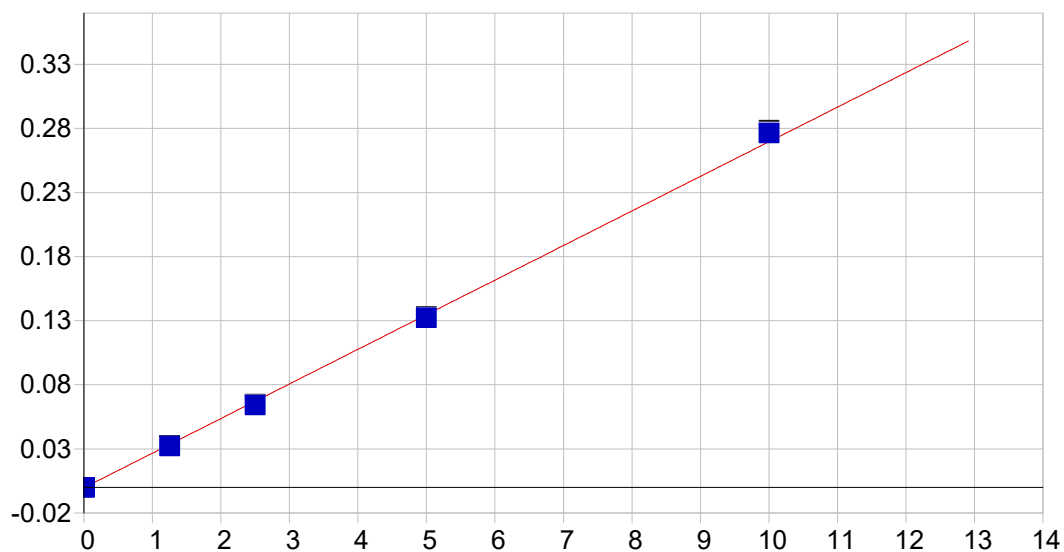


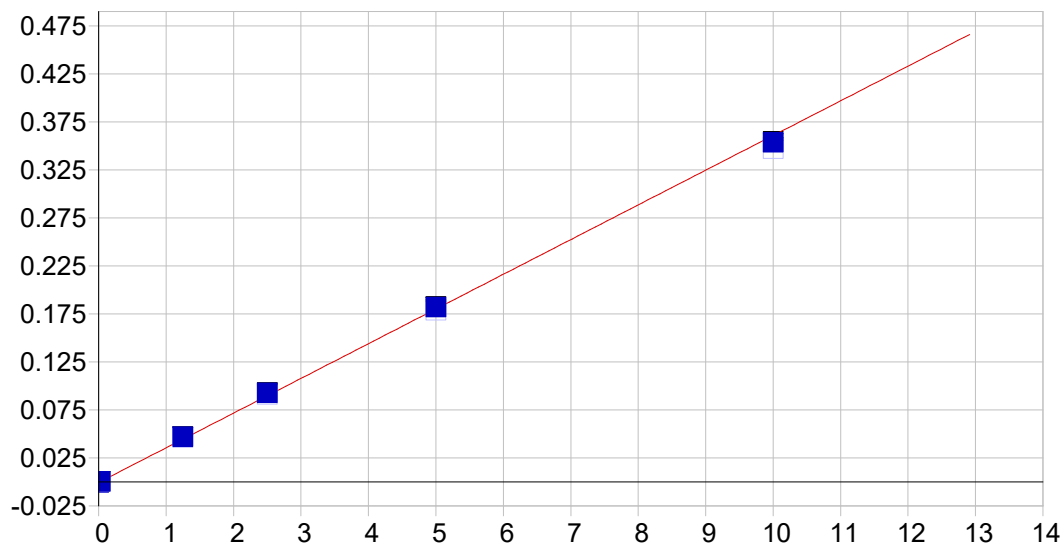


As 189.042 {479}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000300 Re-Slope: 1.000000
 A1 (Gain): 0.026996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.006946
 Predicted MQL: 0.023153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.00908	-.001	-9.16	-.00005	.000	1
S2	1.2500	1.2017	-.048	-3.87	.03222	.000	1
S3	2.5000	2.3906	-.109	-4.37	.06440	.000	1
S4	5.0000	4.9096	-.090	-1.81	.13257	.001	1
S5	10.000	10.249	.249	2.49	.27704	.001	1

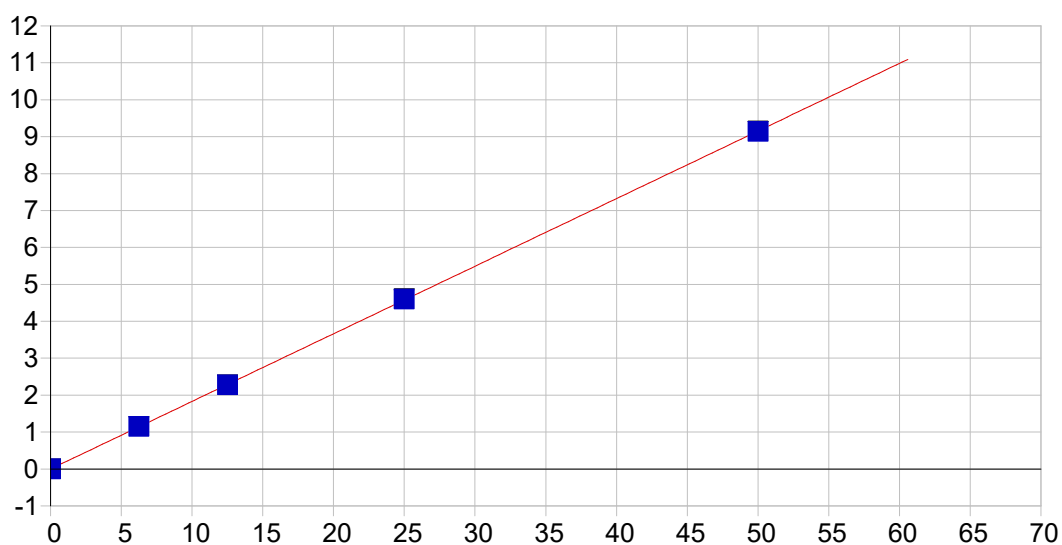


TI 190.856 {477}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000627 Re-Slope: 1.000000
 A1 (Gain): 0.036147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.004440
 Predicted MQL: 0.014800

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00063	.000	1
S1	.02500	.02814	.003	12.6	.00035	.000	1
S2	1.2500	1.3163	.066	5.30	.04612	.000	1
S3	2.5000	2.5790	.079	3.16	.09093	.000	1
S4	5.0000	5.0544	.054	1.09	.17874	.001	1
S5	10.000	9.7973	-.203	-2.03	.34685	.001	1

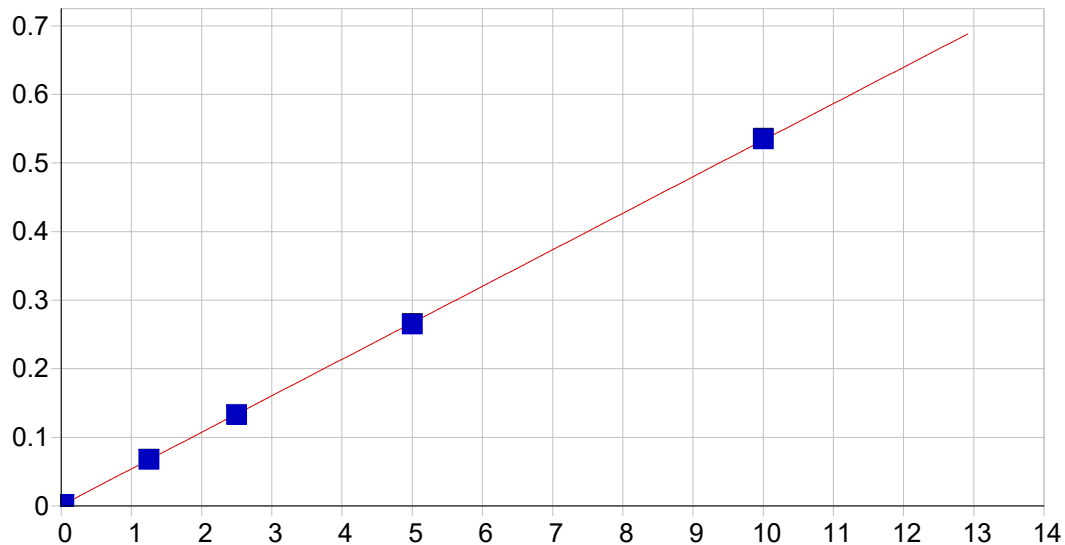


Pb 220.353 {453}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000435 Re-Slope: 1.000000
 A1 (Gain): 0.183081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002091
 Predicted MQL: 0.006969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.01000	.01081	.001	8.09	.00154	.000	1
S2	6.2500	6.2645	.015	.233	1.1464	.004	1
S3	12.500	12.432	-.068	-.545	2.2754	.005	1
S4	25.000	25.107	.107	.427	4.5957	.013	1
S5	50.000	49.946	-.054	-.108	9.1428	.007	1

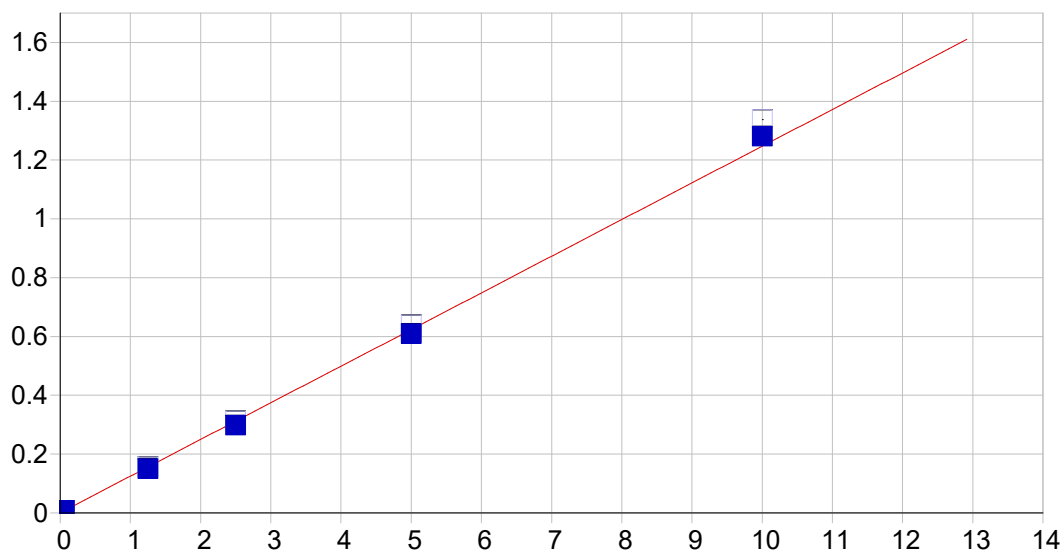


Se 196.090 {472}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000753 Re-Slope: 1.000000
 A1 (Gain): 0.053237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.004949
 Predicted MQL: 0.016496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00075	.000	1
S1	.03500	.03567	.001	1.93	.00265	.000	1
S2	1.2500	1.2600	.010	.799	.06766	.000	1
S3	2.5000	2.4874	-.013	-.506	.13282	.000	1
S4	5.0000	4.9665	-.033	-.669	.26445	.000	1
S5	10.000	10.035	.035	.355	.53361	.001	1

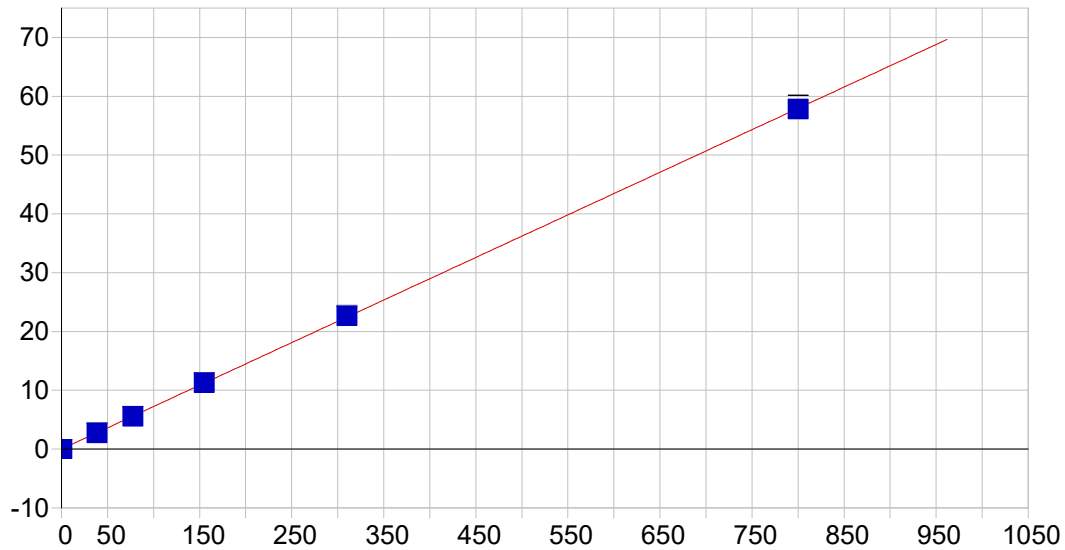


Sb 206.833 {463}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000365 Re-Slope: 1.000000
 A1 (Gain): 0.124669 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999581 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.002444
 Predicted MQL: 0.008147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.06000	.06502	.005	8.37	.00848	.000	1
S2	1.2500	1.1994	-.051	-4.05	.15707	.000	1
S3	2.5000	2.3866	-.113	-4.54	.31225	.001	1
S4	5.0000	4.8901	-.110	-2.20	.63871	.001	1
S5	10.000	10.269	.269	2.69	1.3380	.000	1

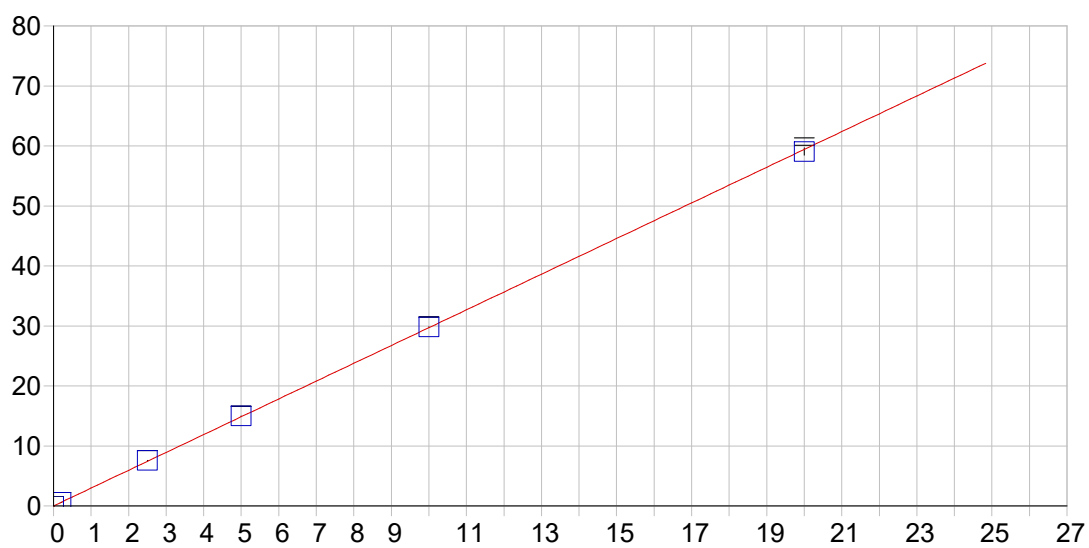


AI 396.152 { 85}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001688	Re-Slope:	1.000000
A1 (Gain):	0.072430	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000283		
Predicted MDL:	0.009567		
Predicted MQL:	0.031890		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00169	.001	1
S1	.20000	.22679	.027	13.4	.01499	.000	1
S2	38.750	38.105	-.645	-1.66	2.7639	.004	1
S3	77.500	76.621	-.879	-1.13	5.5591	.023	1
S4	155.00	155.75	.748	.482	11.302	.046	1
S5	310.00	312.63	2.63	.848	22.687	.064	1
S6	800.00	798.12	-1.88	-.235	57.842	.652	1

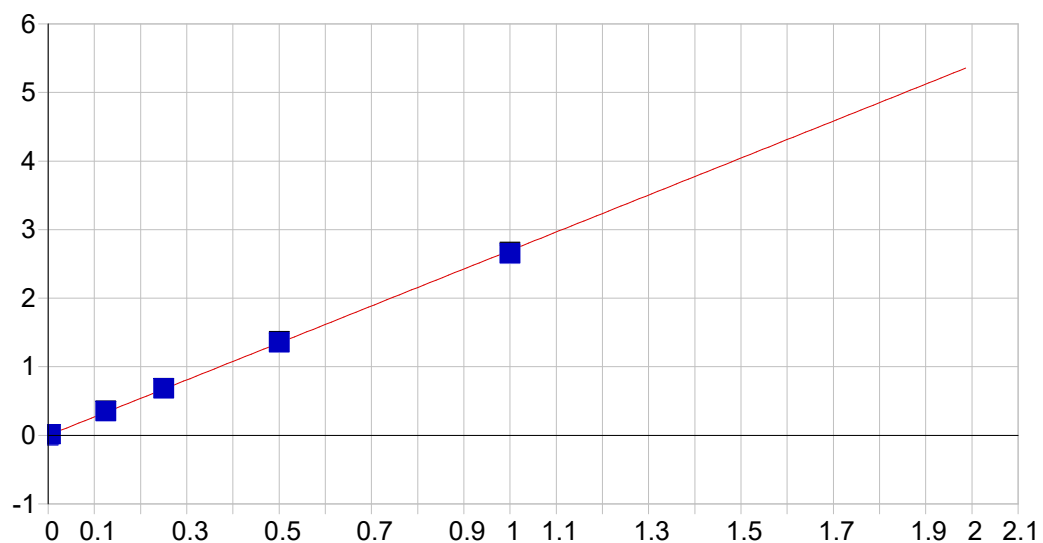


Ba 493.409 { 68}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002653 Re-Slope: 1.000000
 A1 (Gain): 2.970559 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.002487
 Predicted MDL: 0.000539
 Predicted MQL: 0.001795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00266	.001	1
S1	.20000	.19339	-.007	-3.31	.57713	.000	1
S2	2.5000	2.5491	.049	1.97	7.5750	.018	1
S3	5.0000	5.0378	.038	.756	14.968	.029	1
S4	10.000	10.039	.039	.392	29.825	.031	1
S5	20.000	19.880	-.120	-.598	59.059	.627	1

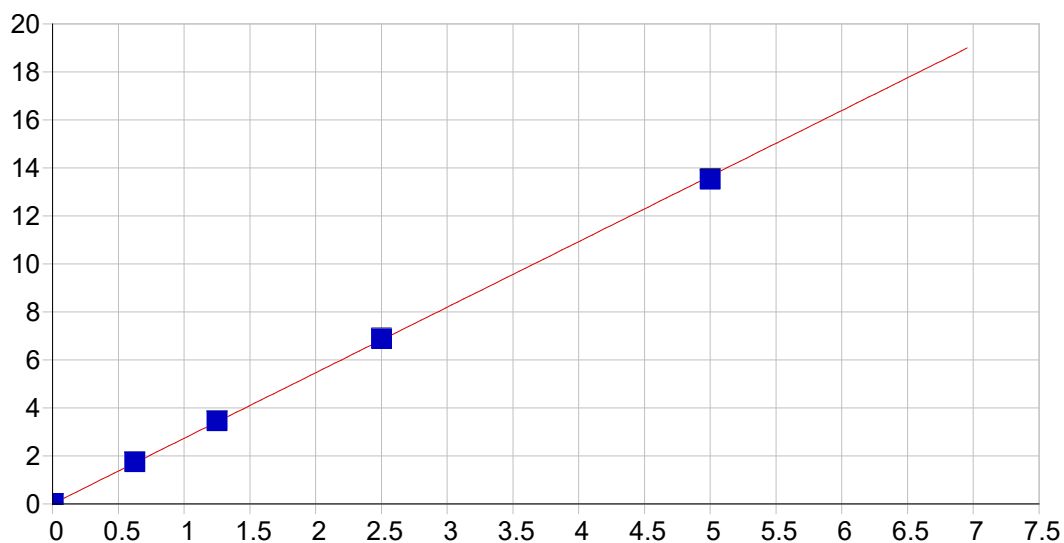


Be 234.861 {144}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000809	Re-Slope:	1.000000
A1 (Gain):	2.696232	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.000215		
Predicted MDL:	0.000084		
Predicted MQL:	0.000279		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.00500	.00609	.001	21.7	.01559	.000	1
S2	.12500	.13079	.006	4.63	.35070	.002	1
S3	.25000	.25446	.004	1.78	.68304	.002	1
S4	.50000	.50400	.004	.800	1.3536	.012	1
S5	1.0000	.98466	-.015	-1.53	2.6451	.018	1

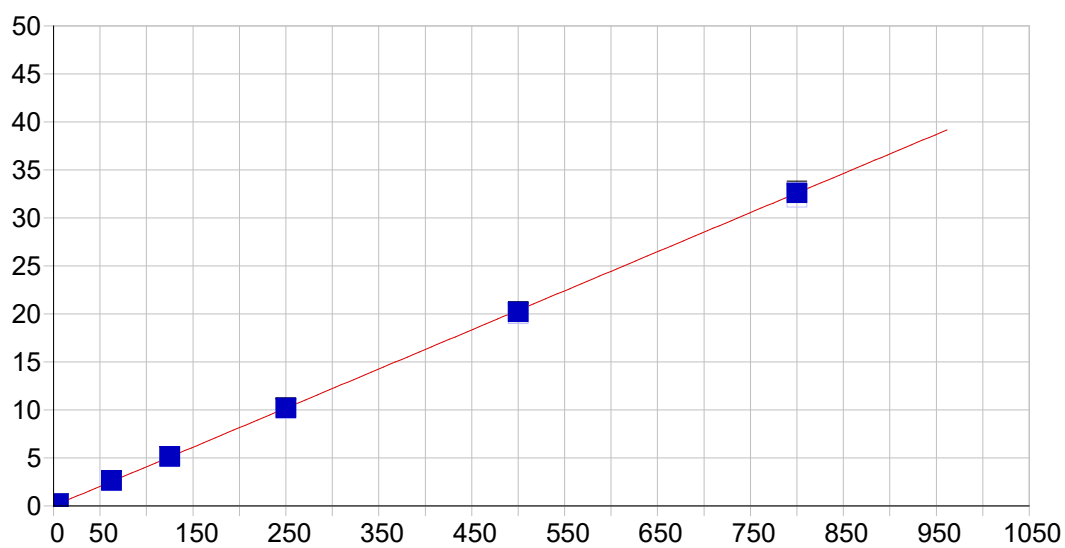


Cd 214.438 {457}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001034 Re-Slope: 1.000000
 A1 (Gain): 2.731572 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.000098
 Predicted MQL: 0.000325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00103	.000	1
S1	.00500	.00596	.001	19.1	.01731	.000	1
S2	.62500	.64066	.016	2.51	1.7537	.002	1
S3	1.2500	1.2655	.015	1.24	3.4631	.005	1
S4	2.5000	2.5199	.020	.797	6.8949	.016	1
S5	5.0000	4.9480	-.052	-1.04	13.538	.020	1

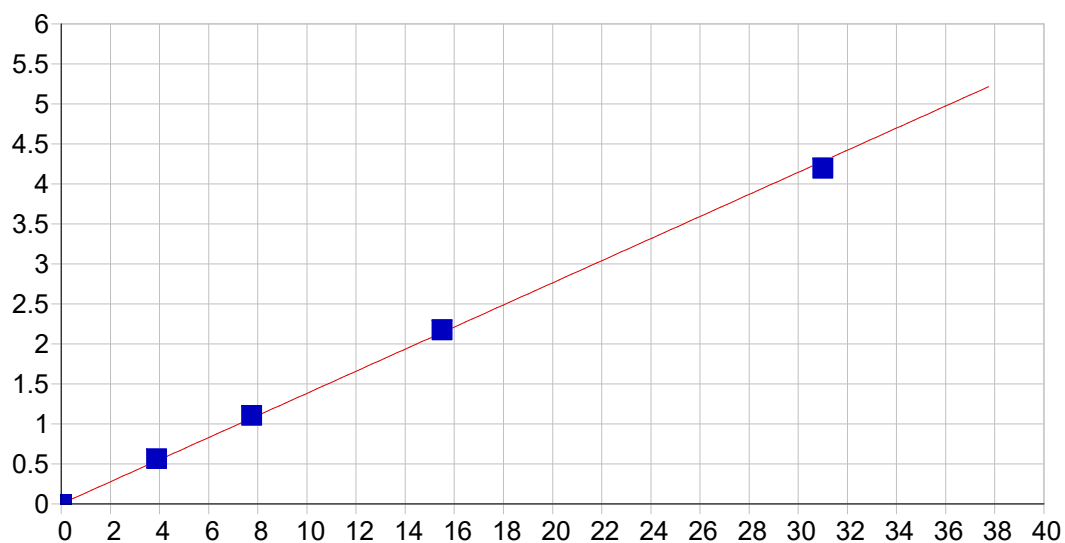


Ca 373.690 { 90}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002051 Re-Slope: 1.000000
 A1 (Gain): 0.040736 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.001646
 Predicted MDL: 0.014928
 Predicted MQL: 0.049759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00097	-.001	.000	.00201	.001	1
S1	5.0000	5.8175	.818	16.4	.23897	.001	1
S2	62.500	64.357	1.86	2.97	2.6009	.010	1
S3	125.00	125.96	.956	.765	5.0874	.006	1
S4	250.00	250.26	.256	.103	10.105	.005	1
S5	500.00	495.72	-4.28	-.856	20.013	.052	1
S6	800.00	800.39	.387	.048	32.120	.178	1

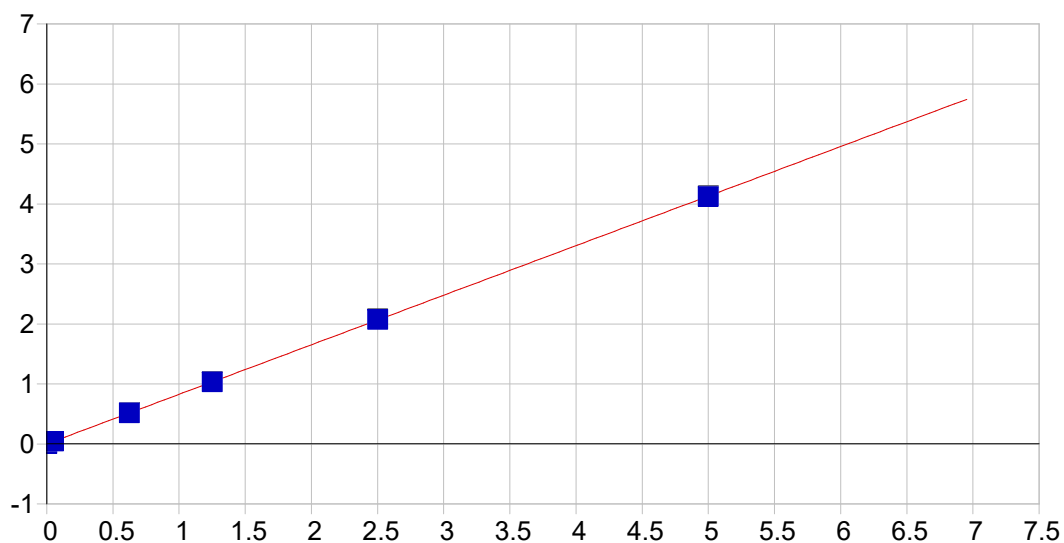


Cr 267.716 {126}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000136	Re-Slope:	1.000000
A1 (Gain):	0.138174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.000542		
Predicted MQL:	0.001806		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.01000	.01162	.002	16.2	.00174	.000	1
S2	3.8750	4.0937	.219	5.64	.56645	.001	1
S3	7.7500	7.9767	.227	2.92	1.1036	.001	1
S4	15.500	15.710	.210	1.36	2.1736	.005	1
S5	31.000	30.343	-.657	-2.12	4.1981	.005	1

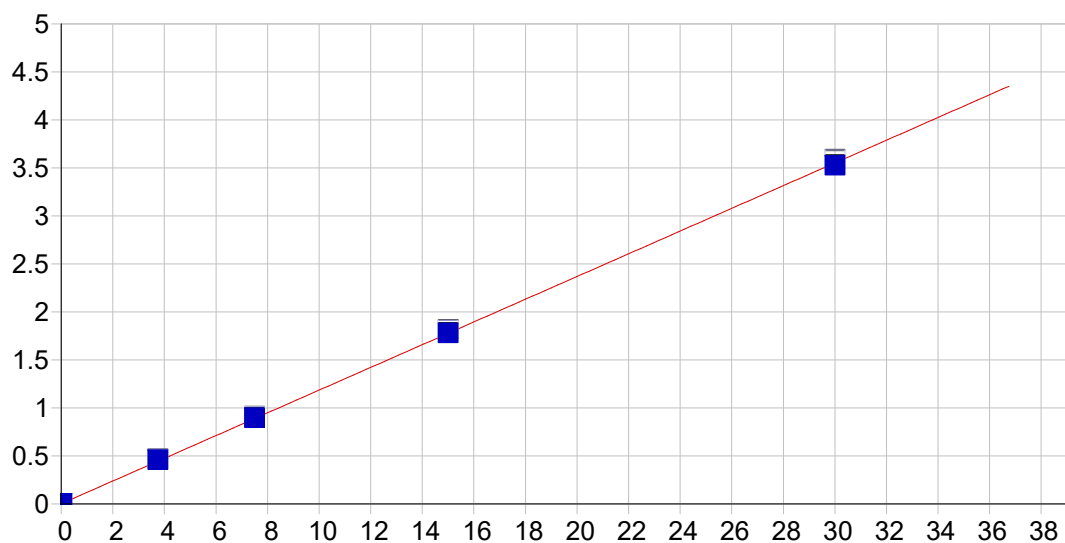


Co 228.616 {448}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000034	Re-Slope:	1.000000
A1 (Gain):	0.826052	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.000318		
Predicted MQL:	0.001059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.05000	.05567	.006	11.3	.04617	.000	1
S2	.62500	.62550	.000	.080	.51755	.001	1
S3	1.2500	1.2464	-.004	-.287	1.0313	.002	1
S4	2.5000	2.5077	.008	.308	2.0748	.007	1
S5	5.0000	4.9897	-.010	-.206	4.1283	.006	1

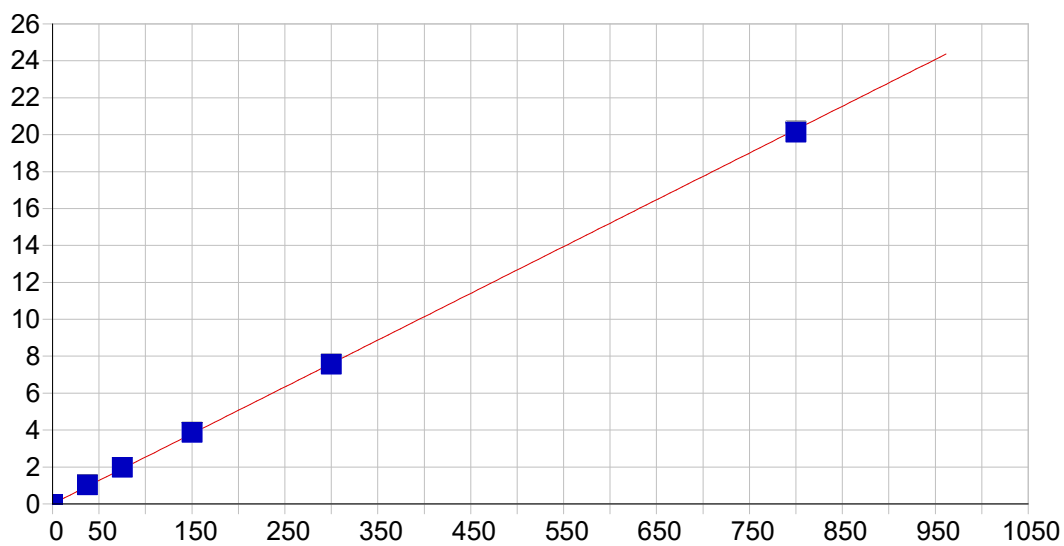


Cu 324.754 {104}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001782 Re-Slope: 1.000000
 A1 (Gain): 0.118342 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.002821
 Predicted MQL: 0.009404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00178	.000	1
S1	.02500	.02219	-.003	-11.3	.00500	.000	1
S2	3.7500	3.8606	.111	2.95	.46577	.000	1
S3	7.5000	7.5607	.061	.810	.91076	.001	1
S4	15.000	15.039	.039	.262	1.8100	.002	1
S5	30.000	29.793	-.207	-.691	3.5844	.006	1

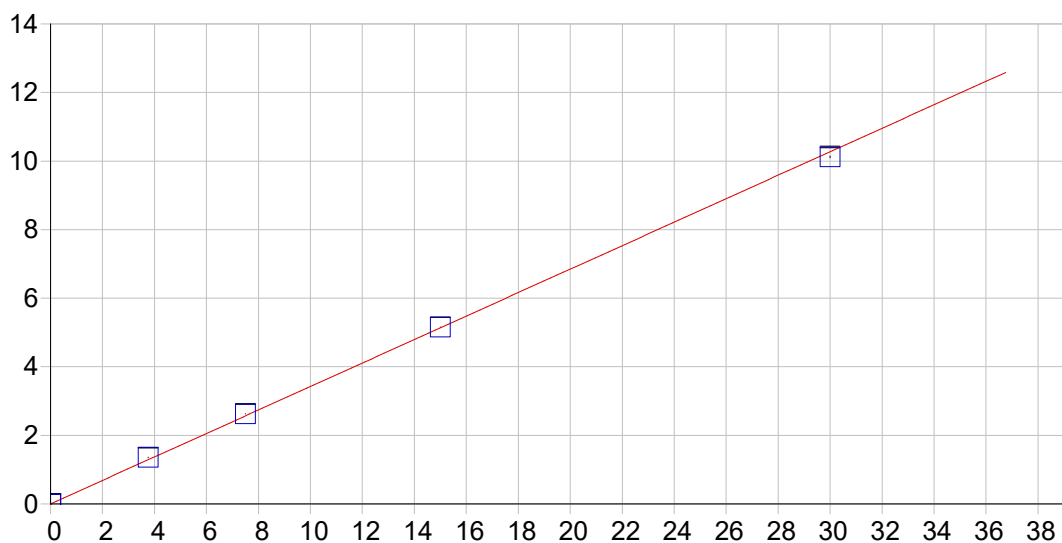


Fe 259.837 {130}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000920 Re-Slope: 1.000000
 A1 (Gain): 0.025341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.007566
 Predicted MQL: 0.025219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00092	.000	1
S1	.10000	.11151	.012	11.5	.00385	.000	1
S2	37.500	40.118	2.62	6.98	1.0195	.006	1
S3	75.000	77.753	2.75	3.67	1.9752	.003	1
S4	150.00	152.36	2.36	1.58	3.8698	.008	1
S5	300.00	298.09	-1.91	-.636	7.5706	.008	1
S6	800.00	794.16	-5.84	-.730	20.151	.046	1

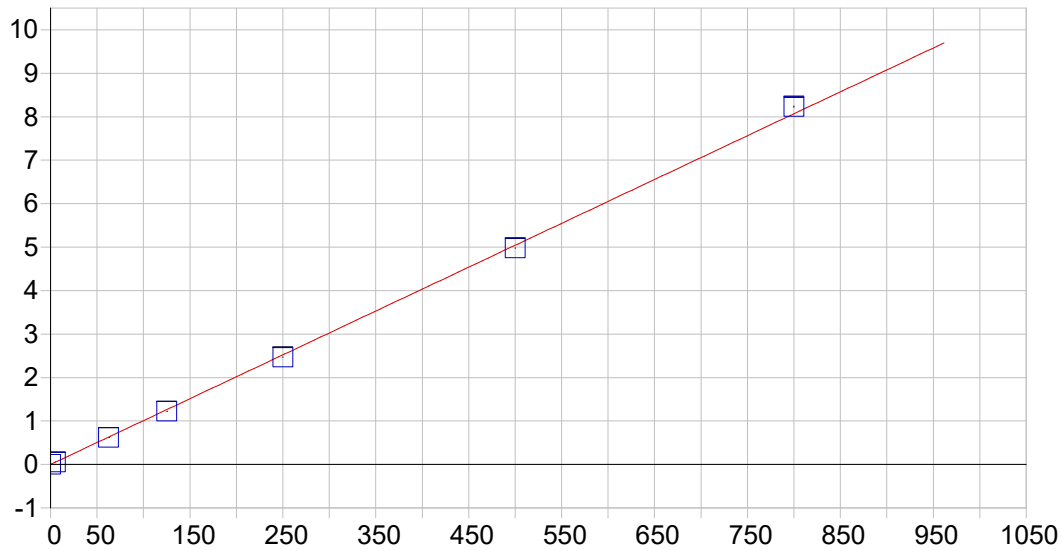


Mn 257.610 {131}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.342383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000503
 Predicted MQL: 0.001677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01500	.01888	.004	25.8	.00662	.000	1
S2	3.7500	3.9544	.204	5.45	1.3541	.006	1
S3	7.5000	7.6731	.173	2.31	2.6273	.003	1
S4	15.000	15.057	.057	.380	5.1554	.006	1
S5	30.000	29.562	-.438	-1.46	10.122	.024	1

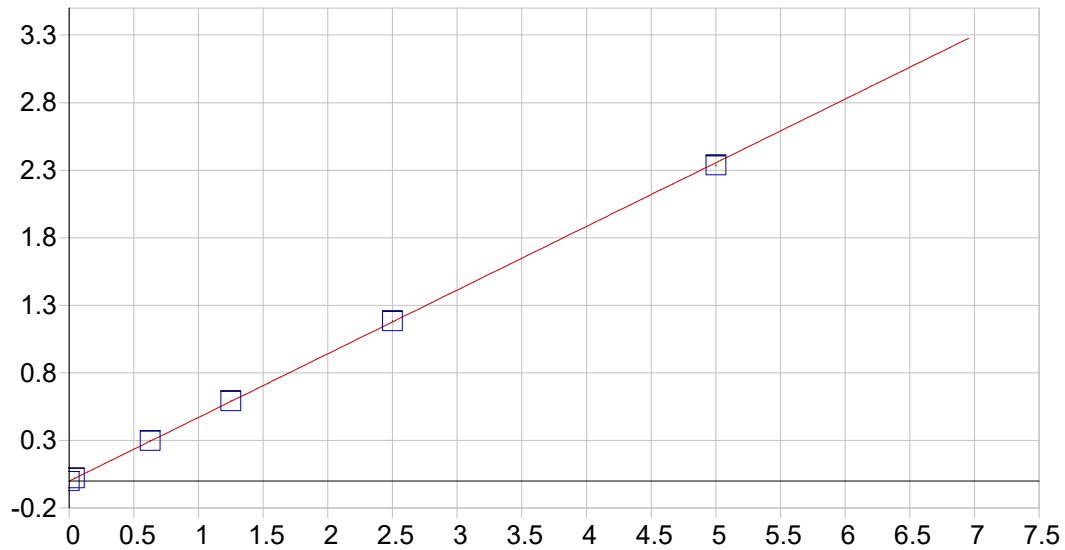


Mg 279.079 {121}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.010086 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.000718
 Predicted MDL: 0.023342
 Predicted MQL: 0.077805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	-.00012	.000	1
S1	5.0000	5.5967	.597	11.9	.05633	.001	1
S2	62.500	61.401	-1.10	-1.76	.61917	.003	1
S3	125.00	121.44	-3.56	-2.85	1.2247	.001	1
S4	250.00	244.42	-5.58	-2.23	2.4651	.007	1
S5	500.00	493.52	-6.48	-1.30	4.9775	.005	1
S6	800.00	816.12	16.1	2.01	8.2311	.013	1

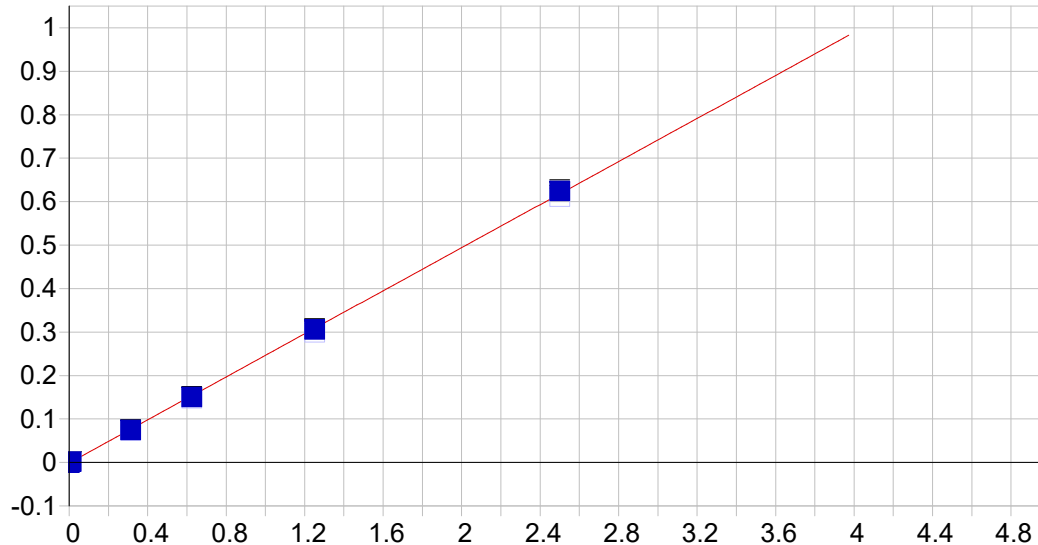


Ni 231.604 {446}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001156 Re-Slope: 1.000000
 A1 (Gain): 0.471253 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000566
 Predicted MQL: 0.001886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00116	.000	1
S1	.04000	.04751	.008	18.8	.02123	.000	1
S2	.62500	.63447	.009	1.52	.29784	.001	1
S3	1.2500	1.2583	.008	.664	.59182	.001	1
S4	2.5000	2.5155	.016	.620	1.1843	.002	1
S5	5.0000	4.9592	-.041	-.816	2.3359	.004	1

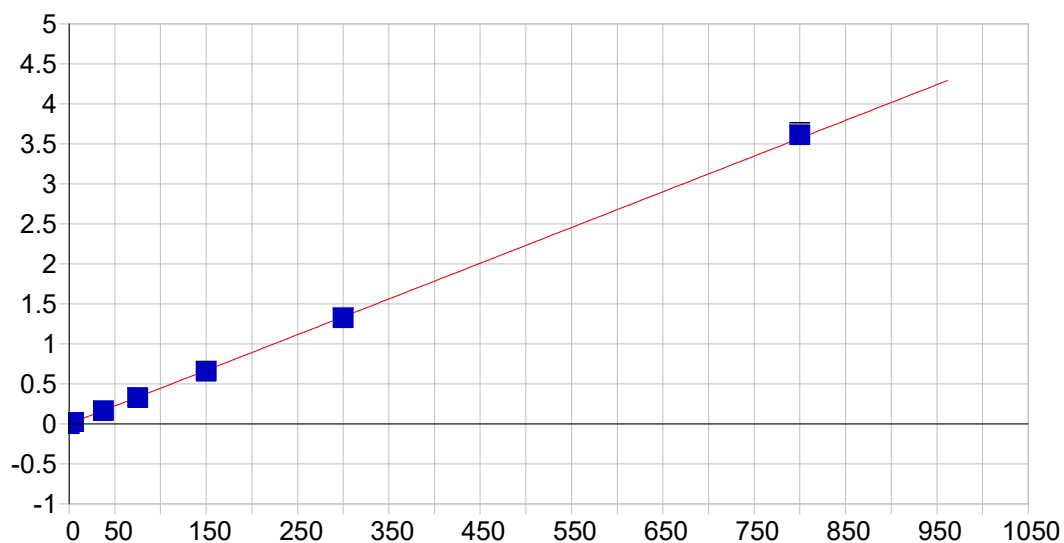


Ag 328.068 {103}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001229	Re-Slope:	1.000000
A1 (Gain):	0.247655	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000509		
Predicted MQL:	0.001697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00123	.000	1
S1	.01000	.01074	.001	7.35	.00141	.000	1
S2	.31250	.30720	-.005	-1.69	.07313	.000	1
S3	.62500	.61273	-.012	-1.96	.14707	.001	1
S4	1.2500	1.2395	-.011	-.843	.29883	.002	1
S5	2.5000	2.5274	.027	1.09	.61089	.003	1

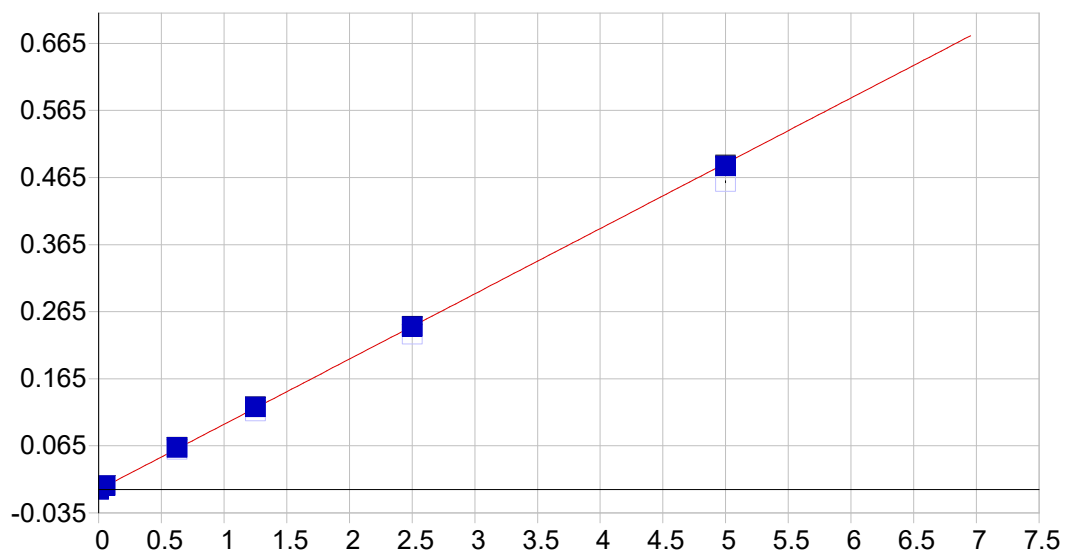


Na 818.326 { 41}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.004464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.248647
 Predicted MQL: 0.828824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-.00000	.001	1
S1	5.0000	5.3444	.344	6.89	.02385	.001	1
S2	37.500	37.052	-.448	-1.19	.16613	.002	1
S3	75.000	73.131	-1.87	-2.49	.32791	.000	1
S4	150.00	146.74	-3.26	-2.17	.65798	.001	1
S5	300.00	296.44	-3.56	-1.19	1.3291	.004	1
S6	800.00	808.79	8.79	1.10	3.6260	.019	1

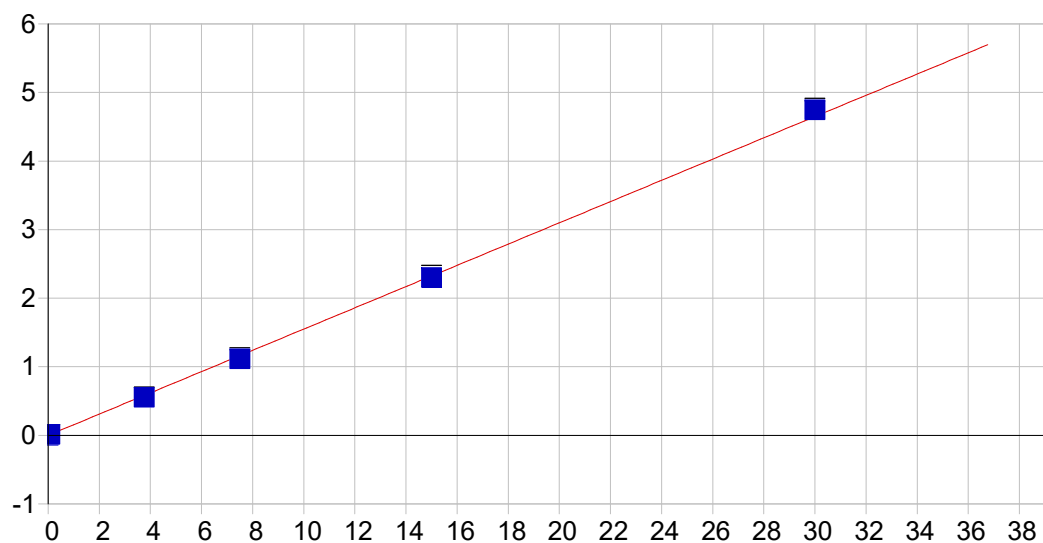


V 292.402 {115}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000293 Re-Slope: 1.000000
 A1 (Gain): 0.097306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002826
 Predicted MQL: 0.009418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.05000	.06108	.011	22.2	.00564	.000	1
S2	.62500	.64420	.019	3.07	.05948	.001	1
S3	1.2500	1.2645	.014	1.16	.11692	.000	1
S4	2.5000	2.4973	-.003	-.109	.23105	.000	1
S5	5.0000	4.9574	-.043	-.852	.45877	.001	1

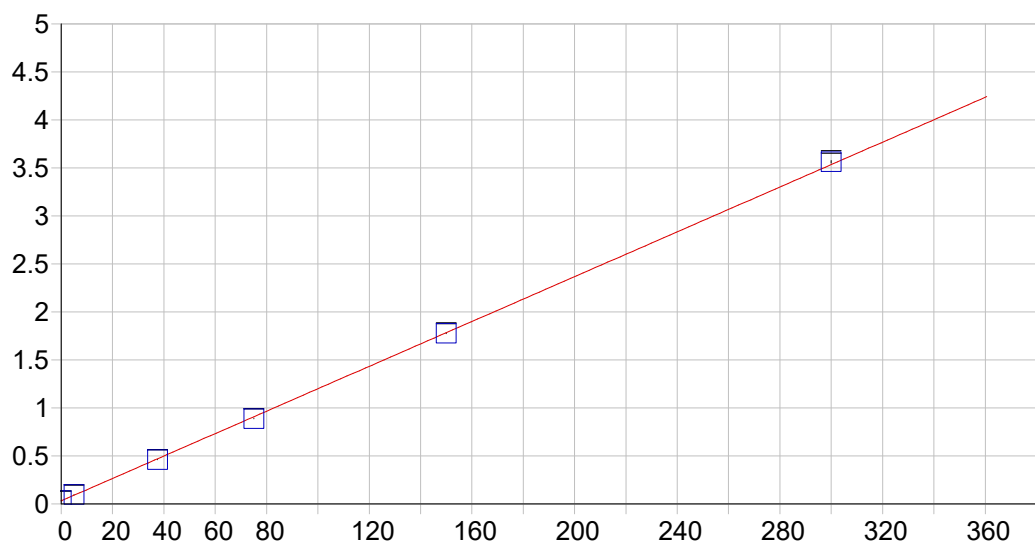


Zn 213.856 {158}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.154965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.004075
 Predicted MQL: 0.013583

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00017	.001	1
S1	.06000	.07338	.013	22.3	.01123	.001	1
S2	3.7500	3.5800	-.170	-4.53	.55555	.004	1
S3	7.5000	7.1958	-.304	-4.06	1.1168	.014	1
S4	15.000	14.830	-.170	-1.13	2.3018	.035	1
S5	30.000	30.630	.630	2.10	4.7541	.020	1

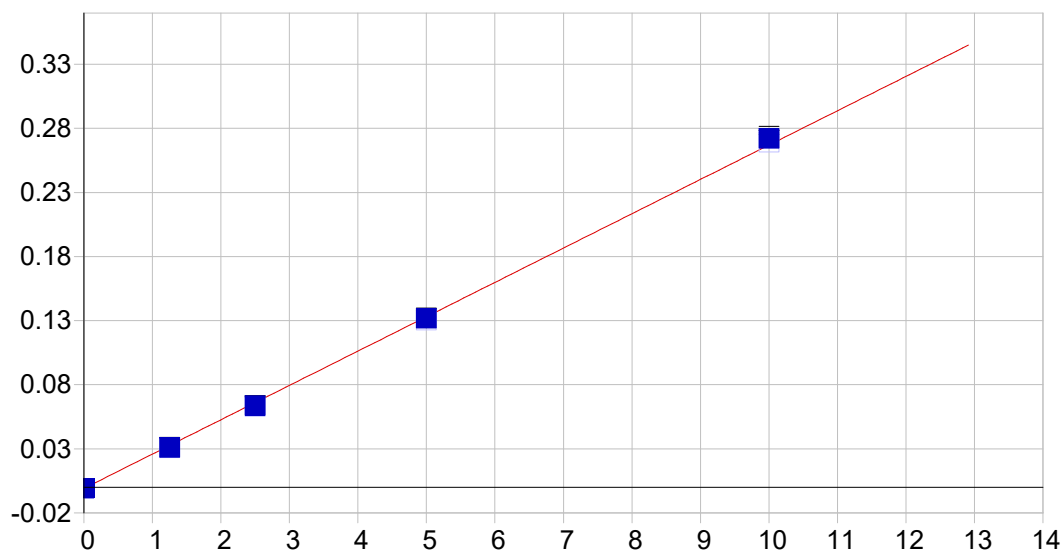


K 769.896 { 44}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.031950	Re-Slope:	1.000000
A1 (Gain):	0.011676	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000339		
Predicted MDL:	0.077867		
Predicted MQL:	0.259557		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00028	-.000	.000	.03195	.001	1
S1	5.0000	5.4574	.457	9.15	.09567	.001	1
S2	37.500	36.801	-.699	-1.86	.46163	.000	1
S3	75.000	73.328	-1.67	-2.23	.88810	.002	1
S4	150.00	149.54	-.458	-.305	1.7780	.004	1
S5	300.00	302.37	2.37	.791	3.5623	.013	1

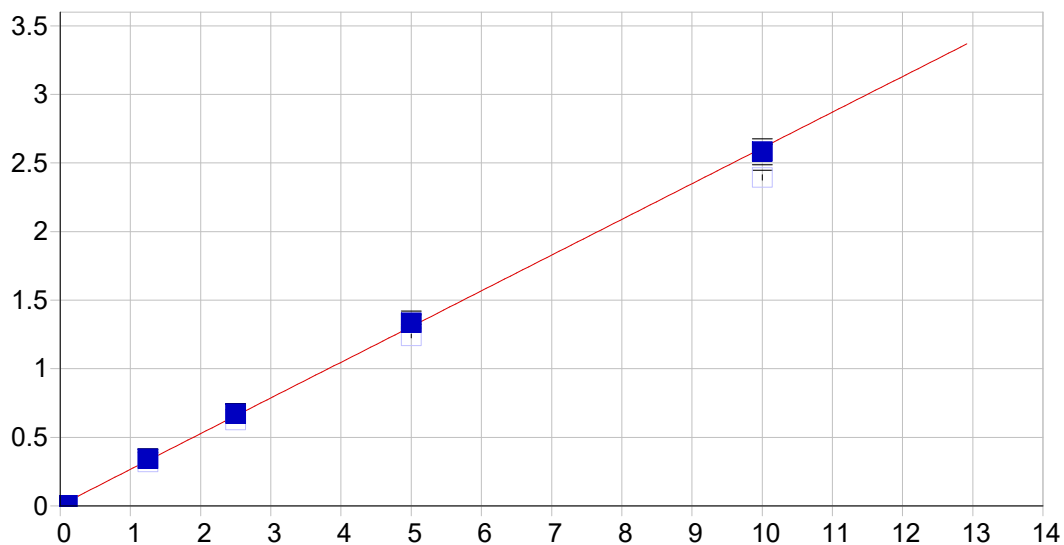


P 177.495 {490}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000889 Re-Slope: 1.000000
 A1 (Gain): 0.026788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004460
 Predicted MQL: 0.014866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.01000	.01166	.002	16.6	-.00058	.000	1
S2	1.2500	1.1924	-.058	-4.61	.03068	.000	1
S3	2.5000	2.4076	-.092	-3.70	.06286	.000	1
S4	5.0000	4.9561	-.044	-.878	.13038	.000	1
S5	10.000	10.192	.192	1.92	.26914	.002	1

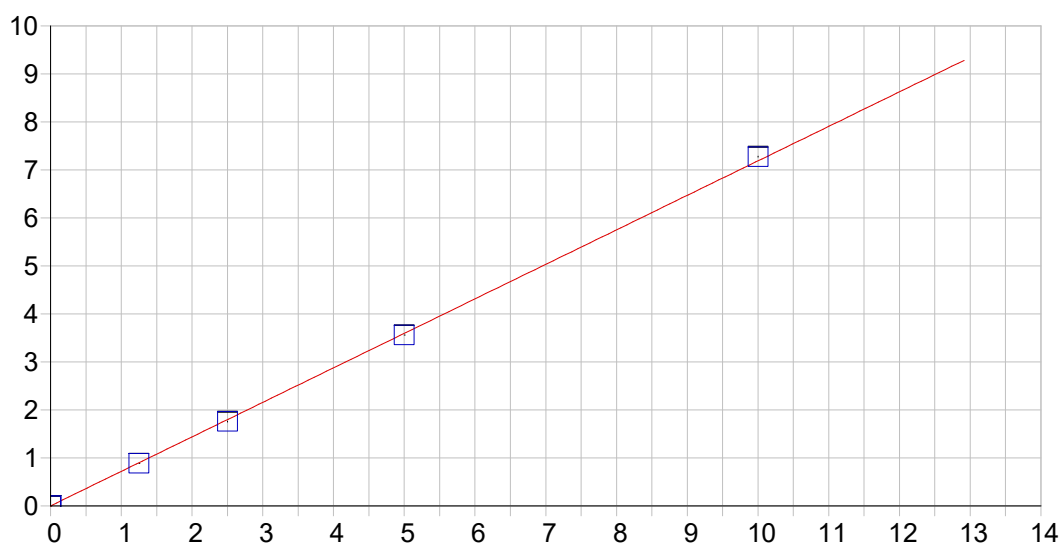


B 249.678 {135}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005721	Re-Slope:	1.000000
A1 (Gain):	0.260397	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996983	Status:	OK.
Std Error of Est:	0.001000		
Predicted MDL:	0.001089		
Predicted MQL:	0.003630		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00574	.000	1
S1	.10000	.00390	-.096	-96.1	.00668	.000	1
S2	1.2500	1.2924	.042	3.39	.31864	.002	1
S3	2.5000	2.5606	.061	2.42	.62524	.002	1
S4	5.0000	5.1003	.100	2.01	1.2393	.014	1
S5	10.000	9.9001	-.100	-.999	2.3947	.019	1

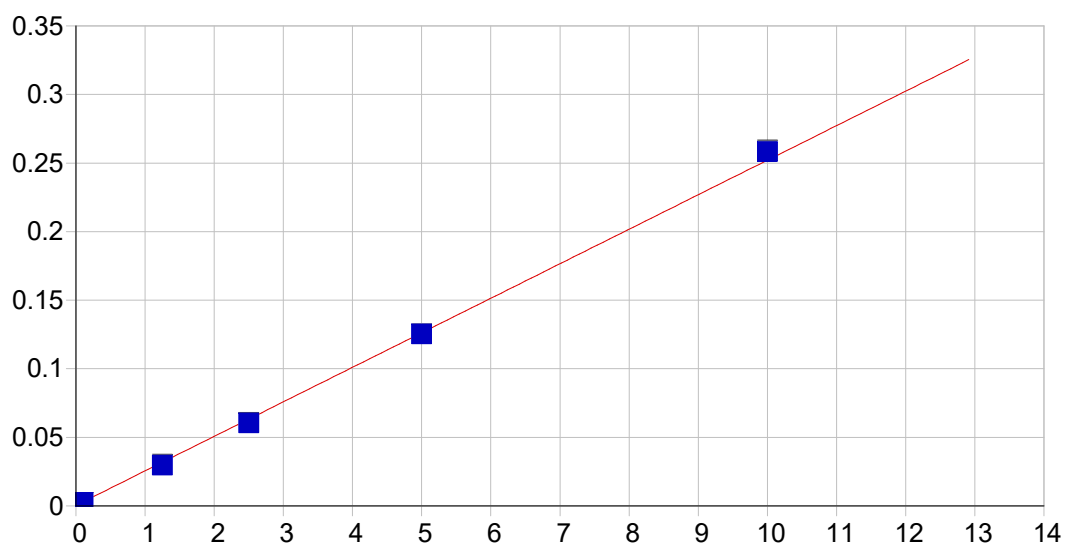


Mo 202.030 {467}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000877 Re-Slope: 1.000000
 A1 (Gain): 0.718748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.000413
 Predicted MQL: 0.001378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00088	.000	1
S1	.01000	.01141	.001	14.1	.00908	.000	1
S2	1.2500	1.2313	-.019	-1.50	.88587	.002	1
S3	2.5000	2.4429	-.057	-2.28	1.7567	.007	1
S4	5.0000	4.9517	-.048	-.967	3.5599	.001	1
S5	10.000	10.123	.123	1.23	7.2766	.008	1

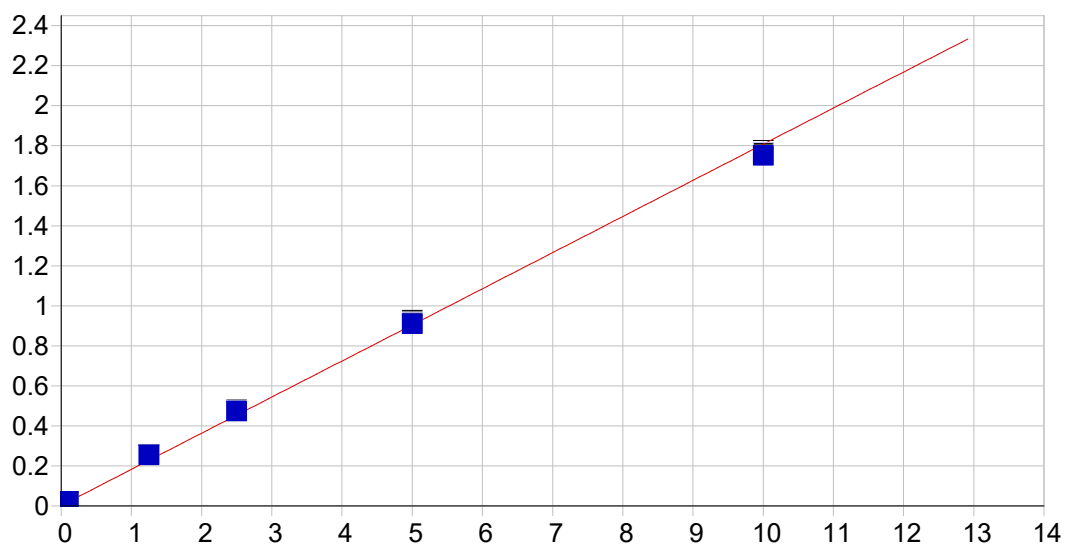


S 182.034 {485}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000391 Re-Slope: 1.000000
 A1 (Gain): 0.025168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999524 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.005750
 Predicted MQL: 0.019168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00039	.000	1
S1	.10000	.09169	-.008	-8.31	.00270	.000	1
S2	1.2500	1.1656	-.084	-6.75	.02979	.000	1
S3	2.5000	2.3847	-.115	-4.61	.06054	.000	1
S4	5.0000	4.9621	-.038	-.759	.12554	.000	1
S5	10.000	10.246	.246	2.46	.25879	.001	1

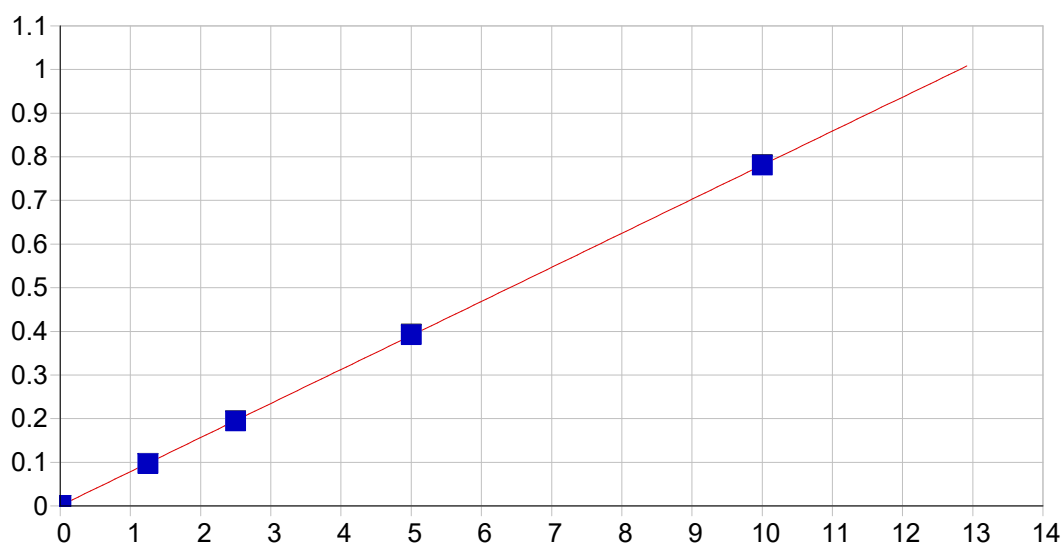


Si 251.611 {134}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002125 Re-Slope: 1.000000
 A1 (Gain): 0.180528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999076 Status: OK.
 Std Error of Est: 0.000416
 Predicted MDL: 0.001424
 Predicted MQL: 0.004746

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00212	.000	1
S1	.10000	.11991	.020	19.9	.02384	.000	1
S2	1.2500	1.3940	.144	11.5	.25578	.001	1
S3	2.5000	2.6130	.113	4.52	.47783	.002	1
S4	5.0000	5.0331	.033	.663	.91873	.009	1
S5	10.000	9.6900	-.310	-3.10	1.7674	.009	1

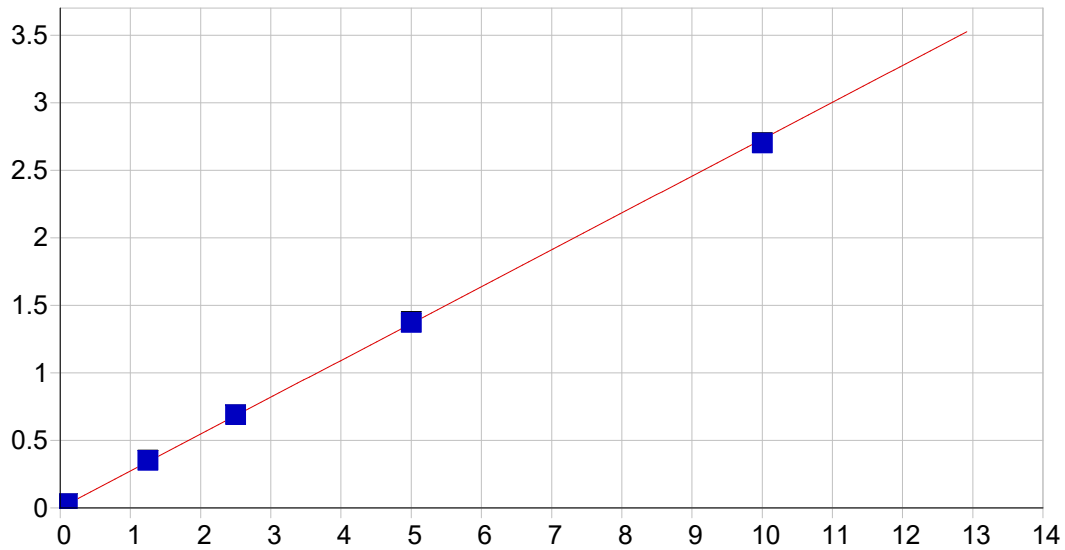


Sn 189.989 {478}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.078024 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001770
 Predicted MQL: 0.005900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.00700	.00506	-.002	-27.6	.00087	.000	1
S2	1.2500	1.2366	-.013	-1.07	.09678	.000	1
S3	2.5000	2.4849	-.015	-.603	.19397	.000	1
S4	5.0000	5.0266	.027	.531	.39188	.001	1
S5	10.000	10.004	.004	.038	.77941	.001	1

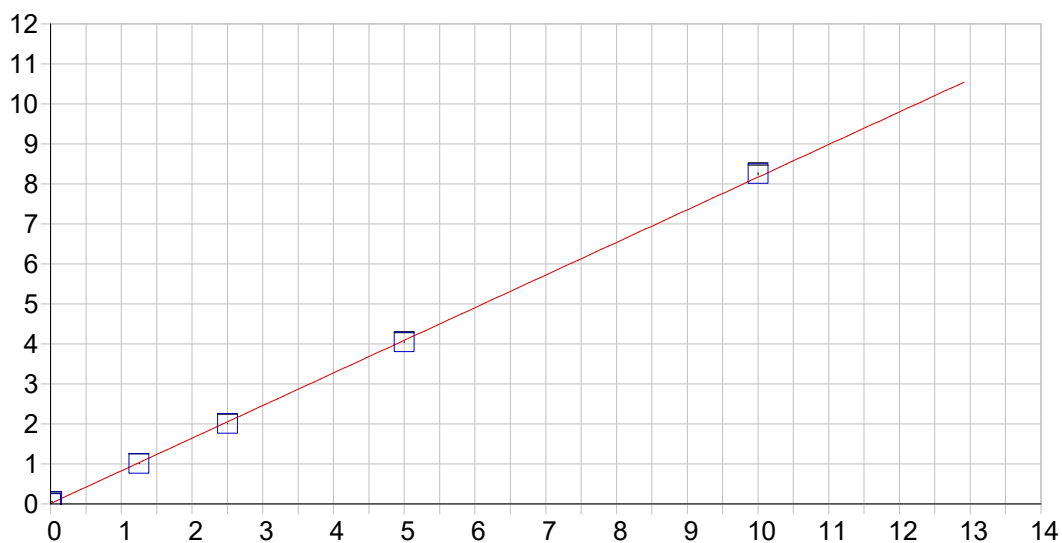


Ti 336.121 {100}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000500 Re-Slope: 1.000000
 A1 (Gain): 0.272884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.001366
 Predicted MQL: 0.004554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00050	.000	1
S1	.10000	.11528	.015	15.3	.03195	.000	1
S2	1.2500	1.2861	.036	2.89	.35135	.001	1
S3	2.5000	2.5287	.029	1.15	.69030	.002	1
S4	5.0000	5.0286	.029	.573	1.3723	.006	1
S5	10.000	9.8912	-.109	-1.09	2.6987	.002	1



Li 670.784 { 50}

Date of Fit: 06/19/2020 16:19:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011678 Re-Slope: 1.000000
 A1 (Gain): 0.815677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997491 Status: OK.
 Std Error of Est: 0.001189
 Predicted MDL: 0.001499
 Predicted MQL: 0.004995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01165	.001	1
S5	10.000	10.104	.104	1.04	8.2531	.027	1
S4	5.0000	4.9460	-.054	-1.08	4.0460	.010	1
S3	2.5000	2.4429	-.057	-2.28	2.0043	.006	1
S2	1.2500	1.2204	-.030	-2.37	1.0071	.002	1
S1	.01500	.05190	.037	246.	.05401	.001	1







Y 371.030 { 91}*

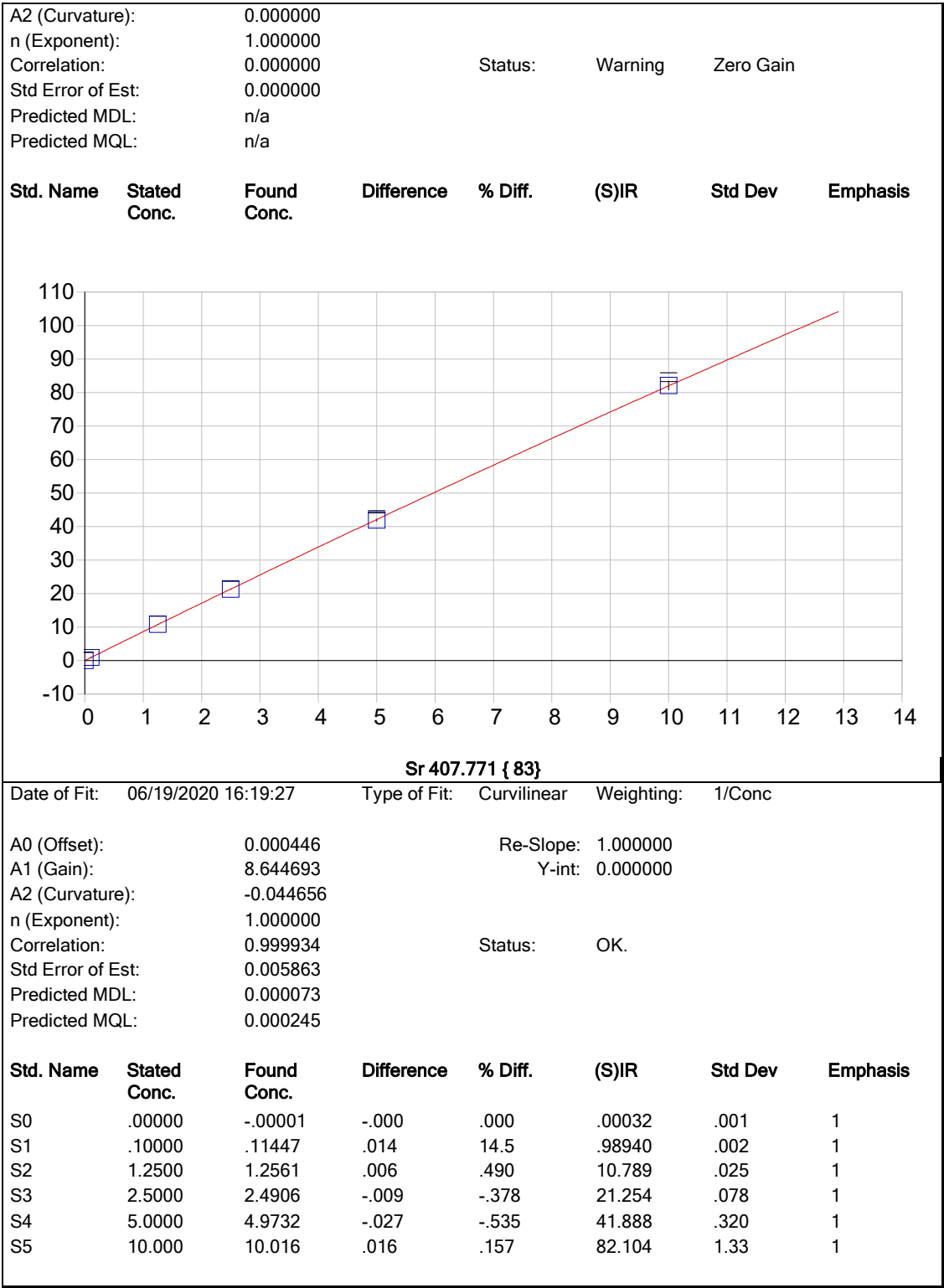
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



Sample Name: S0 Acquired: 06/19/2020 12:27:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.00030	-.00063	-.00043	.00075	.00036	-.00169	.00266	-.00081
Stddev	.00001	.00012	.00022	.00005	.00013	.00050	.00111	.00014
%RSD	3.9207	19.798	50.699	6.8832	36.704	29.731	41.719	17.003

#1	-.00031	-.00048	-.00018	.00071	.00022	-.00116	.00390	-.00065
#2	-.00031	-.00071	-.00053	.00074	.00038	-.00215	.00231	-.00090
#3	-.00029	-.00069	-.00059	.00081	.00049	-.00176	.00177	-.00088

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	.00103	.00201	.00014	.00003	.00178	.00092	.00016	-.00012
Stddev	.00031	.00059	.00008	.00010	.00008	.00013	.00014	.00012
%RSD	29.646	29.367	61.247	321.29	4.7392	13.646	88.354	93.919

#1	.00074	.00177	.00008	.00014	.00171	.00092	.00000	-.00026
#2	.00135	.00158	.00023	-.00005	.00177	.00079	.00019	-.00007
#3	.00101	.00268	.00009	.00000	.00187	.00104	.00028	-.00004

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	-.00116	-.00123	-.00000	-.00029	-.00017	.03195	-.00089	.00574
Stddev	.00012	.00009	.00106	.00011	.00055	.00085	.00004	.00008
%RSD	10.567	7.0056	24244.	36.566	313.21	2.6652	4.9244	1.4773

#1	-.00108	-.00122	-.00007	-.00042	-.00077	.03160	-.00086	.00575
#2	-.00130	-.00132	-.00103	-.00023	.00030	.03132	-.00086	.00566
#3	-.00110	-.00115	.00109	-.00023	-.00005	.03292	-.00094	.00582

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	.00088	.00039	.00212	.00049	.00050	.01165	.00032	
Stddev	.00033	.00013	.00017	.00012	.00032	.00104	.00056	
%RSD	37.654	32.375	8.1172	23.344	64.399	8.9437	172.19	

#1	.00122	.00037	.00231	.00060	.00072	.01133	.00072	
#2	.00057	.00028	.00198	.00051	.00064	.01080	-.00031	
#3	.00084	.00053	.00206	.00037	.00013	.01281	.00057	

Sample Name: S0 Acquired: 06/19/2020 12:27:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1446.5	1685.1	46723.	10237.	2722.0
Stddev	3.5	1.0	142.	75.	2.1
%RSD	.23907	.05654	.30356	.72883	.07855
#1	1444.2	1685.3	46605.	10151.	2720.0
#2	1444.7	1684.1	46684.	10282.	2721.7
#3	1450.4	1686.0	46880.	10278.	2724.3

Sample Name: S1 Acquired: 06/19/2020 12:31:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.00005	.00035	.00154	.00265	.00848	.01499	.57713	.01559
Stddev	.00023	.00007	.00040	.00001	.00034	.00017	.00030	.00045
%RSD	415.25	21.159	25.763	.26770	4.0377	1.1475	.05264	2.8982
#1	-.00015	.00027	.00120	.00264	.00842	.01483	.57735	.01610
#2	-.00021	.00041	.00145	.00265	.00816	.01517	.57726	.01524
#3	.00020	.00038	.00198	.00266	.00884	.01496	.57678	.01543
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	.01731	.23897	.00174	.04617	.00500	.00385	.00662	.05633
Stddev	.00017	.00069	.00004	.00008	.00045	.00021	.00013	.00053
%RSD	.99326	.28963	2.3825	.18127	8.9866	5.5077	1.9672	.94187
#1	.01746	.23956	.00177	.04626	.00549	.00373	.00676	.05621
#2	.01734	.23914	.00170	.04611	.00491	.00410	.00650	.05691
#3	.01712	.23821	.00177	.04614	.00460	.00373	.00662	.05587
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	.02123	.00141	.02385	.00564	.01123	.09567	-.00058	.00668
Stddev	.00036	.00005	.00058	.00020	.00089	.00087	.00006	.00008
%RSD	1.7099	3.4262	2.4135	3.5131	7.9544	.91327	10.064	1.2270
#1	.02114	.00146	.02327	.00587	.01137	.09667	-.00063	.00666
#2	.02093	.00138	.02442	.00555	.01027	.09504	-.00059	.00662
#3	.02164	.00138	.02387	.00550	.01204	.09531	-.00051	.00678
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	.00908	.00270	.02384	.00087	.03195	.05401	.98940	
Stddev	.00028	.00002	.00025	.00011	.00018	.00118	.00211	
%RSD	3.0833	.74790	1.0550	12.843	.56629	2.1935	.21331	
#1	.00921	.00269	.02408	.00100	.03176	.05434	.98984	
#2	.00875	.00269	.02357	.00079	.03212	.05270	.98711	
#3	.00927	.00272	.02386	.00083	.03197	.05500	.99126	

Sample Name: S1 Acquired: 06/19/2020 12:31:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1452.8	1679.6	47199.	10340.	2707.8
Stddev	46.3	4.9	1101.	58.	2.8
%RSD	3.1844	.28984	2.3324	.56061	.10365
#1	1419.0	1674.0	46423.	10302.	2704.5
#2	1505.5	1682.0	48459.	10311.	2709.3
#3	1433.8	1682.7	46715.	10406.	2709.5

Sample Name: S2 Acquired: 06/19/2020 12:36:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.03222	.04612	1.1464	.06766	.15707	2.7639	7.5750	.35070
Stddev	.00037	.00020	.0041	.00022	.00027	.0040	.0181	.00163
%RSD	1.1443	.43916	.35484	.32117	.17309	.14360	.23851	.46538

#1	.03265	.04593	1.1466	.06758	.15677	2.7683	7.5659	.34893
#2	.03197	.04609	1.1422	.06790	.15712	2.7606	7.5958	.35214
#3	.03205	.04633	1.1503	.06749	.15730	2.7628	7.5633	.35104

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	1.7537	2.6009	.56645	.51755	.46577	1.0195	1.3541	.61917
Stddev	.0022	.0102	.00074	.00079	.00037	.0056	.0064	.00270
%RSD	.12307	.39245	.13094	.15225	.07946	.54832	.47299	.43594

#1	1.7540	2.6036	.56726	.51702	.46596	1.0190	1.3536	.61856
#2	1.7514	2.6095	.56581	.51718	.46600	1.0254	1.3607	.62212
#3	1.7557	2.5896	.56627	.51845	.46534	1.0142	1.3480	.61682

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	.29784	.07313	.16613	.05948	.55555	.46163	.03068	.31864
Stddev	.00058	.00042	.00188	.00058	.00352	.00049	.00002	.00175
%RSD	.19550	.57669	1.1338	.97108	.63386	.10590	.04904	.54789

#1	.29731	.07276	.16579	.05882	.55153	.46113	.03068	.31665
#2	.29776	.07303	.16815	.05972	.55704	.46211	.03069	.31934
#3	.29846	.07359	.16443	.05989	.55808	.46165	.03066	.31992

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	.88587	.02979	.25578	.09678	.35135	1.0071	10.789
Stddev	.00162	.00050	.00142	.00034	.00109	.0022	.025
%RSD	.18302	1.6640	.55563	.35203	.30911	.21657	.23591

#1	.88400	.03026	.25433	.09640	.35261	1.0086	10.810
#2	.88679	.02927	.25717	.09705	.35074	1.0082	10.795
#3	.88683	.02985	.25585	.09689	.35071	1.0046	10.761

Sample Name: S2 Acquired: 06/19/2020 12:36:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1393.9	1613.4	45721.	10302.	2524.3
Stddev	13.8	2.4	212.	54.	4.8
%RSD	.99283	.14615	.46324	.52606	.19189
#1	1408.9	1615.9	45920.	10306.	2523.0
#2	1381.7	1613.1	45498.	10246.	2529.6
#3	1391.1	1611.3	45745.	10354.	2520.2

Sample Name: S3 Acquired: 06/19/2020 12:39:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.06440	.09093	2.2754	.13282	.31225	5.5591	14.968	.68304
Stddev	.00049	.00025	.0048	.00045	.00084	.0234	.029	.00171
%RSD	.75447	.27251	.21144	.33841	.26828	.42090	.19337	.25061

#1	.06401	.09120	2.2705	.13265	.31144	5.5424	14.992	.68269
#2	.06424	.09071	2.2756	.13248	.31221	5.5859	14.975	.68490
#3	.06495	.09088	2.2801	.13333	.31311	5.5491	14.936	.68153

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4631	5.0874	1.1036	1.0313	.91076	1.9752	2.6273	1.2247
Stddev	.0052	.0065	.0009	.0023	.00150	.0035	.0026	.0013
%RSD	.14990	.12739	.08014	.22589	.16416	.17587	.09700	.10377

#1	3.4588	5.0839	1.1026	1.0293	.90930	1.9758	2.6301	1.2236
#2	3.4616	5.0949	1.1043	1.0307	.91229	1.9715	2.6252	1.2243
#3	3.4688	5.0834	1.1040	1.0338	.91070	1.9783	2.6266	1.2261

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	.59182	.14707	.32791	.11692	1.1168	.88810	.06286	.62524
Stddev	.00076	.00121	.00031	.00033	.0143	.00244	.00013	.00218
%RSD	.12889	.82262	.09394	.27944	1.2780	.27495	.20779	.34852

#1	.59182	.14842	.32827	.11727	1.1321	.88538	.06271	.62446
#2	.59106	.14607	.32775	.11687	1.1146	.89009	.06296	.62771
#3	.59259	.14672	.32772	.11662	1.1038	.88883	.06290	.62357

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	1.7567	.06054	.47783	.19397	.69030	2.0043	21.254
Stddev	.0068	.00029	.00219	.00042	.00201	.0059	.078
%RSD	.38717	.47289	.45893	.21526	.29102	.29361	.36850

#1	1.7490	.06024	.47611	.19351	.68928	2.0031	21.167
#2	1.7595	.06080	.48030	.19431	.69262	2.0107	21.319
#3	1.7617	.06059	.47709	.19410	.68901	1.9991	21.275

Sample Name: S3 Acquired: 06/19/2020 12:39:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1352.8	1557.7	44896.	10269.	2403.6
Stddev	16.2	5.9	335.	39.	6.1
%RSD	1.1974	.37844	.74573	.37990	.25397
#1	1334.2	1561.6	44537.	10308.	2406.5
#2	1363.1	1560.5	45200.	10230.	2407.6
#3	1361.2	1550.9	44952.	10268.	2396.5

Sample Name: S4 Acquired: 06/19/2020 12:43:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.13257	.17874	4.5957	.26445	.63871	11.302	29.825	1.3536
Stddev	.00053	.00058	.0134	.00038	.00101	.046	.031	.0118
%RSD	.40095	.32409	.29115	.14275	.15839	.40557	.10344	.86916

#1	.13196	.17816	4.5913	.26487	.63945	11.286	29.852	1.3463
#2	.13279	.17873	4.5850	.26413	.63756	11.353	29.830	1.3672
#3	.13294	.17932	4.6107	.26437	.63912	11.266	29.791	1.3474

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	6.8949	10.105	2.1736	2.0748	1.8100	3.8698	5.1554	2.4651
Stddev	.0156	.005	.0051	.0071	.0017	.0083	.0060	.0072
%RSD	.22621	.05096	.23419	.34297	.09163	.21310	.11619	.29315

#1	6.8919	10.109	2.1751	2.0725	1.8083	3.8702	5.1549	2.4670
#2	6.8811	10.099	2.1679	2.0691	1.8117	3.8613	5.1497	2.4571
#3	6.9118	10.107	2.1777	2.0828	1.8101	3.8778	5.1617	2.4712

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	1.1843	.29883	.65798	.23105	2.3018	1.7780	.13038	1.2393
Stddev	.0023	.00201	.00075	.00039	.0354	.0040	.00020	.0136
%RSD	.19638	.67154	.11347	.16870	1.5363	.22261	.15417	1.0943

#1	1.1832	.29713	.65857	.23091	2.2801	1.7773	.13018	1.2320
#2	1.1827	.30105	.65714	.23074	2.3426	1.7822	.13058	1.2550
#3	1.1870	.29832	.65823	.23149	2.2828	1.7744	.13037	1.2310

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5599	.12554	.91873	.39188	1.3723	4.0460	41.888
Stddev	.0006	.00014	.00855	.00115	.0056	.0104	.320
%RSD	.01567	.10926	.93092	.29407	.40872	.25696	.76283

#1	3.5596	.12564	.91391	.39128	1.3697	4.0452	41.983
#2	3.5605	.12538	.92861	.39114	1.3787	4.0568	41.532
#3	3.5595	.12560	.91367	.39321	1.3684	4.0361	42.149

Sample Name: S4 Acquired: 06/19/2020 12:43:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1285.7	1472.3	43934.	10166.	2259.9
Stddev	9.4	2.1	129.	32.	4.2
%RSD	.72841	.14002	.29279	.31530	.18630
#1	1294.6	1470.1	44020.	10133.	2260.9
#2	1275.9	1474.1	43995.	10197.	2263.5
#3	1286.6	1472.9	43786.	10169.	2255.2

Sample Name: S5 Acquired: 06/19/2020 12:47:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.27704	.34685	9.1428	.53361	1.3380	22.687	59.059	2.6451
Stddev	.00147	.00122	.0070	.00128	.0000	.064	.627	.0182
%RSD	.53049	.35289	.07624	.23923	.00196	.28323	1.0612	.68971

#1	.27611	.34545	9.1351	.53453	1.3380	22.719	59.238	2.6654
#2	.27873	.34771	9.1447	.53413	1.3380	22.729	58.362	2.6300
#3	.27627	.34738	9.1486	.53215	1.3380	22.613	59.576	2.6400

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	13.538	20.013	4.1981	4.1283	3.5844	7.5706	10.122	4.9775
Stddev	.020	.052	.0053	.0058	.0061	.0080	.024	.0053
%RSD	.14424	.25972	.12725	.14004	.17121	.10551	.23229	.10582

#1	13.531	20.073	4.2006	4.1229	3.5910	7.5785	10.145	4.9799
#2	13.522	19.982	4.1919	4.1278	3.5789	7.5625	10.098	4.9714
#3	13.560	19.985	4.2017	4.1344	3.5834	7.5707	10.121	4.9811

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3359	.61089	1.3291	.45877	4.7541	3.5623	.26914	2.3947
Stddev	.0037	.00297	.0036	.00126	.0200	.0127	.00163	.0192
%RSD	.15889	.48572	.27203	.27457	.41988	.35651	.60651	.80219

#1	2.3341	.61357	1.3328	.45929	4.7762	3.5770	.26755	2.4168
#2	2.3334	.60770	1.3255	.45969	4.7375	3.5553	.26907	2.3824
#3	2.3402	.61141	1.3291	.45734	4.7485	3.5548	.27081	2.3848

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.2766	.25879	1.7674	.77941	2.6987	8.2531	82.104
Stddev	.0084	.00059	.0090	.00100	.0024	.0268	1.328
%RSD	.11526	.22812	.51029	.12824	.08751	.32484	1.6176

#1	7.2683	.25829	1.7778	.77828	2.7002	8.2743	83.437
#2	7.2851	.25864	1.7611	.77978	2.7000	8.2621	80.781
#3	7.2762	.25944	1.7634	.78018	2.6960	8.2230	82.092

Sample Name: S5 Acquired: 06/19/2020 12:47:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	1186.3	1343.8	42141.	10037.	2092.7
Stddev	16.2	3.9	356.	79.	3.4
%RSD	1.3661	.29356	.84397	.78413	.16423
#1	1169.5	1346.3	41840.	9953.3	2096.7
#2	1201.8	1339.3	42534.	10110.	2090.6
#3	1187.6	1345.8	42049.	10048.	2090.8

Sample Name: S6 Acquired: 06/19/2020 12:51:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	57.842	32.120	20.151	8.2311	3.6260
Stddev	.652	.178	.046	.0133	.0194
%RSD	1.1271	.55294	.22636	.16133	.53493

#1	57.325	31.928	20.203	8.2454	3.6440
#2	58.574	32.277	20.120	8.2192	3.6054
#3	57.627	32.156	20.130	8.2288	3.6285

Int. Std.	Y_3710
Units	Cts/S
Avg	9974.6
Stddev	2.4
%RSD	.02386

#1	9977.1
#2	9972.4
#3	9974.4

Sample Name: ICV Acquired: 06/19/2020 13:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.9525616	1.057433	.9773809	1.035328	.9351718	2.319785
Stddev	.0060631	.006114	.0006485	.009290	.0027259	.002124
%RSD	.6365054	.5781669	.0663520	.8972677	.2914912	.0915741

#1	.9537134	1.062934	.9771126	1.025805	.9329876	2.322177
#2	.9460052	1.058513	.9769096	1.044365	.9343012	2.319059
#3	.9579662	1.050851	.9781205	1.035813	.9382268	2.318119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130935	.5162652	.5112673	10.05277	.5402039	.4976826
Stddev	.0018566	.0072284	.0010962	.04137	.0004927	.0019544
%RSD	.3618368	1.400135	.2144091	.4115340	.0912059	.3927035

#1	.5125698	.5087027	.5101352	10.01084	.5403413	.4954760
#2	.5115550	.5231052	.5113430	10.05391	.5406134	.4983760
#3	.5151556	.5169876	.5123237	10.09356	.5396572	.4991958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4865349	10.39460	.5137429	5.460384	.5092256	.2362203
Stddev	.0024561	.04796	.0022993	.037675	.0014803	.0000915
%RSD	.5048099	.4614342	.4475578	.6899635	.2906997	.0387443

#1	.4860990	10.34253	.5111670	5.419705	.5088942	.2361230
#2	.4891798	10.40430	.5155880	5.467372	.5079391	.2362334
#3	.4843260	10.43698	.5144738	5.494076	.5108436	.2363046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.102915	.5089752	1.099905	9.028062	F .0021866	F -.002500
Stddev	.226354	.0025127	.017993	.026154	.0012396	.001023
%RSD	2.486613	.4936862	1.635857	.2896912	56.69024	40.90001

#1	9.328891	.5063585	1.104592	8.998414	.0029708	-.001835
#2	9.103668	.5113692	1.080032	9.037911	.0007575	-.003678
#3	8.876185	.5091979	1.115090	9.047861	.0028314	-.001988

Sample Name: ICV Acquired: 06/19/2020 13:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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 -.000523	F -.000875	F .0005021	F -.003462	F -.002205	F -.004354
Stddev	.000317	.004456	.0013630	.001573	.001442	.000859
%RSD	60.54623	509.4688	271.4507	45.42203	65.38197	19.73071

#1	-.000385	-.001672	-.000983	-.003267	-.003182	-.005343
#2	-.000885	.003926	.001695	-.001997	-.002884	-.003798
#3	-.000299	-.004878	.000794	-.005124	-.000549	-.003920

Elem	Sr4077
Units	ppm
Avg	F .0011830
Stddev	.0000644
%RSD	5.445472

#1	.0011088
#2	.0012152
#3	.0012249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.370	1665.147	46963.89	10479.03	2682.786
Stddev	10.915	1.782	351.11	55.05	2.285
%RSD	.7562437	.1070183	.7476077	.5253637	.0851812

#1	1446.596	1665.830	46800.46	10541.90	2682.596
#2	1452.308	1663.124	47366.92	10439.45	2685.160
#3	1431.205	1666.486	46724.30	10455.74	2680.602

Sample Name: ICB Acquired: 06/19/2020 13:20:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.002223	-.001897	-.002009	-.002175	.0017308	.0019205	-.000888
Stddev	.001637	.002110	.000825	.000357	.0021961	.0052141	.000279
%RSD	73.64538	111.2324	41.08631	16.42657	126.8875	271.4945	31.38532

#1	-.000827	-.004315	-.001066	-.002450	.0015111	.0060504	-.000572
#2	-.004025	-.000428	-.002601	-.002303	.0040284	.0036496	-.001097
#3	-.001818	-.000948	-.002360	-.001771	-.000347	-.003938	-.000997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	-.000082	.0004030	-.001479	-.000215	-.002216	-.005176
Stddev	.000069	.000029	.0160627	.000241	.000100	.001905	.003252
%RSD	221.1199	36.03708	3985.561	16.26110	46.63707	85.93753	62.82037

#1	.000048	-.000049	.0172197	-.001398	-.000244	-.000158	-.007824
#2	-.000067	-.000089	-.001230	-.001290	-.000103	-.003916	-.006158
#3	-.000076	-.000107	-.014781	-.001750	-.000298	-.002576	-.001547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000189	-.010013	.0001467	-.000171	-.133123	.0003472	-.004581
Stddev	.000225	.023165	.0004992	.000158	.183525	.0019438	.002019
%RSD	119.0821	231.3441	340.3572	92.17688	137.8613	559.8310	44.07647

#1	-.000413	-.024285	.0007224	-.000197	-.204810	.0002316	-.002253
#2	-.000190	.016715	-.000165	-.000002	.075426	-.001536	-.005859
#3	.000036	-.022469	-.000117	-.000315	-.269985	.002346	-.005630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069808	.0012619	-.014553	-.000873	-.003691	-.002326	-.004377
Stddev	.086053	.0030200	.000405	.000583	.001488	.001306	.001151
%RSD	123.2696	239.3194	2.782121	66.81443	40.32874	56.14580	26.30875

#1	-.065175	-.000222	-.014687	-.000756	-.004933	-.002450	-.005528
#2	-.158084	-.000729	-.014873	-.000357	-.002041	-.000962	-.003225
#3	.013834	.004737	-.014098	-.001506	-.004098	-.003565	-.004377

Sample Name: ICB Acquired: 06/19/2020 13:20:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.000477	-.005119	-.000001
Stddev	.000551	.000448	.000064
%RSD	115.5529	8.748540	6750.518

#1	.000114	-.005423	-.000075
#2	-.000977	-.004605	.000034
#3	-.000568	-.005329	.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.840	1668.640	47388.38	10392.14	2705.753
Stddev	8.040	2.652	299.79	20.44	.776
%RSD	.5568358	.1589574	.6326213	.1966805	.0286629

#1	1434.601	1670.417	47076.59	10397.28	2706.544
#2	1449.251	1665.591	47674.53	10409.53	2705.719
#3	1447.667	1669.911	47414.02	10369.63	2704.994

Sample Name: ICSA Acquired: 06/19/2020 13:29:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.000118	.0122843	-.005920	.0023802	.0047565	249.9833
Stddev	.001981	.0031913	.001110	.0016936	.0047289	.9602
%RSD	1674.036	25.97850	18.75569	71.15347	99.41938	.3840977

#1	-.001279	.0137163	-.005224	.0032923	.0086642	249.1340
#2	.002169	.0145086	-.005337	.0004260	.0061058	251.0252
#3	-.001245	.0086278	-.007201	.0034222	-.000500	249.7908

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052090	.0011235	.0001474	255.8849	.0497474	-.000603
Stddev	.0001456	.0000452	.0002236	.7975	.0005582	.000199
%RSD	2.795671	4.027042	151.7275	.3116559	1.122050	32.94183

#1	.0053581	.0011756	.0001798	256.6506	.0500459	-.000475
#2	.0052019	.0011014	.0003531	255.0591	.0500930	-.000502
#3	.0050671	.0010936	-.000091	255.9450	.0491035	-.000832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005031	104.9367	.0104980	251.6108	.0011021	.0005756
Stddev	.001401	.2022	.0007581	.6534	.0009735	.0002943
%RSD	27.84895	.1926486	7.221642	.2596894	88.32380	51.12436

#1	-.003498	104.9854	.0113155	252.0555	.0021606	.0005531
#2	-.006244	104.7146	.0103601	250.8606	.0009004	.0002932
#3	-.005352	105.1100	.0098182	251.9163	.0002453	.0008805

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.718560	.0050502	.0037654	-.478185	F .0105271	.0864068
Stddev	.160056	.0010037	.0017270	.085274	.0053748	.0004814
%RSD	22.27457	19.87339	45.86382	17.83293	51.05640	.5570860

#1	-.578072	.0055760	.0020852	-.509593	.0166390	.0859242
#2	-.892801	.0056818	.0055356	-.381661	.0065378	.0864092
#3	-.684808	.0038929	.0036754	-.543302	.0084044	.0868869

Sample Name: ICSA Acquired: 06/19/2020 13:29:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.000724	-.007919	-.006204	F -.010553	-.003109	-.004133
Stddev	.000372	.002590	.000582	.002466	.000222	.001015
%RSD	51.40640	32.70573	9.380024	23.36790	7.129863	24.56480
#1	-.000420	-.005036	-.006594	-.010748	-.002857	-.004695
#2	-.000613	-.010048	-.005535	-.012915	-.003195	-.002961
#3	-.001139	-.008675	-.006482	-.007995	-.003275	-.004742

Elem	Sr4077
Units	ppm
Avg	F .1034948
Stddev	.0003036
%RSD	.2933053
#1	.1032646
#2	.1033811
#3	.1038388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.549	1550.065	43589.23	10237.25	2324.912
Stddev	1.214	1.920	67.33	12.36	1.156
%RSD	.0919891	.1238816	.1544707	.1206874	.0497361
#1	1319.633	1548.427	43664.46	10246.93	2325.242
#2	1318.295	1549.588	43568.64	10241.48	2325.867
#3	1320.718	1552.178	43534.60	10223.34	2323.626

Sample Name: ICSAB Acquired: 06/19/2020 13:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	.0852127	.0936131	.0439901	.0451514	.5083790	209.7220
Stddev	.0104066	.0059931	.0019889	.0035957	.0044786	.7626
%RSD	12.21253	6.402008	4.521164	7.963607	.8809519	.3636026

#1	.0885154	.0995144	.0453696	.0414700	.5088861	209.0295
#2	.0935672	.0875322	.0448905	.0453294	.5125823	209.5973
#3	.0735555	.0937927	.0417103	.0486548	.5036684	210.5392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4590867	.4507553	.8954500	215.7929	.5030554	.4397259
Stddev	.0021816	.0030915	.0014501	.8198	.0027463	.0006998
%RSD	.4751965	.6858445	.1619391	.3798802	.5459198	.1591433

#1	.4565709	.4510568	.8949281	214.9945	.5004743	.4390862
#2	.4604545	.4536849	.8943331	215.7517	.5059414	.4404733
#3	.4602348	.4475241	.8970888	216.6324	.5027504	.4396182

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4132894	88.91486	.4543605	211.9285	.8921269	.1790598
Stddev	.0025805	.20224	.0016498	.2861	.0014375	.0006939
%RSD	.6243791	.2274584	.3630996	.1349904	.1611349	.3875489

#1	.4162673	88.68420	.4527709	211.6172	.8928826	.1794192
#2	.4117108	89.06181	.4542461	211.9884	.8904692	.1782599
#3	.4118902	88.99858	.4560645	212.1798	.8930290	.1795004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.673160	.4499631	1.034210	-.761149	.0070323	.0708572
Stddev	.149965	.0053725	.013656	.029992	.0032089	.0032393
%RSD	22.27773	1.193985	1.320451	3.940419	45.63083	4.571632

#1	-.515670	.4529624	1.026322	-.743238	.0086840	.0680718
#2	-.689559	.4531663	1.026329	-.744435	.0090788	.0700879
#3	-.814251	.4437606	1.049979	-.795775	.0033340	.0744119

Sample Name: ICSAB Acquired: 06/19/2020 13:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) 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	-.000579	-.006901	-.004447	F -.011440	-.003366	-.006154
Stddev	.000526	.003853	.000076	.001892	.000905	.000277
%RSD	90.97493	55.83541	1.706173	16.54017	26.89320	4.493639

#1	-.000079	-.009531	-.004506	-.013564	-.003484	-.005881
#2	-.000529	-.008694	-.004361	-.010822	-.004206	-.006434
#3	-.001128	-.002478	-.004473	-.009935	-.002407	-.006147

Elem	Sr4077
Units	ppm
Avg	.0874839
Stddev	.0003380
%RSD	.3863917

#1	.0873436
#2	.0872386
#3	.0878695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.716	1563.940	44152.08	10313.39	2363.290
Stddev	12.861	.203	249.93	35.18	2.144
%RSD	.9657366	.0129791	.5660754	.3410808	.0907393

#1	1326.733	1563.909	44121.09	10319.86	2364.723
#2	1346.323	1563.755	44416.07	10275.42	2364.322
#3	1322.092	1564.157	43919.09	10344.88	2360.825

Sample Name: CCV024 Acquired: 06/19/2020 13:42:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923464	5.042040	24.92921	4.938042	4.996858	402.0783	10.34222
Stddev	.033812	.007463	.04261	.016877	.015230	1.0929	.01509
%RSD	.6867510	.1480129	.1709359	.3417692	.3048009	.2718081	.1459385

#1	4.928242	5.047294	24.92168	4.943903	4.990556	403.2982	10.33739
#2	4.887518	5.033498	24.89086	4.919017	4.985790	401.7482	10.35914
#3	4.954633	5.045327	24.97509	4.951208	5.014228	401.1885	10.33014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5054215	2.506421	411.7766	15.44061	2.519347	15.32446	411.9133
Stddev	.0042336	.006511	.5285	.04749	.008893	.05601	1.3120
%RSD	.8376406	.2597643	.1283448	.3075635	.3529808	.3654838	.3185021

#1	.5102644	2.503594	412.2929	15.41792	2.521787	15.36285	413.2507
#2	.5035774	2.501802	411.8002	15.49519	2.509489	15.35033	410.6284
#3	.5024227	2.513867	411.2367	15.40873	2.526766	15.26019	411.8607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17071	420.0547	2.527384	1.290753	407.8291	2.558396	15.19806
Stddev	.04970	1.3773	.007514	.003716	.9187	.006574	.13283
%RSD	.3276183	.3278853	.2973072	.2879184	.2252693	.2569751	.8739843

#1	15.22600	421.5754	2.526136	1.294616	408.8765	2.560982	15.11425
#2	15.12974	418.8913	2.520572	1.287204	407.1593	2.550921	15.12873
#3	15.15639	419.6973	2.535444	1.290439	407.4517	2.563284	15.35121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4901	5.205589	5.254445	4.957588	5.183309	4.973220	5.085666
Stddev	.6296	.008516	.051901	.009581	.035616	.048261	.017094
%RSD	.4075616	.1635936	.9877568	.1932637	.6871259	.9704241	.3361221

#1	154.9029	5.200602	5.313510	4.952188	5.187731	5.028518	5.069383
#2	154.8021	5.200744	5.233702	4.951925	5.145689	4.951549	5.084144
#3	153.7654	5.215422	5.216124	4.968650	5.216507	4.939592	5.103470

Sample Name: CCV024 Acquired: 06/19/2020 13:42:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.036498	5.149072	5.062493
Stddev	.022061	.007619	.045657
%RSD	.4380317	.1479679	.9018681

#1	5.035742	5.153647	5.081739
#2	5.058928	5.153292	5.010364
#3	5.014825	5.140277	5.095375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.301	1401.169	42381.12	10080.57	2102.671
Stddev	15.142	.734	195.63	38.73	3.392
%RSD	1.233761	.0523889	.4615991	.3841764	.1613168

#1	1228.326	1400.912	42430.18	10036.04	2105.002
#2	1241.905	1401.997	42547.55	10099.29	2104.232
#3	1211.673	1400.598	42165.63	10106.37	2098.780

Sample Name: CCB024 Acquired: 06/19/2020 13:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061278	.0021250	-.001709	-.005398	-.000010	.0076045	-.000572
Stddev	.0057300	.0016618	.001658	.001692	.002680	.0061614	.000311
%RSD	93.50922	78.20157	97.00430	31.34023	25722.37	81.02299	54.36254

#1	.0086263	.0010608	-.003596	-.007191	.001704	.0005203	-.000626
#2	.0101843	.0012743	-.000486	-.003830	.001365	.0117155	-.000238
#3	-.000427	.0040398	-.001046	-.005172	-.003099	.0105776	-.000853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000491	.0000189	.0069458	-.000906	-.000033	-.000784	.0001370
Stddev	.0001098	.0000925	.0144628	.000590	.000267	.000545	.0020128
%RSD	223.5373	490.4509	208.2242	65.18152	817.2639	69.44614	1469.275

#1	.0000517	.0000405	-.006823	-.000238	.000270	-.000895	.0018620
#2	.0001576	.0000986	.022015	-.001122	-.000136	-.000193	-.002074
#3	-.000062	-.000083	.005646	-.001357	-.000232	-.001265	.000623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000193	.0008773	-.000233	-.000032	-.148047	.0011843	-.002533
Stddev	.000218	.0252459	.000293	.000542	.126063	.0014270	.001112
%RSD	112.7021	2877.769	125.9059	1680.969	85.15049	120.4959	43.88714

#1	-.000288	-.028132	-.000569	-.000655	-.293415	.0018305	-.002567
#2	.000056	.012895	-.000030	.000334	-.081917	.0021739	-.001404
#3	-.000347	.017869	-.000099	.000225	-.068809	-.000452	-.003626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025838	-.002050	-.006561	-.000219	-.003459	-.000856	-.001908
Stddev	.015389	.004510	.000867	.000184	.000126	.000406	.001040
%RSD	59.55791	220.0264	13.21422	83.83688	3.655749	47.45825	54.48384

#1	-.016131	.001273	-.006969	-.000157	-.003431	-.001281	-.002775
#2	-.043581	-.007183	-.007149	-.000426	-.003597	-.000472	-.000756
#3	-.017802	-.000238	-.005565	-.000075	-.003349	-.000815	-.002194

Sample Name: CCB024 Acquired: 06/19/2020 13:46:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000386	-.002109	-.000020
Stddev	.000531	.000598	.000042
%RSD	137.5526	28.33872	206.0349

#1	-.000966	-.001857	.000025
#2	.000077	-.002792	-.000058
#3	-.000269	-.001679	-.000028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.469	1667.800	46748.46	10480.33	2701.931
Stddev	14.402	1.679	169.01	34.29	2.238
%RSD	1.010348	.1006884	.3615336	.3272148	.0828438

#1	1413.759	1666.053	46558.43	10450.50	2699.350
#2	1441.550	1669.402	46881.95	10517.80	2703.347
#3	1421.096	1667.945	46805.00	10472.70	2703.095

Sample Name: PB129504BL Acquired: 06/19/2020 13:50:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008413	.0019863	-.002226	-.001170	.0009038	.0014549	-.001023
Stddev	.0061694	.0034192	.001982	.002894	.0016179	.0044564	.000344
%RSD	733.2994	172.1398	89.02355	247.3111	179.0067	306.2983	33.62821

#1	-.005721	.0021041	-.004246	-.004187	.0027331	.0015330	-.000655
#2	.001721	.0053450	-.000285	.001584	.0003178	-.003040	-.001078
#3	.006524	-.001490	-.002147	-.000907	-.000339	.005872	-.001336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000086	-.007580	-.000946	-.000017	-.003239	-.004275
Stddev	.000061	.000056	.007808	.000318	.000211	.000710	.002984
%RSD	648.4504	65.35136	102.9961	33.58783	1261.822	21.90936	69.81541

#1	-.000073	-.000139	.000370	-.000579	-.000049	-.002495	-.006113
#2	.000049	-.000092	-.007875	-.001122	-.000210	-.003909	-.005880
#3	-.000005	-.000027	-.015236	-.001136	.000209	-.003312	-.000831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000427	-.011724	.0001821	-.000556	-.289164	.0005466	-.005097
Stddev	.000247	.015600	.0001120	.000348	.196809	.0042084	.000826
%RSD	57.95610	133.0586	61.47716	62.65004	68.06158	769.9319	16.21240

#1	-.000542	.006247	.0002908	-.000732	-.499180	.0037456	-.005705
#2	-.000143	-.019649	.0001886	-.000781	-.259349	-.004221	-.005431
#3	-.000596	-.021771	.0000671	-.000155	-.108963	.002115	-.004156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098636	-.003244	-.013689	-.000635	-.007417	-.001321	-.004058
Stddev	.0682031	.004232	.001544	.000220	.004375	.000082	.001443
%RSD	691.4635	130.4610	11.27747	34.71307	58.99073	6.177514	35.56171

#1	.0026483	-.001305	-.011908	-.000382	-.010601	-.001257	-.005593
#2	.0813875	-.008097	-.014641	-.000789	-.002428	-.001413	-.003854
#3	-.054445	-.000329	-.014518	-.000733	-.009221	-.001292	-.002728

Sample Name: PB129504BL Acquired: 06/19/2020 13:50:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW504 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000830	-.006211	-.000006
Stddev	.000486	.000473	.000053
%RSD	58.53344	7.621695	931.0103

#1	-.000820	-.005673	-.000027
#2	-.000349	-.006394	.000055
#3	-.001320	-.006565	-.000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.545	1666.443	46757.75	10406.37	2702.362
Stddev	17.915	1.452	294.28	45.89	2.869
%RSD	1.262048	.0871542	.6293750	.4409333	.1061828

#1	1407.821	1666.375	46524.74	10428.13	2703.553
#2	1410.647	1667.928	46660.05	10353.65	2704.445
#3	1440.168	1665.026	47088.45	10437.33	2699.089

Sample Name: L2987-01 Acquired: 06/19/2020 13:58:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010608	.0024770	.0022871	-.004234	-.000034	.0188914	.0220558
Stddev	.0064049	.0024544	.0025044	.001057	.003468	.0064278	.0004763
%RSD	603.8026	99.08938	109.4992	24.97072	10109.77	34.02499	2.159445

#1	.0062189	.0006782	-.000023	-.003850	.000560	.0114742	.0223820
#2	.0030716	.0052731	.004949	-.003423	-.003761	.0223645	.0215092
#3	-.006108	.0014797	.001935	-.005430	.003098	.0228355	.0222761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000544	-.000063	14.01158	-.000696	.0020767	.0552783	.0445569
Stddev	.0000162	.000034	.04608	.000102	.0002427	.0018544	.0109465
%RSD	29.79657	53.80346	.3288706	14.71346	11.68830	3.354577	24.56748

#1	.0000375	-.000098	14.02946	-.000742	.0023085	.0555057	.0542607
#2	.0000698	-.000059	13.95925	-.000579	.0020973	.0570084	.0326905
#3	.0000559	-.000031	14.04605	-.000768	.0018243	.0533207	.0467193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103219	5.726603	.0037241	.0002730	35.03184	.0008312	.0469279
Stddev	.0001618	.055988	.0004138	.0003682	.08333	.0020627	.0056305
%RSD	1.567291	.9776899	11.11101	134.8910	.2378595	248.1647	11.99824

#1	.0104408	5.690198	.0041657	.0003812	35.11564	-.001491	.0524868
#2	.0103873	5.698538	.0033452	.0005749	35.03087	.002452	.0470682
#3	.0101377	5.791073	.0036615	-.000137	34.94899	.001532	.0412284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222898	.0018837	.0231768	-.001069	6.547568	4.529239	.0193449
Stddev	.037805	.0029425	.0017571	.000596	.031755	.029310	.0007922
%RSD	16.96053	156.2137	7.581138	55.71789	.4849864	.6471284	4.095112

#1	-.266515	.0009591	.0214149	-.000836	6.577525	4.503328	.0200715
#2	-.202638	.0051774	.0249290	-.000625	6.514279	4.523339	.0194630
#3	-.199542	-.000486	.0231866	-.001746	6.550901	4.561050	.0185003

Sample Name: L2987-01 Acquired: 06/19/2020 13:58:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFT69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000527	-.011427	.0817285
Stddev	.001020	.000966	.0001817
%RSD	193.5574	8.455892	.2222757

#1	.000627	-.010329	.0815268
#2	-.000901	-.012147	.0818791
#3	-.001308	-.011804	.0817797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.111	1676.574	46859.33	10463.21	2702.479
Stddev	5.773	2.345	161.67	19.80	3.596
%RSD	.4019650	.1398450	.3450161	.1892756	.1330670

#1	1433.446	1679.088	46955.52	10440.45	2703.372
#2	1442.734	1676.186	46672.67	10472.65	2705.545
#3	1432.151	1674.447	46949.78	10476.53	2698.521

Sample Name: L2987-02 Acquired: 06/19/2020 14:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060410	.0006569	.0038709	-.003577	.0020969	.0403074	.0230391
Stddev	.0110841	.0004226	.0006244	.003155	.0009948	.0042267	.0003545
%RSD	183.4803	64.34267	16.13086	88.18454	47.44041	10.48629	1.538591

#1	-.005411	.0002286	.0036148	-.006829	.0012657	.0431382	.0233775
#2	.016716	.0006684	.0045826	-.000530	.0018259	.0354488	.0230694
#3	.006819	.0010736	.0034153	-.003373	.0031992	.0423351	.0226705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000956	-.000002	14.17235	-.001055	.0019572	-.002663	-.005776
Stddev	.0000208	.000126	.01704	.000596	.0003338	.002792	.004697
%RSD	21.71324	8125.397	.1202290	56.46840	17.05405	104.8293	81.31913

#1	.0001176	-.000144	14.16754	-.000954	.0022831	-.005852	-.011162
#2	.0000929	.000094	14.19127	-.000516	.0019726	-.000661	-.002523
#3	.0000763	.000046	14.15823	-.001695	.0016160	-.001477	-.003645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108266	5.704964	.0042597	.0000587	35.26674	.0024811	.0539512
Stddev	.0000855	.014150	.0006229	.0003171	.03673	.0021380	.0021948
%RSD	.7899633	.2480223	14.62364	539.9786	.1041596	86.17415	4.068117

#1	.0109240	5.694013	.0048344	-.000089	35.30362	.0037948	.0522988
#2	.0107916	5.699940	.0043470	-.000158	35.26645	.0036343	.0531133
#3	.0107641	5.720941	.0035977	.000423	35.23016	.0000140	.0564416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.233137	-.000170	.0306574	-.000843	6.479095	4.521450	-.005660
Stddev	.096047	.005998	.0008085	.000199	.013831	.046110	.001694
%RSD	41.19751	3538.671	2.637325	23.57956	.2134724	1.019811	29.93026

#1	-.291985	.005215	.0308710	-.001054	6.477441	4.487129	-.007444
#2	-.122303	-.006634	.0297636	-.000815	6.466166	4.503358	-.004072
#3	-.285123	.000910	.0313378	-.000659	6.493679	4.573862	-.005465

Sample Name: L2987-02 Acquired: 06/19/2020 14:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000620	-.011386	.0821158
Stddev	.000228	.001571	.0001545
%RSD	36.72568	13.80138	.1881903

#1	-.000386	-.012285	.0821304
#2	-.000634	-.009571	.0822625
#3	-.000841	-.012301	.0819544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.859	1676.291	46644.84	10407.21	2698.423
Stddev	11.362	2.847	208.32	68.48	2.767
%RSD	.7973870	.1698561	.4466018	.6579946	.1025456

#1	1415.342	1676.378	46423.07	10486.23	2695.236
#2	1437.438	1673.401	46836.40	10370.28	2699.823
#3	1421.797	1679.094	46675.04	10365.13	2700.211

Sample Name: L2987-03 Acquired: 06/19/2020 14:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076744	.0034801	.0020499	-.004396	.0001124	.0574127	.0225858
Stddev	.0077978	.0030045	.0013202	.003447	.0010166	.0016767	.0006458
%RSD	101.6071	86.33353	64.40113	78.41316	904.3986	2.920442	2.859197

#1	.0087386	.0020329	.0007278	-.008137	.0009334	.0591672	.0218669
#2	-.000601	.0014731	.0020538	-.003705	-.001025	.0558265	.0227739
#3	.014885	.0069343	.0033681	-.001347	.000429	.0572443	.0231166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000788	-.000050	13.94718	-.000772	.0018792	-.002756	-.001658
Stddev	.0000485	.000013	.03456	.000278	.0002538	.004215	.002781
%RSD	61.51055	25.92900	.2477843	36.00544	13.50458	152.9331	167.7104

#1	.0000966	-.000051	13.97762	-.001083	.0019049	.001555	-.003303
#2	.0000239	-.000037	13.95431	-.000548	.0021193	-.006867	.001553
#3	.0001158	-.000063	13.90962	-.000684	.0016136	-.002956	-.003225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105459	5.602635	.0040781	.0003251	34.10142	.0014913	.0579533
Stddev	.0005830	.046649	.0003763	.0003261	.14099	.0013555	.0046498
%RSD	5.528310	.8326218	9.226506	100.3169	.4134389	90.89351	8.023326

#1	.0106805	5.630599	.0037179	.0001930	33.98104	.0019899	.0563084
#2	.0099073	5.628523	.0044686	.0000857	34.25652	.0025270	.0632020
#3	.0110498	5.548783	.0040477	.0006966	34.06669	-.000043	.0543496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.274930	.0032467	.0294001	-.001027	6.486624	4.405753	-.005908
Stddev	.028930	.0027907	.0014789	.000134	.011806	.042437	.001748
%RSD	10.52256	85.95528	5.030116	13.08382	.1820026	.9632090	29.59347

#1	-.299755	.0063880	.0310847	-.001022	6.494358	4.446134	-.006574
#2	-.281877	.0022981	.0288002	-.000896	6.473035	4.409603	-.003925
#3	-.243160	.0010539	.0283155	-.001164	6.492478	4.361523	-.007226

Sample Name: L2987-03 Acquired: 06/19/2020 14:07:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFT70D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001522	-.012140	.0810605
Stddev	.000742	.000729	.0001534
%RSD	48.75953	6.003144	.1892953

#1	-.001049	-.011636	.0811957
#2	-.002378	-.012975	.0808937
#3	-.001141	-.011808	.0810922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.579	1668.957	47009.63	10600.38	2688.913
Stddev	10.758	3.373	279.01	73.33	1.997
%RSD	.7452612	.2021019	.5935191	.6917881	.0742494

#1	1431.326	1666.402	46723.91	10568.40	2690.063
#2	1447.931	1672.780	47023.59	10548.48	2690.067
#3	1451.479	1667.689	47281.41	10684.28	2686.607

Sample Name: L2987-04 Acquired: 06/19/2020 14:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472181	.0430692	.0227994	.0491152	.1020546	2.078554	2.195974
Stddev	.0087990	.0045013	.0013478	.0021174	.0044367	.003919	.002945
%RSD	18.63486	10.45130	5.911586	4.311180	4.347350	.1885531	.1341081

#1	.0532427	.0476624	.0224442	.0502532	.0982296	2.083080	2.195956
#2	.0371205	.0386658	.0242893	.0504202	.1069185	2.076263	2.198927
#3	.0512911	.0428795	.0216648	.0466720	.1010157	2.076320	2.193038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559766	.0538763	14.13994	.2266154	.5260479	.2294939	1.128057
Stddev	.0005002	.0001254	.06739	.0005884	.0002005	.0041038	.007796
%RSD	.8935657	.2328377	.4766123	.2596514	.0381219	1.788209	.6910624

#1	.0556799	.0537324	14.11908	.2267444	.5258328	.2273797	1.134946
#2	.0565541	.0539335	14.21529	.2271287	.5262298	.2342237	1.129630
#3	.0556958	.0539629	14.08544	.2259732	.5260811	.2268782	1.119595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5537422	5.596845	.5402252	.0529567	34.60812	.5448413	.6983487
Stddev	.0006509	.023538	.0020743	.0002971	.37645	.0050161	.0130725
%RSD	.1175529	.4205634	.3839719	.5610794	1.087760	.9206584	1.871920

#1	.5539216	5.591012	.5424444	.0527093	34.28998	.5459994	.6973585
#2	.5542846	5.622752	.5398962	.0532863	35.02372	.5491770	.6857994
#3	.5530203	5.576773	.5383351	.0528746	34.51066	.5393473	.7118881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222343	.0009837	.0443547	-.001070	6.498319	4.447048	-.008051
Stddev	.045819	.0024719	.0010251	.000260	.014461	.044140	.001201
%RSD	20.60746	251.2762	2.311119	24.33291	.2225321	.9925717	14.91760

#1	-.242758	-.000972	.0440410	-.000803	6.490237	4.423169	-.008419
#2	-.254406	.003762	.0454999	-.001323	6.489706	4.497984	-.006709
#3	-.169864	.000162	.0435231	-.001083	6.515014	4.419991	-.009026

Sample Name: L2987-04 Acquired: 06/19/2020 14:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002520	-.010496	.0824046
Stddev	.001611	.000510	.0001053
%RSD	63.92104	4.862455	.1277534

#1	-.002032	-.011060	.0822934
#2	-.004318	-.010364	.0824177
#3	-.001209	-.010065	.0825027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.686	1658.953	46509.65	10528.30	2671.042
Stddev	10.241	5.576	201.36	55.35	5.405
%RSD	.7213476	.3361402	.4329448	.5256909	.2023397

#1	1428.810	1656.966	46722.86	10558.75	2667.545
#2	1421.638	1665.251	46483.39	10464.41	2677.267
#3	1408.610	1654.643	46322.71	10561.73	2668.314

Sample Name: L2987-02LX5 Acquired: 06/19/2020 14:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022261	-.000253	.0005481	-.004125	.0014477	.0195663	.0037117
Stddev	.0058732	.005700	.0008542	.001715	.0018260	.0087228	.0004423
%RSD	263.8286	2256.196	155.8634	41.58400	126.1315	44.58079	11.91762

#1	.0006076	-.006367	.0010325	-.003058	.0035389	.0295480	.0042178
#2	-.002668	.000695	-.000438	-.006103	.0001694	.0134088	.0035186
#3	.008739	.004914	.001050	-.003213	.0006347	.0157421	.0033987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000081	2.780898	-.001675	.0001472	-.002126	-.004458
Stddev	.000020	.000071	.028376	.000660	.0001413	.001899	.004127
%RSD	106.1602	87.77628	1.020373	39.40575	95.97490	89.29727	92.55847

#1	-.000009	-.000152	2.806164	-.002429	.0002680	-.002187	-.004202
#2	-.000005	-.000009	2.750199	-.001392	-.000008	-.000198	-.000466
#3	-.000042	-.000084	2.786332	-.001203	.000182	-.003994	-.008707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017206	1.105022	.0008384	-.000087	6.694545	-.000189	.0112542
Stddev	.0003979	.005999	.0003335	.000076	.164991	.002918	.0036424
%RSD	23.12735	.5429121	39.77168	87.19191	2.464566	1546.251	32.36458

#1	.0021726	1.110523	.0009721	-.000041	6.698873	.002502	.0146410
#2	.0014229	1.105917	.0004589	-.000045	6.527432	-.003291	.0074012
#3	.0015664	1.098625	.0010843	-.000174	6.857330	.000223	.0117204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146294	.0010564	-.008009	-.000753	1.255401	.8799992	-.004525
Stddev	.069326	.0056374	.000367	.000084	.008626	.0082925	.000644
%RSD	47.38822	533.6630	4.578230	11.13949	.6870759	.9423261	14.22386

#1	-.073918	.0021077	-.007877	-.000657	1.261580	.8895705	-.005017
#2	-.212103	-.005033	-.008424	-.000814	1.245547	.8749723	-.004761
#3	-.152861	.006094	-.007727	-.000787	1.259078	.8754549	-.003797

Sample Name: L2987-02LX5 Acquired: 06/19/2020 14:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFT70L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000922	-.005446	.0162791
Stddev	.000762	.001216	.0000246
%RSD	82.58537	22.32476	.1508490

#1	-.001723	-.004435	.0163074
#2	-.000837	-.005108	.0162649
#3	-.000207	-.006795	.0162649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.796	1635.065	45950.30	10363.32	2657.610
Stddev	16.266	3.020	218.17	85.34	3.067
%RSD	1.164504	.1846778	.4748061	.8234490	.1154012

#1	1378.864	1631.957	45698.79	10282.00	2654.147
#2	1410.600	1635.251	46088.68	10452.17	2658.701
#3	1400.925	1637.988	46063.43	10355.80	2659.983

Sample Name: PB129593BL Acquired: 06/19/2020 14:19:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066651	.0013850	-.000569	-.006222	.0005836	-.004524	-.001843
Stddev	.0062730	.0020696	.001170	.003311	.0015794	.001931	.000499
%RSD	94.11632	149.4343	205.7194	53.20473	270.6468	42.68895	27.06891

#1	.0085257	.0010144	.000729	-.004728	-.000897	-.006619	-.002193
#2	.0117973	.0036148	-.001543	-.003922	.002246	-.002816	-.002064
#3	-.000328	-.000474	-.000893	-.010017	.000402	-.004136	-.001271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000452	-.000053	.0011267	-.001193	-.000305	-.001973	-.010201
Stddev	.0000756	.000029	.0043228	.000290	.000182	.001147	.003108
%RSD	167.1925	55.57958	383.6781	24.33718	59.85781	58.13493	30.47076

#1	-.000006	-.000024	-.000581	-.001467	-.000304	-.000681	-.006862
#2	.000132	-.000052	.006043	-.000889	-.000123	-.002365	-.010730
#3	.000009	-.000083	-.002081	-.001224	-.000488	-.002872	-.013012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.006079	.0000913	-.000298	-.051650	.0016552	-.005928
Stddev	.000139	.011083	.0003851	.000401	.170581	.0014092	.002166
%RSD	624.2618	182.3245	421.5887	134.3743	330.2643	85.14304	36.53701

#1	.000002	-.018861	-.000093	.000110	-.162440	.0008068	-.008137
#2	.000103	.000846	.000534	-.000691	.144785	.0032819	-.005837
#3	-.000172	-.000221	-.000167	-.000314	-.137295	.0008768	-.003809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840790	-.000956	-.017953	-.000436	-.002857	-.002127	-.004242
Stddev	.1338313	.003670	.000424	.000101	.006165	.001108	.002069
%RSD	159.1734	383.7740	2.359549	23.06753	215.7449	52.07747	48.78495

#1	-.063289	.000390	-.018185	-.000472	.000261	-.003244	-.001870
#2	.198048	-.005109	-.018211	-.000322	-.009958	-.001029	-.005680
#3	.117478	.001850	-.017464	-.000513	.001125	-.002109	-.005176

Sample Name: PB129593BL Acquired: 06/19/2020 14:19:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW593 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000689	-.008306	-.000086
Stddev	.001369	.001689	.000025
%RSD	198.6474	20.33609	29.15468

#1	.000409	-.010250	-.000077
#2	-.000254	-.007463	-.000067
#3	-.002223	-.007204	-.000115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.538	1649.900	46436.40	10315.99	2680.236
Stddev	10.043	2.950	130.16	61.41	3.991
%RSD	.7094950	.1788148	.2803063	.5952869	.1489018

#1	1426.052	1648.940	46582.15	10296.63	2680.227
#2	1406.044	1647.549	46331.74	10266.60	2676.250
#3	1414.518	1653.210	46395.31	10384.75	2684.232

Sample Name: L2981-01 Acquired: 06/19/2020 14:27:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042360	.0021725	.0042130	-.003548	.0015224	.6149138	.0214178
Stddev	.0088775	.0013458	.0023681	.002753	.0023414	.0062353	.0005734
%RSD	209.5703	61.94815	56.20889	77.58517	153.7975	1.014006	2.677021

#1	.0039787	.0030910	.0020043	-.001007	.0036327	.6199475	.0208918
#2	.0132394	.0006277	.0067135	-.003165	.0019308	.6168552	.0220290
#3	-.004510	.0027988	.0039213	-.006473	-.000996	.6079389	.0213327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002060	-.000007	10.25009	.0047168	.0030973	.0021138	.6448757
Stddev	.0000212	.000072	.04613	.0002991	.0000497	.0008414	.0110545
%RSD	10.28975	1034.513	.4500042	6.341804	1.604708	39.80626	1.714211

#1	.0002163	.000076	10.19727	.0048380	.0031031	.0024775	.6364522
#2	.0001817	-.000052	10.28240	.0043761	.0030449	.0027120	.6573932
#3	.0002201	-.000045	10.27061	.0049364	.0031438	.0011517	.6407816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831341	3.149922	.0084674	-.000301	15.80749	.0043516	.0561746
Stddev	.0005410	.010468	.0002623	.000018	.14895	.0011882	.0015556
%RSD	.6507041	.3323183	3.098105	5.952852	.9422597	27.30555	2.769259

#1	.0825634	3.161010	.0087048	-.000283	15.93740	.0046802	.0568566
#2	.0831995	3.148547	.0085118	-.000301	15.64493	.0030336	.0543945
#3	.0836394	3.140210	.0081858	-.000319	15.84016	.0053409	.0572727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.376192	.0191440	-.009676	-.001041	1.483937	4.910877	-.006442
Stddev	.033064	.0045648	.000519	.000136	.009303	.008318	.001346
%RSD	2.402544	23.84472	5.360212	13.02118	.6269298	.1693775	20.90165

#1	1.347313	.0139418	-.009523	-.001104	1.473331	4.916669	-.005363
#2	1.369004	.0210097	-.009251	-.000886	1.490721	4.901345	-.007951
#3	1.412258	.0224803	-.010254	-.001134	1.487757	4.914617	-.006011

Sample Name: L2981-01 Acquired: 06/19/2020 14:27:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0112167	-.008911	.0708928
Stddev	.0008673	.002275	.0001116
%RSD	7.732417	25.52654	.1573905

#1	.0120971	-.011367	.0708110
#2	.0103631	-.006876	.0710199
#3	.0111900	-.008489	.0708476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.222	1677.670	47176.30	10461.35	2710.924
Stddev	2.749	1.855	158.50	29.82	.907
%RSD	.1908498	.1105951	.3359805	.2850173	.0334576

#1	1437.088	1678.969	47049.44	10431.83	2711.763
#2	1442.225	1678.496	47353.98	10491.45	2711.049
#3	1441.353	1675.545	47125.47	10460.78	2709.962

Sample Name: L2981-02 Acquired: 06/19/2020 14:31:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100603	-.002201	.0021303	-.005009	-.000527	.0943820	.0334953
Stddev	.0076533	.003154	.0018103	.004828	.001667	.0039813	.0004460
%RSD	76.07440	143.3178	84.98049	96.38252	316.3898	4.218230	1.331654

#1	.0012280	-.001665	.0007605	-.000589	.000748	.0900838	.0330642
#2	.0147326	.000651	.0041827	-.010160	.000084	.0951188	.0339549
#3	.0142204	-.005589	.0014477	-.004277	-.002413	.0979433	.0334667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001235	-.000093	33.12213	.0001965	-.000434	-.003666	-.007212
Stddev	.0000531	.000126	.04167	.0000415	.000134	.001649	.002341
%RSD	42.97348	135.9737	.1257926	21.09575	30.92561	44.98542	32.46047

#1	.0001110	.000018	33.15422	.0001942	-.000339	-.001791	-.004526
#2	.0000779	-.000066	33.07504	.0002391	-.000588	-.004313	-.008817
#3	.0001818	-.000230	33.13712	.0001563	-.000376	-.004893	-.008295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103429	2.817028	.0017724	.0000682	42.85234	.0063155	.0741181
Stddev	.0001266	.024506	.0004747	.0000854	.46558	.0005692	.0036942
%RSD	1.223679	.8699392	26.78395	125.0957	1.086467	9.012111	4.984162

#1	.0102666	2.835484	.0021760	.0001624	43.38527	.0067205	.0767149
#2	.0102731	2.789223	.0012494	-.000004	42.64713	.0065611	.0698889
#3	.0104890	2.826377	.0018918	.000046	42.52462	.0056647	.0757504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890894	.0059089	.0383873	.0025241	6.011606	6.103299	-.006492
Stddev	.037463	.0009346	.0010409	.0000076	.010845	.082417	.001141
%RSD	.7659791	15.81625	2.711697	.3031288	.1804031	1.350364	17.56955

#1	4.908599	.0069874	.0383523	.0025195	6.011996	6.053327	-.006964
#2	4.916224	.0053354	.0373642	.0025330	6.000571	6.058146	-.007321
#3	4.847860	.0054040	.0394453	.0025199	6.022251	6.198425	-.005192

Sample Name: L2981-02 Acquired: 06/19/2020 14:31:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000824	-.008066	1.049806
Stddev	.000764	.000916	.000568
%RSD	92.68180	11.35447	.0541362

#1	-.001289	-.007805	1.050416
#2	-.001240	-.009083	1.049292
#3	.000057	-.007308	1.049709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.423	1652.159	46373.31	10471.93	2650.708
Stddev	9.644	3.563	136.30	69.92	5.868
%RSD	.6799328	.2156450	.2939106	.6676507	.2213767

#1	1424.540	1652.952	46442.54	10543.28	2651.634
#2	1407.306	1648.266	46216.29	10468.96	2644.431
#3	1423.424	1655.258	46461.10	10403.54	2656.057

Sample Name: L2981-03 Acquired: 06/19/2020 14:35:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118596	.0009202	.0004633	-.005766	.0016337	.8798270	.2299317
Stddev	.0110927	.0037190	.0003435	.003801	.0012555	.0099245	.0004902
%RSD	93.53320	404.1470	74.13279	65.92487	76.85469	1.128009	.2131910

#1	.0238587	-.001959	.0002193	-.004485	.0005898	.8692486	.2296980
#2	.0019789	.005119	.0008560	-.002771	.0030269	.8812993	.2296022
#3	.0097412	-.000400	.0003146	-.010043	.0012843	.8889332	.2304951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001110	-.000012	218.7468	.0032058	-.001075	-.004214	-.042136
Stddev	.0000938	.000061	.1671	.0002139	.000177	.001251	.001637
%RSD	84.43979	492.1402	.0763716	6.671184	16.43097	29.69763	3.884455

#1	.0000472	.000002	218.8777	.0030716	-.000947	-.003551	-.040261
#2	.0000673	-.000079	218.5587	.0030934	-.001002	-.005657	-.043276
#3	.0002187	.000040	218.8041	.0034524	-.001276	-.003433	-.042873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016607	.5676757	.0004007	-.000436	35.29156	.0097625	.1137921
Stddev	.0004912	.0151155	.0005210	.000276	.10385	.0012732	.0031192
%RSD	29.57709	2.662696	130.0203	63.25958	.2942491	13.04215	2.741179

#1	.0010955	.5845757	.0003551	-.000576	35.19019	.0087733	.1152340
#2	.0019846	.5630031	-.000096	-.000118	35.39771	.0093152	.1159295
#3	.0019019	.5554482	.000943	-.000613	35.28677	.0111990	.1102127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88236	.0011536	-.004705	.0029505	1.321357	2.393026	-.010671
Stddev	.01306	.0027634	.000442	.0003859	.005023	.008839	.001509
%RSD	.0691448	239.5545	9.397107	13.08040	.3801223	.3693549	14.14214

#1	18.87663	.0001976	-.004713	.0031929	1.319357	2.385260	-.011530
#2	18.89731	-.001005	-.005143	.0031533	1.317642	2.391174	-.008928
#3	18.87315	.004268	-.004259	.0025055	1.327071	2.402644	-.011553

Sample Name: L2981-03 Acquired: 06/19/2020 14:35:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002965	.0147330	7.882530
Stddev	.002263	.0004744	.007339
%RSD	76.31412	3.219966	.0931044

#1	-.005576	.0151551	7.878011
#2	-.001565	.0148243	7.890998
#3	-.001754	.0142196	7.878580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.956	1602.822	45250.66	10379.10	2524.509
Stddev	2.026	3.360	79.58	24.98	3.965
%RSD	.1476842	.2096331	.1758553	.2407022	.1570600

#1	1373.382	1606.695	45327.81	10399.23	2529.085
#2	1372.850	1601.089	45168.87	10386.94	2522.104
#3	1369.637	1600.683	45255.31	10351.14	2522.338

Sample Name: L2981-05 Acquired: 06/19/2020 14:40:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043982	.0054645	-.001272	-.006152	.0011253	.8741566	.2299695
Stddev	.0022183	.0026755	.001691	.005292	.0017616	.0045085	.0015961
%RSD	50.43662	48.96189	132.8790	86.00831	156.5521	.5157501	.6940345

#1	.0035886	.0058217	.000654	-.004902	.0028971	.8786940	.2313020
#2	.0026984	.0079434	-.001960	-.001598	-.000626	.8696777	.2282006
#3	.0069076	.0026283	-.002511	-.011957	.001105	.8740982	.2304059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000768	-.000027	219.2130	.0030514	-.001526	-.005251	-.048633
Stddev	.0000326	.000058	.4238	.0001313	.000228	.000661	.006789
%RSD	42.51966	215.9948	.1933391	4.304455	14.96312	12.58165	13.95995

#1	.0000901	.000006	219.5864	.0032006	-.001264	-.005944	-.053316
#2	.0001006	.000007	218.7524	.0029534	-.001686	-.005182	-.051736
#3	.0000396	-.000094	219.3003	.0030000	-.001627	-.004628	-.040847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017869	.5640789	.0003381	-.000258	35.43572	.0104478	.1093277
Stddev	.0000751	.0163046	.0001406	.000160	.28804	.0027517	.0043891
%RSD	4.201931	2.890483	41.58683	61.85801	.8128482	26.33767	4.014587

#1	.0017325	.5532611	.0001764	-.000076	35.19497	.0092739	.1064698
#2	.0018726	.5828321	.0004060	-.000323	35.35734	.0135918	.1143813
#3	.0017557	.5561434	.0004318	-.000375	35.75483	.0084778	.1071320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.79793	.0070630	-.006211	.0031967	1.322544	2.417659	-.010082
Stddev	.04700	.0022741	.000433	.0003867	.011308	.016044	.000063
%RSD	.2500513	32.19740	6.977230	12.09788	.8549980	.6636357	.6206488

#1	18.75821	.0080154	-.005991	.0027543	1.335103	2.429080	-.010151
#2	18.78576	.0087061	-.006710	.0033651	1.319355	2.424582	-.010066
#3	18.84982	.0044676	-.005932	.0034707	1.313172	2.399315	-.010029

Sample Name: L2981-05 Acquired: 06/19/2020 14:40:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003956	.0157051	7.866906
Stddev	.001209	.0015661	.054440
%RSD	30.55836	9.972154	.6920096

#1	-.003522	.0148103	7.925077
#2	-.003024	.0147915	7.858453
#3	-.005322	.0175135	7.817187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.563	1601.604	44930.13	10344.00	2520.206
Stddev	6.463	2.456	221.05	8.64	3.784
%RSD	.4785543	.1533632	.4919851	.0835481	.1501541

#1	1348.954	1604.315	44846.79	10334.94	2522.537
#2	1345.056	1600.969	44762.87	10352.15	2522.242
#3	1357.679	1599.528	45180.74	10344.92	2515.840

Sample Name: L2981-06 Acquired: 06/19/2020 14:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463676	.0479487	.0202389	.0549881	.1017517	2.844405	2.421473
Stddev	.0091496	.0026181	.0003723	.0024248	.0008711	.027432	.005293
%RSD	19.73272	5.460190	1.839585	4.409764	.8560666	.9644325	.2185793

#1	.0474359	.0449956	.0201105	.0544051	.1022909	2.814031	2.427480
#2	.0367307	.0488654	.0199477	.0576513	.1022174	2.851807	2.417496
#3	.0549361	.0499853	.0206584	.0529079	.1007468	2.867377	2.419442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562603	.0539786	217.3629	.2255516	.5287790	.2286307	1.104911
Stddev	.0001806	.0000220	.9271	.0001874	.0004976	.0022782	.002288
%RSD	.3210385	.0408114	.4265184	.0830811	.0940933	.9964443	.2071027

#1	.0563987	.0539532	218.4323	.2257549	.5283230	.2311242	1.105774
#2	.0560560	.0539915	216.8700	.2255140	.5287044	.2281099	1.102317
#3	.0563262	.0539911	216.7863	.2253858	.5293096	.2266580	1.106643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5505366	.5278651	.5403976	.0538433	35.14616	.5646777	.6764132
Stddev	.0045702	.0304448	.0007522	.0004708	.34171	.0042223	.0067794
%RSD	.8301435	5.767533	.1391910	.8744496	.9722460	.7477334	1.002252

#1	.5558138	.5448034	.5408829	.0537897	35.52897	.5691642	.6816178
#2	.5478768	.5460738	.5407788	.0543386	35.03757	.5607818	.6788748
#3	.5479192	.4927182	.5395311	.0534015	34.87194	.5640870	.6687469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.70191	.0056346	-.008349	.0033166	1.317539	2.428533	-.010570
Stddev	.07811	.0046946	.000595	.0003791	.006596	.014120	.002631
%RSD	.4176421	83.31822	7.123985	11.43000	.5006079	.5814121	24.88959

#1	18.77064	.0108238	-.008768	.0030793	1.315544	2.434567	-.009481
#2	18.61697	.0016821	-.007669	.0031167	1.324902	2.412399	-.013570
#3	18.71811	.0043979	-.008612	.0037538	1.312172	2.438633	-.008658

Sample Name: L2981-06 Acquired: 06/19/2020 14:44:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004036	.0149323	7.810494
Stddev	.001374	.0020811	.023068
%RSD	34.04643	13.93665	.2953413

#1	-.002933	.0151802	7.816931
#2	-.003600	.0127384	7.829660
#3	-.005576	.0168783	7.784892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.685	1598.099	45049.49	10315.47	2512.867
Stddev	3.901	2.542	66.58	36.07	2.303
%RSD	.2866794	.1590504	.1477966	.3496972	.0916411

#1	1356.929	1599.504	45043.77	10277.44	2515.514
#2	1364.716	1599.627	45118.75	10349.20	2511.321
#3	1360.408	1595.164	44985.96	10319.77	2511.766

Sample Name: L2981-03LX5 Acquired: 06/19/2020 14:48:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSY6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024318	.0005664	-.000176	-.003557	-.000142	.1740092	.0439481
Stddev	.0036838	.0062852	.000743	.001144	.000857	.0105547	.0002781
%RSD	151.4859	1109.704	421.6922	32.16281	605.2672	6.065618	.6327143

#1	-.001819	.0078237	.000659	-.003501	.000184	.1851416	.0442513
#2	.004432	-.003114	-.000764	-.004728	-.001114	.1727387	.0437049
#3	.004683	-.003010	-.000424	-.002442	.000505	.1641471	.0438881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000113	-.000115	42.34570	.0000854	-.001433	-.000906	-.022240
Stddev	.0000666	.000057	.16571	.0004772	.000219	.001475	.004574
%RSD	589.0221	49.66950	.3913346	559.0645	15.28062	162.8481	20.56775

#1	.0000882	-.000148	42.18538	.0002739	-.001664	.000283	-.026894
#2	-.000025	-.000149	42.51633	-.000457	-.001406	-.000443	-.022076
#3	-.000029	-.000049	42.33538	.000439	-.001228	-.002556	-.017750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000062	.1140139	-.000196	-.000122	6.761557	.0014372	.0186364
Stddev	.0003922	.0055031	.000354	.000398	.246085	.0015810	.0015804
%RSD	6281.783	4.826696	180.1200	325.1436	3.639466	110.0019	8.480202

#1	-.000378	.1201119	.000191	-.000169	6.479243	.0004959	.0204472
#2	.000406	.1094173	-.000502	-.000495	6.874758	.0032625	.0179273
#3	-.000010	.1125125	-.000279	.000297	6.930671	.0005533	.0175348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.568838	.0002124	-.016398	-.000225	.2322553	.4637850	-.006300
Stddev	.099144	.0023081	.000778	.000323	.0096002	.0070840	.001948
%RSD	2.778042	1086.941	4.746769	143.6333	4.133479	1.527437	30.92214

#1	3.489244	.0019790	-.017122	-.000575	.2344507	.4588997	-.005321
#2	3.679896	.0010572	-.015574	-.000161	.2217475	.4719096	-.008543
#3	3.537375	-.002399	-.016497	.000061	.2405677	.4605459	-.005035

Sample Name: L2981-03LX5 Acquired: 06/19/2020 14:48:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSY6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001433	-.000745	1.501421
Stddev	.001366	.000300	.001619
%RSD	95.28963	40.24871	.1078335

#1	.000077	-.000404	1.499737
#2	-.002583	-.000865	1.501560
#3	-.001794	-.000967	1.502966

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.618	1618.069	45245.58	10300.78	2618.984
Stddev	4.264	2.829	212.93	48.45	4.838
%RSD	.3124870	.1748118	.4706000	.4703423	.1847138

#1	1359.931	1617.239	45270.69	10331.52	2616.201
#2	1365.653	1615.748	45444.84	10244.93	2616.181
#3	1368.269	1621.220	45021.22	10325.89	2624.570

Sample Name: L2981-04 Acquired: 06/19/2020 14:52:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034621	.0004788	-.001586	-.003032	-.001407	.0588465	-.000222
Stddev	.0023471	.0050584	.002035	.004843	.000877	.0037531	.000738
%RSD	67.79408	1056.529	128.3254	159.7575	62.31294	6.377832	331.9313

#1	.0056760	-.002105	.000746	-.002231	-.000974	.0625901	-.001059
#2	.0010013	.006307	-.002501	-.008225	-.002417	.0588653	.000333
#3	.0037092	-.002766	-.003002	.001361	-.000831	.0550840	.000060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	-.000155	.1821334	-.001112	.0000231	-.002134	-.025445
Stddev	.0000231	.000063	.0085022	.000575	.0004016	.002672	.002668
%RSD	29.67799	40.63449	4.668130	51.73991	1735.415	125.2371	10.48502

#1	.0000790	-.000093	.1917307	-.001776	-.000344	-.004651	-.028382
#2	.0001002	-.000219	.1791251	-.000788	.000452	.000670	-.024781
#3	.0000541	-.000155	.1755442	-.000771	-.000038	-.002419	-.023172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000417	.0533601	.0002253	-.000354	-.090891	.0021897	.2912546
Stddev	.000322	.0114950	.0003969	.000334	.207304	.0003700	.0035326
%RSD	77.21197	21.54238	176.1463	94.38453	228.0802	16.89488	1.212900

#1	-.000788	.0578486	-.000187	-.000147	-.280897	.0026095	.2917307
#2	-.000220	.0402980	.000604	-.000175	.130200	.0019112	.2945250
#3	-.000243	.0619336	.000259	-.000739	-.121976	.0020485	.2875080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.66072	.0044108	-.010013	-.000896	-.010444	-.001187	-.007065
Stddev	.02635	.0041639	.000630	.000214	.001593	.000347	.001064
%RSD	.9904471	94.40403	6.293432	23.91681	15.25268	29.25359	15.06034

#1	-2.64395	.0049551	-.010739	-.000826	-.009163	-.000811	-.006268
#2	-2.64713	.0000014	-.009609	-.000726	-.009941	-.001495	-.006655
#3	-2.69110	.0082757	-.009691	-.001137	-.012228	-.001256	-.008273

Sample Name: L2981-04 Acquired: 06/19/2020 14:52:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFT08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000581	-.013750	.0007571
Stddev	.002304	.000953	.0000213
%RSD	396.5148	6.928523	2.808433

#1	.001457	-.013815	.0007598
#2	-.003081	-.012766	.0007346
#3	-.000119	-.014668	.0007769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.172	1680.695	47159.01	10594.50	2713.376
Stddev	14.267	1.036	185.80	39.81	3.917
%RSD	.9941290	.0616350	.3939760	.3757878	.1443724

#1	1441.715	1681.298	47188.87	10639.32	2716.260
#2	1418.806	1681.288	46960.09	10580.92	2714.951
#3	1444.994	1679.499	47328.06	10563.25	2708.916

Sample Name: PB129504BS Acquired: 06/19/2020 14:56:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202634	.0538647	.0191811	.0685252	.1174152	.3790544
Stddev	.0024433	.0027377	.0004114	.0022093	.0013420	.0038175
%RSD	12.05767	5.082514	2.145013	3.224025	1.142945	1.007116

#1	.0218795	.0509300	.0195178	.0662667	.1169373	.3798386
#2	.0174526	.0563496	.0187225	.0706817	.1189307	.3749057
#3	.0214580	.0543145	.0193031	.0686273	.1163776	.3824190

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3437879	.0103883	.0099473	10.08826	.0208108	.0965507
Stddev	.0012048	.0000388	.0000747	.01794	.0002732	.0006766
%RSD	.3504511	.3738977	.7513332	.1777991	1.312542	.7007866

#1	.3451398	.0104211	.0099276	10.10738	.0207399	.0968525
#2	.3433964	.0103985	.0098843	10.07181	.0211124	.0957757
#3	.3428276	.0103454	.0100299	10.08559	.0205801	.0970239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424564	.2054910	.0330324	9.673681	.0817537	.0195538
Stddev	.0028835	.0036394	.0001127	.047066	.0001665	.0005155
%RSD	6.791753	1.771060	.3412924	.4865321	.2035959	2.636335

#1	.0449553	.2061739	.0330013	9.710540	.0815617	.0195376
#2	.0431125	.2015585	.0329385	9.620665	.0818560	.0200772
#3	.0393013	.2087405	.0331574	9.689837	.0818435	.0190465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.652434	.1067395	.1380506	9.708383	.0159846	F .0012210
Stddev	.186990	.0030395	.0044713	.074292	.0035617	.0003404
%RSD	1.937227	2.847587	3.238855	.7652313	22.28178	27.88267

#1	9.503068	.1052066	.1331828	9.792889	.0194637	.0009709
#2	9.592089	.1102402	.1419746	9.653348	.0161442	.0010833
#3	9.862145	.1047716	.1389944	9.678914	.0123458	.0016087

Sample Name: PB129504BS Acquired: 06/19/2020 14:56:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS504 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195816	.1615222	.2030061	F .0079302	.2020296	F .0905625
Stddev	.0000485	.0085516	.0002930	.0019484	.0003171	.0008234
%RSD	.2478702	5.294396	.1443529	24.56969	.1569368	.9092493

#1	.0195994	.1529126	.2030073	.0100855	.2016643	.0915116
#2	.0195267	.1700147	.2027125	.0074111	.2021911	.0901379
#3	.0196188	.1616393	.2032986	.0062938	.2022334	.0900381

Elem	Sr4077
Units	ppm
Avg	.1998014
Stddev	.0010186
%RSD	.5097793

#1	.2009679
#2	.1993482
#3	.1990882

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.181	1628.495	45698.05	10391.65	2637.801
Stddev	5.012	3.563	205.17	40.89	3.357
%RSD	.3621107	.2187819	.4489764	.3934514	.1272671

#1	1381.073	1629.043	45461.19	10347.52	2637.469
#2	1381.507	1624.690	45820.98	10428.25	2641.311
#3	1389.963	1631.752	45811.97	10399.19	2634.622

Sample Name: PB129593BS Acquired: 06/19/2020 15:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244739	.0527384	.0193067	.0735964	.1179196	.3869674
Stddev	.0052095	.0041948	.0013177	.0042162	.0022247	.0052537
%RSD	21.28581	7.953956	6.824933	5.728782	1.886607	1.357671

#1	.0259820	.0483686	.0179550	.0747572	.1160150	.3836102
#2	.0287630	.0531137	.0205875	.0689215	.1203647	.3842700
#3	.0186768	.0567329	.0193776	.0771106	.1173790	.3930219

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3457703	.0105353	.0102155	10.22584	.0210141	.0975297
Stddev	.0014908	.0001004	.0000725	.02508	.0003418	.0002398
%RSD	.4311519	.9532978	.7097815	.2452383	1.626357	.2458959

#1	.3474715	.0106417	.0101387	10.20377	.0210568	.0973764
#2	.3446920	.0104422	.0102249	10.22064	.0213325	.0978061
#3	.3451473	.0105221	.0102828	10.25311	.0206530	.0974067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436695	.2023965	.0331636	9.821160	.0839199	.0196598
Stddev	.0009411	.0108183	.0001794	.042563	.0000457	.0003986
%RSD	2.155022	5.345077	.5410588	.4333832	.0544911	2.027236

#1	.0444501	.1920545	.0329569	9.832325	.0839705	.0198538
#2	.0426245	.2014996	.0332541	9.857028	.0838815	.0199242
#3	.0439339	.2136352	.0332797	9.774127	.0839078	.0192013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.829392	.1086284	.1429090	9.913805	.0173295	F .0022853
Stddev	.206835	.0014101	.0032189	.057515	.0027912	.0004981
%RSD	2.104251	1.298093	2.252450	.5801527	16.10669	21.79733

#1	9.898090	.1095455	.1451891	9.979811	.0205525	.0017653
#2	9.993138	.1093350	.1443111	9.874446	.0157128	.0027583
#3	9.596950	.1070047	.1392268	9.887158	.0157232	.0023323

Sample Name: PB129593BS Acquired: 06/19/2020 15:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS593 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199521	.1645154	.2060044	F .0085465	.2060583	F .0911552
Stddev	.0003110	.0030798	.0011630	.0010596	.0009657	.0006310
%RSD	1.558542	1.872062	.5645408	12.39809	.4686540	.6921661
#1	.0196584	.1680428	.2065789	.0073299	.2052984	.0904791
#2	.0202778	.1623601	.2046659	.0090424	.2057315	.0917284
#3	.0199201	.1631432	.2067682	.0092672	.2071450	.0912580

Elem	Sr4077
Units	ppm
Avg	.2033696
Stddev	.0005460
%RSD	.2684537
#1	.2033479
#2	.2039261
#3	.2028349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.546	1632.507	45853.84	10433.27	2637.585
Stddev	5.279	1.820	55.50	25.91	7.251
%RSD	.3823714	.1114558	.1210341	.2483539	.2749278
#1	1377.999	1633.987	45917.46	10408.20	2645.884
#2	1386.615	1630.476	45828.71	10459.95	2634.401
#3	1377.023	1633.059	45815.35	10431.68	2632.470

Sample Name: L2987-02A Acquired: 06/19/2020 15:11:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFT70A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054942	.0024688	.0020891	.0021275	.0007658	.0483770	.0221006
Stddev	.0103194	.0008181	.0024668	.0039672	.0011940	.0097496	.0002897
%RSD	187.8237	33.13812	118.0805	186.4748	155.9068	20.15334	1.310917

#1	.0068633	.0034117	.0039321	-.001921	.0020743	.0435275	.0224114
#2	-.005441	.0019484	-.000713	.006008	-.000265	.0596004	.0218380
#3	.015061	.0020461	.003048	.002296	.000488	.0420031	.0220524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000992	-.000044	14.19325	-.000519	.0021243	-.001310	.0033932
Stddev	.0000326	.000091	.04268	.000217	.0003569	.002392	.0022280
%RSD	32.91477	209.4255	.3007240	41.71732	16.80281	182.5910	65.66038

#1	.0001298	-.000073	14.15502	-.000748	.0018733	-.002837	.0059659
#2	.0001029	.000059	14.18541	-.000493	.0025329	.001446	.0021236
#3	.0000648	-.000116	14.23930	-.000317	.0019666	-.002539	.0020903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106812	5.716148	.0048926	-.000368	35.29210	-.000764	.1756060
Stddev	.0000721	.021816	.0005444	.000347	.21448	.001290	.0051485
%RSD	.6752757	.3816486	11.12677	94.41820	.6077146	168.7972	2.931869

#1	.0106464	5.705175	.0043076	.000032	35.15526	.000725	.1697998
#2	.0106331	5.701998	.0053843	-.000548	35.18175	-.001543	.1774033
#3	.0107642	5.741272	.0049860	-.000589	35.53928	-.001474	.1796150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554234	.0030333	.0285325	-.000881	6.653725	4.500312	-.005638
Stddev	.0316764	.0020177	.0004236	.000420	.004756	.009334	.000803
%RSD	57.15343	66.51638	1.484588	47.64760	.0714773	.2074033	14.23824

#1	.0224839	.0052591	.0281637	-.001347	6.649404	4.499579	-.006467
#2	.0581223	.0025168	.0289951	-.000764	6.652950	4.491366	-.005581
#3	.0856640	.0013242	.0284385	-.000532	6.658820	4.509990	-.004865

Sample Name: L2987-02A Acquired: 06/19/2020 15:11:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFT70A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001391	-.012098	.0828227
Stddev	.001081	.000350	.0002476
%RSD	77.68438	2.894638	.2988949

#1	-.002639	-.011754	.0826339
#2	-.000790	-.012454	.0831030
#3	-.000745	-.012085	.0827313

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.358	1646.656	46436.92	10430.81	2655.605
Stddev	13.045	2.096	313.33	26.23	9.881
%RSD	.9256343	.1272750	.6747512	.2514193	.3720927

#1	1401.093	1648.918	46110.51	10458.70	2662.116
#2	1424.397	1646.270	46735.29	10427.07	2660.463
#3	1402.583	1644.780	46464.97	10406.65	2644.235

Sample Name: CCV025 Acquired: 06/19/2020 15:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.914741	4.993259	24.55161	4.947233	4.985109	403.1300	10.23181
Stddev	.021657	.014571	.06864	.026301	.015742	2.1647	.00856
%RSD	.4406510	.2918198	.2795684	.5316240	.3157727	.5369776	.0836706

#1	4.935721	4.987430	24.57331	4.962803	4.989982	403.9388	10.22673
#2	4.892466	4.982504	24.47475	4.916867	4.967507	400.6774	10.24170
#3	4.916037	5.009842	24.60679	4.962029	4.997838	404.7739	10.22701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4900045	2.460545	414.1953	15.14496	2.487179	15.19626	413.0360
Stddev	.0013218	.004592	.7942	.01312	.005465	.01378	1.1813
%RSD	.2697568	.1866351	.1917392	.0866235	.2197292	.0906624	.2860081

#1	.4905405	2.459353	413.3316	15.14333	2.488339	15.18350	411.7932
#2	.4884988	2.456666	414.3602	15.13274	2.481228	15.19441	413.1705
#3	.4909741	2.465615	414.8940	15.15882	2.491971	15.21087	414.1443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88336	413.8726	2.494846	1.278453	411.6544	2.519118	15.29187
Stddev	.03300	1.5564	.002411	.006566	1.6290	.004325	.01365
%RSD	.2217516	.3760613	.0966487	.5136095	.3957083	.1716672	.0892907

#1	14.84843	412.5566	2.494795	1.282524	410.0007	2.515429	15.30586
#2	14.88762	413.4707	2.492461	1.281956	413.2574	2.523877	15.29118
#3	14.91402	415.5906	2.497283	1.270878	411.7053	2.518047	15.27858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.2378	5.267005	5.151686	4.919582	5.174471	4.809063	5.016971
Stddev	.1109	.012690	.028611	.020982	.025881	.024324	.017946
%RSD	.0723445	.2409281	.5553682	.4265042	.5001659	.5057934	.3577022

#1	153.1131	5.256267	5.180894	4.920799	5.196873	4.825869	4.999178
#2	153.2752	5.263739	5.123712	4.898018	5.146140	4.781171	5.016667
#3	153.3251	5.281008	5.150451	4.939929	5.180400	4.820149	5.035066

Sample Name: CCV025 Acquired: 06/19/2020 15:15:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015166	5.100803	5.064331
Stddev	.017320	.005516	.037128
%RSD	.3453528	.1081444	.7331185

#1	5.025186	5.096565	5.049311
#2	4.995166	5.107040	5.106616
#3	5.025145	5.098804	5.037068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.789	1375.272	41625.07	10061.96	2072.559
Stddev	7.065	5.187	218.72	35.57	3.727
%RSD	.5927958	.3771567	.5254550	.3534628	.1798193

#1	1186.578	1373.932	41570.60	10027.36	2072.176
#2	1188.959	1380.998	41438.73	10098.42	2076.463
#3	1199.830	1370.887	41865.88	10060.09	2069.039

Sample Name: CCB025 Acquired: 06/19/2020 15:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005882	.0012129	-.001629	-.006201	-.000933	.0034436	-.001619
Stddev	.0036566	.0018558	.000671	.003029	.000806	.0073908	.000297
%RSD	621.6348	153.0120	41.18516	48.83948	86.43048	214.6265	18.35649

#1	-.001155	.0031990	-.002282	-.004843	-.001149	.0084272	-.001368
#2	-.001870	-.000477	-.000942	-.004090	-.000041	-.005048	-.001542
#3	.004790	.000917	-.001663	-.009671	-.001609	.006951	-.001947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000920	-.000027	-.011040	-.000802	-.000011	-.001460	-.000814
Stddev	.0000497	.000039	.009227	.000470	.000289	.000677	.003993
%RSD	54.00963	141.9400	83.58188	58.58792	2612.550	46.35217	490.6288

#1	.0001475	-.000036	-.016300	-.000402	.000168	-.002230	-.005043
#2	.0000518	.000015	-.000385	-.000685	-.000345	-.001191	-.000290
#3	.0000766	-.000061	-.016434	-.001319	.000143	-.000959	.002891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000192	.0035129	.0003528	.0001156	-.112536	.0020843	-.001003
Stddev	.000204	.0061324	.0003323	.0004012	.265952	.0037732	.003169
%RSD	106.2491	174.5683	94.20306	347.0094	236.3265	181.0309	316.0345

#1	-.000083	.0061899	.0007331	-.000034	-.283539	.0055032	-.002105
#2	-.000065	.0078517	.0002070	-.000190	.193871	-.001964	-.003474
#3	-.000427	-.003503	.0001182	.000570	-.247940	.002714	.002570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1681353	-.002242	-.007819	.0001143	-.009973	-.001457	-.003996
Stddev	.0695429	.001710	.000621	.0000840	.003039	.000241	.001168
%RSD	41.36127	76.27503	7.937590	73.49551	30.47062	16.54834	29.22648

#1	.2060817	-.002988	-.008045	.0001975	-.012264	-.001701	-.004459
#2	.0878737	-.000286	-.007117	.0000295	-.011130	-.001218	-.004861
#3	.2104505	-.003453	-.008294	.0001159	-.006526	-.001454	-.002667

Sample Name: CCB025 Acquired: 06/19/2020 15:19:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1198) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000429	-.002956	.0000199
Stddev	.000793	.001233	.0000539
%RSD	184.9306	41.69715	270.2135

#1	-.001279	-.001561	.0000624
#2	-.000298	-.003408	.0000381
#3	.000291	-.003899	-.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.066	1639.383	46166.53	10341.72	2662.268
Stddev	11.352	4.274	258.70	75.79	5.354
%RSD	.8131632	.2607033	.5603725	.7328310	.2011205

#1	1397.066	1635.699	46374.75	10323.90	2662.080
#2	1384.247	1644.069	45876.92	10276.42	2667.714
#3	1406.886	1638.382	46247.93	10424.83	2657.010