Avg	4.111616
Stddev	.024750
%RSD	.6019433
#1	4.102352
#2	4.092835
#3	4.139661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.351	2947.824	38429.48	6815.134	3222.698
Stddev	13.855	7.483	144.00	61.986	5.427
%RSD	.7695637	.2538493	.3746998	.9095325	.1683956
#1	1816.308	2944.423	38591.79	6871.454	3219.952
#2	1791.375	2956.404	38317.09	6825.228	3228.949
#3	1793.370	2942.646	38379.55	6748.721	3219.193

Sample Name: K4218-12 Acquired: 08/13/2019 13:50:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOE7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006601	-.009971	.0193460	.0180692	-.001766	-.040849	.2115781
Stddev	.001880	.002974	.0019775	.0025392	.002169	.007004	.0019582
%RSD	28.47140	29.83247	10.22155	14.05258	122.8246	17.14665	.9255366

#1	-.006467	-.010451	.0210580	.0151391	-.000061	-.036285	.2093533
#2	-.004793	-.006785	.0171815	.0196259	-.004208	-.037348	.2130406
#3	-.008544	-.012676	.0197983	.0194426	-.001029	-.048913	.2123403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001128	-.000019	248.6553	.0009023	.0015786	.0010087	3.607927
Stddev	.0000734	.000047	2.7262	.0005950	.0001392	.0030488	.042428
%RSD	65.03349	246.6667	1.096379	65.93609	8.818431	302.2462	1.175980

#1	.0000597	-.000013	245.7336	.0010372	.0016936	-.002446	3.566922
#2	.0000823	.000025	251.1310	.0014183	.0014238	.002150	3.651648
#3	.0001966	-.000069	249.1012	.0002515	.0016182	.003322	3.605209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.874241	52.69210	.0037410	.0006240	22.36976	.0037690	.0073745
Stddev	.023943	.57944	.0003832	.0001961	.47911	.0003226	.0010340
%RSD	1.277462	1.099668	10.24333	31.42350	2.141758	8.558333	14.02179

#1	1.849925	52.04519	.0037665	.0004695	21.98187	.0035969	.0068677
#2	1.897792	53.16346	.0033457	.0008446	22.90532	.0041411	.0066916
#3	1.875007	52.86765	.0041108	.0005579	22.22210	.0035690	.0085642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81848	1.248800	.6971524	.0027491	11.74851	16.21708	.0151698
Stddev	.02929	.004337	.0057799	.0002089	.00680	.08438	.0015800
%RSD	.2707798	.3472541	.8290741	7.599117	.0578782	.5203026	10.41555

#1	10.78485	1.243794	.6905186	.0025131	11.74069	16.12450	.0143322
#2	10.83842	1.251402	.6998355	.0028237	11.75305	16.23705	.0169923
#3	10.83217	1.251204	.7011031	.0029105	11.75179	16.28967	.0141850

Sample Name: K4218-12 Acquired: 08/13/2019 13:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003029	.0200630	2.770772
Stddev	.000688	.0011239	.004177
%RSD	22.71168	5.601669	.1507520

#1	-.002402	.0195748	2.766502
#2	-.003765	.0213483	2.774849
#3	-.002921	.0192657	2.770964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.629	2950.093	38412.27	6884.326	3234.523
Stddev	9.271	6.231	42.51	24.693	8.508
%RSD	.5148826	.2112125	.1106679	.3586847	.2630472

#1	1790.238	2952.573	38408.47	6899.430	3240.229
#2	1808.054	2943.004	38456.55	6897.718	3224.743
#3	1803.595	2954.703	38371.79	6855.830	3238.595

Sample Name: K4218-15 Acquired: 08/13/2019 14:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006244	-.000995	.0138797	.0078975	-.001820	-.025536	.0880755
Stddev	.0020626	.000774	.0019337	.0014272	.000728	.007298	.0009370
%RSD	330.3056	77.79060	13.93186	18.07171	39.98814	28.58061	1.063808

#1	-.000382	-.000836	.0116515	.0082705	-.002405	-.031226	.0885515
#2	-.000742	-.000313	.0151194	.0091011	-.001005	-.017308	.0886790
#3	.002997	-.001836	.0148680	.0063208	-.002049	-.028076	.0869961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002225	-.000012	138.8166	.0003588	.0011964	.0025369	6.765198
Stddev	.0000380	.000070	.9044	.0003806	.0001455	.0019111	.012267
%RSD	17.07788	579.5035	.6514743	106.0690	12.16148	75.32960	.1813262

#1	.0002550	.000050	139.3756	.0003452	.0011767	.0038567	6.755563
#2	.0002316	-.000089	139.3009	-.000015	.0010618	.0003455	6.779008
#3	.0001807	.000002	137.7732	.000746	.0013507	.0034086	6.761023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5797905	27.92304	.0009989	.0000008	11.40858	.0018139	.0037475
Stddev	.0044199	.18233	.0003370	.0001247	.12667	.0028704	.0001129
%RSD	.7623323	.6529803	33.73473	16064.51	1.110321	158.2481	3.013906

#1	.5808022	28.02660	.0006145	-.000081	11.30493	.0037074	.0038772
#2	.5836169	28.03001	.0012435	.000144	11.37101	-.001489	.0036943
#3	.5749524	27.71251	.0011388	-.000061	11.54978	.003223	.0036710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.495053	.0973718	.5647139	.0041098	28.68187	10.23787	.0037503
Stddev	.048606	.0024347	.0024076	.0002934	.10891	.06896	.0021699
%RSD	.8845355	2.500463	.4263411	7.139252	.3797293	.6735341	57.86043

#1	5.482837	.0957618	.5650173	.0044421	28.73227	10.17800	.0021228
#2	5.548601	.0961808	.5669554	.0040008	28.55689	10.31326	.0062139
#3	5.453721	.1001728	.5621690	.0038865	28.75646	10.22234	.0029141

Sample Name: K4218-15 Acquired: 08/13/2019 14:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001629	.0147022	1.316112
Stddev	.000784	.0016834	.003196
%RSD	48.14316	11.45011	.2428632

#1	-.000947	.0166214	1.314583
#2	-.002486	.0134756	1.319785
#3	-.001455	.0140096	1.313967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.805	2981.173	38521.26	6817.216	3219.173
Stddev	11.194	10.470	136.92	39.179	7.468
%RSD	.6104125	.3512076	.3554293	.5747088	.2319882

#1	1820.905	2992.414	38368.05	6816.147	3227.519
#2	1839.562	2979.409	38564.11	6778.582	3216.881
#3	1840.949	2971.698	38631.63	6856.918	3213.121

Sample Name: K4218-14 Acquired: 08/13/2019 13:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012914	-.002622	.0117942	.0108504	-.000714	-.073050	.1185613
Stddev	.0015808	.002800	.0008770	.0009180	.000442	.002329	.0011817
%RSD	122.4094	106.7762	7.435757	8.460391	61.89517	3.187832	.9966999

#1	.0022875	-.004300	.0110704	.0105119	-.000919	-.073272	.1171986
#2	.0021181	.000610	.0127694	.0118895	-.000207	-.075260	.1193027
#3	-.000531	-.004177	.0115427	.0101497	-.001017	-.070618	.1191827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001899	-.000116	212.7347	.0010771	.0000335	.0002336	2.492143
Stddev	.0000597	.000045	1.4892	.0002289	.0002069	.0011792	.031820
%RSD	31.44629	38.75908	.7000059	21.25189	616.8739	504.9273	1.276817

#1	.0001668	-.000079	211.0156	.0012067	.0000321	-.000050	2.455979
#2	.0001452	-.000103	213.6246	.0008128	.0002412	.001529	2.515849
#3	.0002578	-.000166	213.5641	.0012118	-.000173	-.000778	2.504601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5920494	30.38905	.0030033	.0003514	13.53254	.0021361	.0040740
Stddev	.0053491	.26162	.0003649	.0001321	.14416	.0027157	.0014055
%RSD	.9034798	.8609153	12.14935	37.59606	1.065273	127.1303	34.49990

#1	.5858777	30.08697	.0027763	.0004930	13.57342	.0025562	.0055074
#2	.5949222	30.53698	.0034242	.0003300	13.37235	-.000765	.0026981
#3	.5953482	30.54320	.0028093	.0002314	13.65184	.004617	.0040166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.064337	.1292123	.5668872	.0021224	20.88433	7.460456	.0051614
Stddev	.062799	.0009771	.0039879	.0006875	.02776	.038145	.0009681
%RSD	.8889536	.7561866	.7034813	32.39406	.1329387	.5112954	18.75679

#1	7.062036	.1296901	.5626946	.0022397	20.88583	7.440636	.0053408
#2	7.128254	.1280882	.5673341	.0027438	20.85585	7.436301	.0060274
#3	7.002720	.1298585	.5706328	.0013838	20.91131	7.504431	.0041162

Sample Name: K4218-14 Acquired: 08/13/2019 13:59:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003830	.0121243	1.479239
Stddev	.000912	.0025109	.003403
%RSD	23.81255	20.70937	.2300606

#1	-.003168	.0093712	1.476172
#2	-.004871	.0127137	1.482900
#3	-.003453	.0142880	1.478646

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.805	2956.846	38349.64	6781.166	3216.788
Stddev	5.791	5.464	219.10	28.704	4.206
%RSD	.3201595	.1847805	.5713268	.4232957	.1307418

#1	1812.330	2961.235	38495.61	6804.992	3218.130
#2	1811.963	2958.576	38455.62	6789.208	3220.160
#3	1802.121	2950.727	38097.70	6749.298	3212.076

Sample Name: K4218-16 Acquired: 08/13/2019 14:07:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001754	-.006691	.0186289	.0145405	-.001632	-.067939	.2130148
Stddev	.002286	.002814	.0010633	.0014305	.001720	.006276	.0022066
%RSD	130.3374	42.05367	5.707892	9.838172	105.3915	9.238256	1.035900

#1	-.003565	-.009131	.0197083	.0147216	-.002531	-.062592	.2138428
#2	.000815	-.003613	.0185960	.0158718	.000351	-.066376	.2105140
#3	-.002511	-.007330	.0175824	.0130280	-.002718	-.074850	.2146877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001678	.0000408	252.0077	.0006322	.0013400	.0000968	3.790713
Stddev	.0000137	.0000576	2.5317	.0003689	.0002745	.0035171	.026109
%RSD	8.153753	141.1686	1.004631	58.35542	20.48142	3634.631	.6887654

#1	.0001823	.0000782	252.9745	.0010547	.0015788	-.003367	3.809587
#2	.0001661	.0000699	249.1350	.0004680	.0010402	.003665	3.760916
#3	.0001551	-.000026	253.9135	.0003739	.0014011	-.000008	3.801635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916104	53.29752	.0039491	.0004862	22.83429	.0013410	.0069730
Stddev	.014909	.48275	.0003147	.0003634	.26968	.0015528	.0004861
%RSD	.7780810	.9057569	7.970107	74.74257	1.181019	115.7943	6.970833

#1	1.920691	53.51354	.0039686	.0008172	22.68495	.0018231	.0073004
#2	1.899441	52.74448	.0042537	.0000973	23.14561	.0025956	.0064145
#3	1.928180	53.63452	.0036251	.0005441	22.67233	-.000396	.0072041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91949	1.244862	.7062133	.0025975	11.83789	16.36373	.0110070
Stddev	.06331	.008493	.0073898	.0002987	.02532	.11361	.0013289
%RSD	.5798295	.6822594	1.046392	11.49935	.2138592	.6942837	12.07338

#1	10.89495	1.248433	.7071771	.0028362	11.86684	16.40087	.0094742
#2	10.87212	1.235166	.6983889	.0026936	11.81987	16.23620	.0118364
#3	10.99140	1.250987	.7130738	.0022625	11.82698	16.45413	.0117103

Sample Name: K4218-16 Acquired: 08/13/2019 14:07:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004626	.0208637	2.786047
Stddev	.000343	.0012316	.004116
%RSD	7.407752	5.903167	.1477353

#1	-.004803	.0222489	2.783412
#2	-.004231	.0204503	2.790790
#3	-.004845	.0198921	2.783938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.479	2948.671	38181.87	6879.430	3221.358
Stddev	2.367	9.043	81.26	60.048	1.798
%RSD	.1312625	.3066699	.2128230	.8728644	.0558070

#1	1802.768	2940.088	38275.32	6842.584	3219.309
#2	1801.548	2958.112	38127.89	6948.721	3222.089
#3	1806.120	2947.814	38142.39	6846.984	3222.674

Sample Name: K4218-17 Acquired: 08/13/2019 14:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006711	-.012197	.0174488	.0517818	-.002247	.2541223
Stddev	.001592	.003532	.0008372	.0034876	.000790	.0078820
%RSD	23.71709	28.96179	4.797739	6.735150	35.14312	3.101670

#1	-.006073	-.014717	.0167541	.0557388	-.002294	.2507778
#2	-.008523	-.008159	.0172140	.0504514	-.001435	.2631251
#3	-.005537	-.013714	.0183782	.0491553	-.003013	.2484640

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2204136	.0002223	-.000057	317.0217	.0013689	.0003826
Stddev	.0009904	.0000206	.000082	1.6427	.0003945	.0004016
%RSD	.4493287	9.268807	143.2965	.5181759	28.81654	104.9541

#1	.2212739	.0002023	.000022	318.2372	.0015685	.0000003
#2	.2206359	.0002435	-.000052	317.6751	.0016237	.0008010
#3	.2193309	.0002212	-.000142	315.1528	.0009145	.0003464

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001294	16.53392	2.436546	75.09088	.0044268	-.000077
Stddev	.0023574	.09814	.006841	.29140	.0000910	.000262
%RSD	1822.459	.5935412	.2807572	.3880618	2.055891	339.8153

#1	-.000025	16.64706	2.439994	75.39687	.0044142	.000149
#2	-.002147	16.48274	2.440977	75.05908	.0045235	-.000016
#3	.002560	16.47194	2.428667	74.81668	.0043428	-.000365

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.84222	.0015442	.0095235	12.76299	1.173720	.8182217
Stddev	.27833	.0020143	.0016580	.09824	.006296	.0050894
%RSD	.9996685	130.4402	17.40908	.7696975	.5364137	.6220135

#1	27.68888	.0026032	.0113375	12.86606	1.173483	.8240319
#2	27.67429	.0028081	.0091464	12.67044	1.167545	.8160807
#3	28.16350	-.000779	.0080866	12.75246	1.180131	.8145525

Sample Name: K4218-17 Acquired: 08/13/2019 14:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006496	F 168.2792	13.83889	.0230472	.0041684	.0230171
Stddev	.0004349	.8376	.07225	.0021406	.0004762	.0021789
%RSD	66.94510	.4977426	.5221108	9.287960	11.42318	9.466477
#1	.0009288	169.0948	13.91731	.0247745	.0040050	.0235425
#2	.0001486	167.4212	13.82437	.0237148	.0047047	.0248853
#3	.0008716	168.3216	13.77501	.0206524	.0037955	.0206236

Elem	Sr4077
Units	ppm
Avg	3.914389
Stddev	.025382
%RSD	.6484158
#1	3.887302
#2	3.918239
#3	3.937625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.471	2929.207	38255.64	6755.132	3232.709
Stddev	1.401	2.931	147.43	40.445	5.222
%RSD	.0783554	.1000535	.3853820	.5987339	.1615440
#1	1786.114	2928.371	38149.94	6712.728	3233.645
#2	1788.911	2932.465	38424.06	6759.385	3237.401
#3	1787.388	2926.785	38192.92	6793.283	3227.083

Sample Name: CCV038 Acquired: 08/13/2019 14:15:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952773	5.142413	25.24284	4.986280	5.010065	395.4848	10.30236
Stddev	.013780	.015920	.06618	.014771	.009196	4.0285	.08031
%RSD	.2782352	.3095785	.2621604	.2962323	.1835482	1.018616	.7794830

#1	4.961659	5.125609	25.18829	5.002228	5.020600	390.9726	10.36339
#2	4.959761	5.157270	25.31646	4.983543	5.005943	398.7199	10.21139
#3	4.936898	5.144361	25.22378	4.973069	5.003650	396.7619	10.33231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5058449	2.398583	413.2120	15.14256	2.527820	15.11920	412.1960
Stddev	.0031221	.004767	2.7704	.02412	.005218	.03758	1.7905
%RSD	.6171989	.1987483	.6704515	.1592863	.2064085	.2485696	.4343746

#1	.5022682	2.393893	414.4019	15.11493	2.522476	15.12809	413.2804
#2	.5080243	2.403423	410.0454	15.15944	2.532901	15.07797	410.1294
#3	.5072421	2.398433	415.1886	15.15330	2.528082	15.15154	413.1783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12037	403.7013	2.506831	1.293335	403.8603	2.514320	14.74381
Stddev	.07331	1.5341	.003388	.006493	.9110	.013809	.09822
%RSD	.4848414	.3799998	.1351314	.5020388	.2255823	.5491995	.6661454

#1	15.15595	404.2810	2.506683	1.288290	404.4785	2.512422	14.84586
#2	15.03607	401.9619	2.503520	1.291054	402.8140	2.501558	14.64994
#3	15.16911	404.8610	2.510290	1.300661	404.2883	2.528979	14.73564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.0112	5.191958	5.070814	4.957232	5.158128	4.993337	5.072971
Stddev	.3675	.014870	.034892	.006218	.027659	.034592	.022583
%RSD	.2401786	.2864004	.6881009	.1254427	.5362174	.6927625	.4451659

#1	153.3062	5.183180	5.031153	4.964257	5.174388	4.957249	5.048017
#2	152.5995	5.209127	5.084503	4.955004	5.173804	5.026209	5.092003
#3	153.1279	5.183567	5.096785	4.952434	5.126192	4.996553	5.078894

Sample Name: CCV038 Acquired: 08/13/2019 14:15:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.055877	5.168522	4.971810
Stddev	.012962	.045882	.032018
%RSD	.2563746	.8877245	.6439990

#1	5.070229	5.191300	4.998247
#2	5.045024	5.115708	4.936209
#3	5.052377	5.198559	4.980975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.686	2654.867	35369.78	6479.653	3086.901
Stddev	8.998	5.643	127.31	22.059	3.970
%RSD	.5703192	.2125509	.3599504	.3404307	.1286104

#1	1568.661	2648.767	35370.38	6500.549	3088.270
#2	1586.656	2655.935	35496.79	6481.820	3082.427
#3	1577.739	2659.900	35242.17	6456.591	3090.005

Sample Name: CCB038 Acquired: 08/13/2019 14:19:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000143	.0036346	.0018093	-.000071	-.000029	.0032680	.0008347
Stddev	.000890	.0029261	.0024531	.002201	.001244	.0051690	.0002437
%RSD	623.7243	80.50749	135.5837	3120.248	4237.291	158.1707	29.20173

#1	-.001017	.0036127	-.000402	-.002551	.001277	.0076146	.0005998
#2	.000762	.0007195	.001382	.001648	-.000164	.0046372	.0010864
#3	-.000173	.0065716	.004448	.000691	-.001200	-.002448	.0008178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0000831	.0092452	.0010970	-.000050	.0064214	.0130275
Stddev	.000052	.0000325	.0081660	.0001111	.000422	.0002391	.0125863
%RSD	281.8312	39.14559	88.32664	10.12681	844.1823	3.723012	96.61328

#1	.000041	.0000525	.0001167	.0011948	-.000503	.0066541	.0266525
#2	-.000048	.0001173	.0117635	.0011199	.000332	.0061764	.0105949
#3	-.000049	.0000795	.0158554	.0009762	.000021	.0064338	.0018351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003765	-.017086	.0001909	.0000574	-.056368	.0018940	.0000638
Stddev	.0002777	.015739	.0007730	.0003027	.172366	.0002951	.0004212
%RSD	73.75583	92.11630	404.8285	527.5473	305.7870	15.58292	660.4793

#1	.0003671	-.024419	.0001107	.0003937	-.105051	.0022069	.0004045
#2	.0001037	-.027820	-.000539	-.000193	.135104	.0018546	-.000407
#3	.0006589	.000981	.001001	-.000029	-.199157	.0016206	.000194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711214	.0004464	.0116265	.0008108	.0392278	-.001614	.0022828
Stddev	.0698957	.0003083	.0011036	.0002535	.0037084	.000832	.0010192
%RSD	40.84568	69.06810	9.491608	31.26315	9.453385	51.56900	44.64710

#1	.2518205	.0003972	.0122741	.0005207	.0424492	-.001437	.0034240
#2	.1296973	.0007764	.0122532	.0009222	.0351740	-.000884	.0014634
#3	.1318466	.0001656	.0103523	.0009894	.0400602	-.002521	.0019609

Sample Name: CCB038 Acquired: 08/13/2019 14:19:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016343	.0015231	.0002627
Stddev	.0007774	.0006479	.0001444
%RSD	47.56751	42.53639	54.97631

#1	.0009452	.0021661	.0004291
#2	.0014806	.0008705	.0001692
#3	.0024770	.0015327	.0001899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.194	2924.912	37786.60	6700.314	3104.259
Stddev	8.871	4.046	141.18	27.772	1.492
%RSD	.4900493	.1383234	.3736141	.4144888	.0480577

#1	1802.943	2920.361	37669.04	6732.026	3102.600
#2	1807.553	2928.100	37747.57	6680.331	3105.489
#3	1820.085	2926.276	37943.18	6688.584	3104.690

Sample Name: K4218-21 Acquired: 08/13/2019 14:27:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004471	-.010419	.0642107	.0202412	-.003117	.2459431	.2051687
Stddev	.002634	.002129	.0018433	.0029814	.000485	.0074680	.0012871
%RSD	58.91855	20.43449	2.870767	14.72918	15.54753	3.036473	.6273217

#1	-.005650	-.011116	.0646084	.0229235	-.003255	.2512340	.2066098
#2	-.006310	-.012111	.0658227	.0170312	-.003518	.2491948	.2047627
#3	-.001453	-.008028	.0622010	.0207689	-.002579	.2374006	.2041336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002774	-.000186	83.65666	.0015359	-.000663	.0013496	1.194328
Stddev	.0000235	.000132	.66650	.0005376	.000395	.0020318	.015497
%RSD	8.460849	71.24229	.7967102	34.99832	59.49845	150.5544	1.297544

#1	.0002547	-.000068	84.39898	.0011689	-.000619	.0020856	1.203507
#2	.0002759	-.000160	83.46143	.0021529	-.001078	.0029108	1.203041
#3	.0003015	-.000329	83.10958	.0012859	-.000293	-.000948	1.176436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901002	160.9118	.0013370	.0002089	55.13107	.0029059	.0198161
Stddev	.0013982	1.0012	.0006159	.0002795	.12945	.0017663	.0015317
%RSD	.7355230	.6222249	46.06414	133.8040	.2348114	60.78203	7.729476

#1	.1916877	162.0638	.0012376	.0004782	55.27960	.0015865	.0212258
#2	.1895609	160.4207	.0019966	.0002282	55.04225	.0022187	.0181862
#3	.1890519	160.2510	.0007769	-.000080	55.07137	.0049125	.0200363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.449884	.1083439	.5964818	.0028255	3.946415	16.66679	.0189978
Stddev	.099915	.0016106	.0058036	.0001563	.009368	.13124	.0008600
%RSD	1.549103	1.486513	.9729657	5.530110	.2373884	.7874628	4.526876

#1	6.541853	.1066055	.5995246	.0026572	3.942295	16.75949	.0184242
#2	6.343573	.1097852	.6001312	.0029659	3.957138	16.72426	.0199866
#3	6.464228	.1086410	.5897896	.0028535	3.939813	16.51661	.0185825

Sample Name: K4218-21 Acquired: 08/13/2019 14:27:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0073726	.0187124	.6394633
Stddev	.0021669	.0012727	.0007063
%RSD	29.39063	6.801416	.1104483

#1	.0098731	.0195424	.6392634
#2	.0061997	.0193478	.6388785
#3	.0060450	.0172471	.6402480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.654	2994.358	38429.74	6824.270	3261.113
Stddev	2.963	5.026	154.67	59.242	2.613
%RSD	.1627280	.1678509	.4024759	.8681141	.0801208

#1	1817.788	2997.427	38270.63	6765.110	3260.340
#2	1820.469	2997.090	38579.56	6824.105	3258.973
#3	1823.705	2988.558	38439.02	6883.595	3264.025

Sample Name: K4218-18 Acquired: 08/13/2019 14:23:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019680	.0027030	.0068906	.0038054	-.002390	.5860481	.0455348
Stddev	.0022956	.0032270	.0015657	.0011535	.001140	.0008559	.0002883
%RSD	116.6510	119.3852	22.72191	30.31220	47.68790	.1460503	.6331609

#1	-.000678	.0040216	.0080690	.0030449	-.003599	.5861643	.0452297
#2	.003149	.0050618	.0051140	.0032387	-.001335	.5868400	.0458026
#3	.003432	-.000974	.0074888	.0051326	-.002235	.5851400	.0455723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002100	.0000134	51.65329	.0019418	-.000332	.0053427	1.060618
Stddev	.0000554	.0001182	.10423	.0002501	.000301	.0014214	.009413
%RSD	26.38255	881.2323	.2017827	12.87861	90.61962	26.60394	.8875142

#1	.0002661	.0001483	51.53754	.0016829	-.000564	.0067761	1.057293
#2	.0002085	-.000072	51.73971	.0021820	-.000440	.0053182	1.053319
#3	.0001553	-.000036	51.68262	.0019604	.000008	.0039337	1.071243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572947	14.27543	.0034902	.0003249	16.65836	.0047365	.0109230
Stddev	.0000945	.07921	.0001516	.0001234	.19455	.0026640	.0015119
%RSD	.1650120	.5548697	4.342866	37.98460	1.167909	56.24331	13.84133

#1	.0574035	14.20707	.0033152	.0003749	16.44535	.0076151	.0095559
#2	.0572469	14.36224	.0035729	.0004156	16.82668	.0042362	.0125468
#3	.0572335	14.25699	.0035824	.0001844	16.70304	.0023581	.0106663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.901025	.1680886	.0879595	.0057462	11.48677	3.353988	.0011823
Stddev	.010070	.0027752	.0011704	.0004233	.03432	.011270	.0004455
%RSD	.2054634	1.651007	1.330613	7.367285	.2987633	.3360279	37.67978

#1	4.911743	.1664570	.0892487	.0058321	11.45044	3.365486	.0015425
#2	4.899570	.1712929	.0876660	.0052865	11.49124	3.342960	.0006842
#3	4.891761	.1665159	.0869638	.0061200	11.51864	3.353517	.0013204

Sample Name: K4218-18 Acquired: 08/13/2019 14:23:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0096694	.0011074	.5652338
Stddev	.0004201	.0011882	.0010757
%RSD	4.345193	107.2955	.1903166

#1	.0095681	-.000262	.5640576
#2	.0093091	.001726	.5661677
#3	.0101309	.001859	.5654761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.997	3031.358	38812.36	6898.861	3247.158
Stddev	11.544	7.715	158.68	27.920	6.720
%RSD	.6189944	.2545081	.4088466	.4046978	.2069488

#1	1873.436	3033.802	38962.79	6909.287	3246.691
#2	1869.715	3037.555	38827.75	6920.067	3254.099
#3	1851.841	3022.717	38646.54	6867.229	3240.684

Sample Name: PB122202BS Acquired: 08/13/2019 14:35:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS202 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209589	.0531292	.0208825	.0705851	.1277751	.3970246
Stddev	.0015804	.0013609	.0006665	.0004481	.0033678	.0020791
%RSD	7.540634	2.561541	3.191726	.6348705	2.635767	.5236718

#1	.0224043	.0540690	.0203662	.0709411	.1246997	.3947253
#2	.0212010	.0515686	.0206465	.0707322	.1313741	.3987723
#3	.0192714	.0537500	.0216350	.0700819	.1272514	.3975763

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4494676	.0115062	.0113353	11.26923	.0242148	.1094733
Stddev	.0012649	.0000622	.0001159	.08126	.0002756	.0006251
%RSD	.2814230	.5404703	1.022365	.7210834	1.138180	.5709773

#1	.4486908	.0114357	.0112615	11.24298	.0245330	.1101879
#2	.4487847	.0115534	.0114688	11.20434	.0240598	.1090282
#3	.4509272	.0115294	.0112754	11.36037	.0240516	.1092038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490368	.2256668	.0357054	10.82703	.0923251	.0217053
Stddev	.0016800	.0063890	.0005315	.15058	.0003466	.0001564
%RSD	3.425940	2.831159	1.488714	1.390800	.3753834	.7203943

#1	.0493432	.2292487	.0351614	10.68349	.0921588	.0217114
#2	.0472247	.2182904	.0362236	10.81381	.0920931	.0218586
#3	.0505424	.2294612	.0357313	10.98378	.0927235	.0215460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62000	.1146371	.1245791	10.85084	.0239163	F .0247424
Stddev	.21238	.0038554	.0013555	.03479	.0013594	.0014047
%RSD	1.999789	3.363137	1.088094	.3205841	5.683958	5.677210

#1	10.66618	.1157324	.1233791	10.84470	.0223472	.0250591
#2	10.80548	.1103526	.1260495	10.88829	.0246631	.0232064
#3	10.38833	.1178264	.1243088	10.81954	.0247385	.0259617

Sample Name: PB122202BS Acquired: 08/13/2019 14:35:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS202 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218716	.2348211	.2126505	.0145601	.2243069	F .1118982
Stddev	.0002007	.0010832	.0047697	.0009572	.0007485	.0021972
%RSD	.9176689	.4612987	2.242961	6.574387	.3337007	1.963549
#1	.0218291	.2344217	.2082078	.0156619	.2250285	.1104721
#2	.0216956	.2339943	.2120531	.0140865	.2243580	.1107941
#3	.0220902	.2360473	.2176908	.0139320	.2235341	.1144285

Elem	Sr4077
Units	ppm
Avg	.2218846
Stddev	.0002908
%RSD	.1310788
#1	.2217784
#2	.2222136
#3	.2216618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.941	2926.036	37823.66	6688.780	3184.305
Stddev	17.435	5.867	274.32	62.294	6.665
%RSD	.9675563	.2004996	.7252675	.9313168	.2093156
#1	1782.418	2920.074	37512.89	6704.990	3176.832
#2	1815.958	2931.802	37925.96	6741.366	3189.637
#3	1807.448	2926.233	38032.13	6619.983	3186.445

Sample Name: K4218-22 Acquired: 08/13/2019 14:31:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014244	-.003291	.0133290	.0133147	-.002313	.0581848	.1071921
Stddev	.0019885	.002018	.0011241	.0016663	.003130	.0053949	.0013928
%RSD	139.6028	61.29723	8.433361	12.51507	135.3135	9.271970	1.299329

#1	-.000230	-.004715	.0121847	.0143760	.000272	.0621529	.1062778
#2	.003631	-.004176	.0133706	.0141740	-.001418	.0603594	.1087951
#3	.000872	-.000983	.0144318	.0113941	-.005792	.0520420	.1065035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002477	.0000996	129.8028	.0002125	.0000861	.0013217	10.56424
Stddev	.0000326	.0000773	1.3537	.0002488	.0003254	.0028941	.09432
%RSD	13.16560	77.66453	1.042886	117.0571	377.9882	218.9777	.8927948

#1	.0002246	.0000112	129.2073	-.000073	.0000451	.0038470	10.51111
#2	.0002850	.0001550	131.3521	.000330	.0004301	.0019544	10.67314
#3	.0002334	.0001325	128.8489	.000381	-.000217	-.001837	10.50847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8676682	27.58762	.0025031	.0002400	17.96870	.0026528	.0092142
Stddev	.0093677	.14086	.0001335	.0002591	.22188	.0027430	.0005243
%RSD	1.079642	.5105886	5.335288	107.9481	1.234839	103.3968	5.690174

#1	.8635468	27.45485	.0026207	.0005221	18.21224	.0020728	.0088438
#2	.8783900	27.73537	.0023579	.0001851	17.91586	.0056394	.0089847
#3	.8610678	27.57263	.0025306	.0000128	17.77801	.0002463	.0098142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.691399	.4810108	.3539881	.0070854	16.39510	13.06195	.0099194
Stddev	.021973	.0005254	.0047131	.0003818	.08846	.20199	.0020154
%RSD	.2856810	.1092288	1.331424	5.389048	.5395303	1.546434	20.31733

#1	7.688297	.4814061	.3509310	.0067371	16.47906	12.93480	.0100610
#2	7.671142	.4804146	.3594159	.0070256	16.30275	13.29487	.0118603
#3	7.714758	.4812119	.3516176	.0074937	16.40348	12.95619	.0078370

Sample Name: K4218-22 Acquired: 08/13/2019 14:31:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002017	.0056309	1.587215
Stddev	.0016988	.0019139	.002909
%RSD	842.1620	33.98865	.1832837

#1	.0005403	.0077946	1.589917
#2	.0017057	.0049386	1.587592
#3	-.001641	.0041595	1.584135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.755	2980.294	38443.47	6830.574	3240.008
Stddev	14.928	2.883	38.41	77.484	6.487
%RSD	.8127377	.0967299	.0999070	1.134369	.2002209

#1	1819.576	2982.222	38425.29	6861.433	3242.973
#2	1846.581	2976.980	38417.52	6742.415	3232.568
#3	1844.106	2981.679	38487.59	6887.873	3244.482

Sample Name: CCB039 Acquired: 08/13/2019 15:26:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019153	.0032787	-.000043	.0002472	.0010830	.0006913	.0010500
Stddev	.0032653	.0022706	.001766	.0017747	.0019307	.0130992	.0003450
%RSD	170.4791	69.25261	4073.169	717.8262	178.2728	1894.780	32.85265

#1	.0014047	.0008719	.001931	.0020312	.0016009	-.014428	.0011864
#2	.0054059	.0035814	-.001471	.0002285	.0027019	.008639	.0013058
#3	-.001065	.0053827	-.000590	-.001518	-.001054	.007862	.0006577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000192	.0000612	.0014230	.0006983	-.000029	.0064917	.0175246
Stddev	.0000905	.0000642	.0027990	.0003420	.000147	.0013255	.0059859
%RSD	471.5627	104.8669	196.6981	48.97376	514.3611	20.41881	34.15721

#1	.0000959	.0000899	-.000545	.0004058	.000140	.0079993	.0106737
#2	.0000422	.0001060	.004627	.0006147	-.000135	.0059665	.0201566
#3	-.000081	-.000012	.000187	.0010743	-.000091	.0055093	.0217435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.021559	.0004817	.0002944	-.101716	.0008134	.0015959
Stddev	.000209	.018026	.0004733	.0005157	.158772	.0016939	.0019026
%RSD	361.4263	83.61261	98.26028	175.1325	156.0942	208.2540	119.2171

#1	.000007	-.025846	.0000240	.0006931	.081078	.0000695	.0021352
#2	-.000291	-.001776	.0004518	-.000288	-.180924	-.000381	-.000518
#3	.000111	-.037055	.0009691	.000478	-.205301	.002752	.003171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1437614	-.000843	.0082410	.0006299	.0098403	-.002630	.0004233
Stddev	.0555842	.001524	.0014154	.0004865	.0042598	.000829	.0010123
%RSD	38.66421	180.8680	17.17538	77.23757	43.28948	31.51783	239.1503

#1	.2076721	.000723	.0094732	.0008354	.0140701	-.002564	.0009197
#2	.1169221	-.002321	.0085547	.0000743	.0098998	-.003489	-.000741
#3	.1066901	-.000929	.0066950	.0009798	.0055511	-.001835	.001092

Sample Name: CCB039 Acquired: 08/13/2019 15:26:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB039 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019938	.0035916	.0002551
Stddev	.0001826	.0015798	.0000715
%RSD	9.158414	43.98484	28.01645

#1	.0018223	.0053874	.0001988
#2	.0021858	.0024160	.0003355
#3	.0019733	.0029716	.0002309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.149	2951.055	37756.75	6625.194	3133.754
Stddev	16.728	6.952	193.12	48.040	10.023
%RSD	.9200492	.2355841	.5114787	.7251050	.3198497

#1	1826.171	2958.089	37968.19	6569.723	3145.190
#2	1798.921	2950.890	37589.67	6653.188	3126.492
#3	1829.355	2944.187	37712.40	6652.671	3129.580

Sample Name: CCV039 Acquired: 08/13/2019 15:22:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.905680	5.111587	25.08737	4.914874	4.981255	405.3837	10.37236
Stddev	.010015	.013042	.04895	.012684	.023439	.8245	.04778
%RSD	.2041422	.2551441	.1951323	.2580837	.4705503	.2033868	.4606648

#1	4.895646	5.126047	25.14066	4.910146	4.965204	405.4052	10.36059
#2	4.905720	5.100714	25.07707	4.905233	4.970407	406.1973	10.42492
#3	4.915675	5.108000	25.04439	4.929244	5.008153	404.5487	10.33156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5142091	2.385331	418.3789	15.12079	2.512325	15.09754	416.9494
Stddev	.0002716	.002447	2.7767	.03887	.001691	.01531	.9783
%RSD	.0528208	.1025890	.6636908	.2570753	.0673258	.1013998	.2346418

#1	.5145149	2.388154	416.4227	15.08195	2.514195	15.10813	415.9519
#2	.5141164	2.383820	421.5571	15.15970	2.510903	15.10450	417.9073
#3	.5139960	2.384018	417.1570	15.12071	2.511875	15.07999	416.9892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15691	410.8296	2.492403	1.281418	406.1807	2.530925	14.70621
Stddev	.07537	.7115	.002174	.000079	2.0632	.000861	.04964
%RSD	.4972474	.1731799	.0872250	.0062044	.5079460	.0340300	.3375357

#1	15.10255	410.5941	2.493184	1.281336	405.0820	2.531789	14.71400
#2	15.24295	411.6290	2.489946	1.281421	408.5607	2.530066	14.75149
#3	15.12524	410.2657	2.494078	1.281495	404.8993	2.530918	14.65313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0994	5.206940	5.102394	4.941230	5.040266	5.041311	5.050670
Stddev	.1979	.018092	.006319	.014025	.021736	.003247	.009949
%RSD	.1284460	.3474580	.1238382	.2838375	.4312383	.0644101	.1969862

#1	153.9584	5.192545	5.109677	4.930816	5.026023	5.040688	5.057308
#2	154.0141	5.201026	5.098364	4.935695	5.029491	5.044824	5.039231
#3	154.3257	5.227248	5.099142	4.957178	5.065284	5.038420	5.055471

Sample Name: CCV039 Acquired: 08/13/2019 15:22:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v942) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV039 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.034411	5.173680	5.005093
Stddev	.027425	.051137	.057632
%RSD	.5447530	.9884073	1.151468

#1	5.031598	5.129110	5.060643
#2	5.063135	5.229508	4.945583
#3	5.008502	5.162422	5.009054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.186	2669.779	35623.79	6390.270	3108.929
Stddev	5.641	7.532	93.09	16.158	7.112
%RSD	.3578822	.2821312	.2613014	.2528610	.2287592

#1	1578.953	2668.024	35730.03	6406.285	3102.470
#2	1569.696	2678.034	35556.57	6373.972	3116.551
#3	1579.909	2663.280	35584.75	6390.552	3107.765