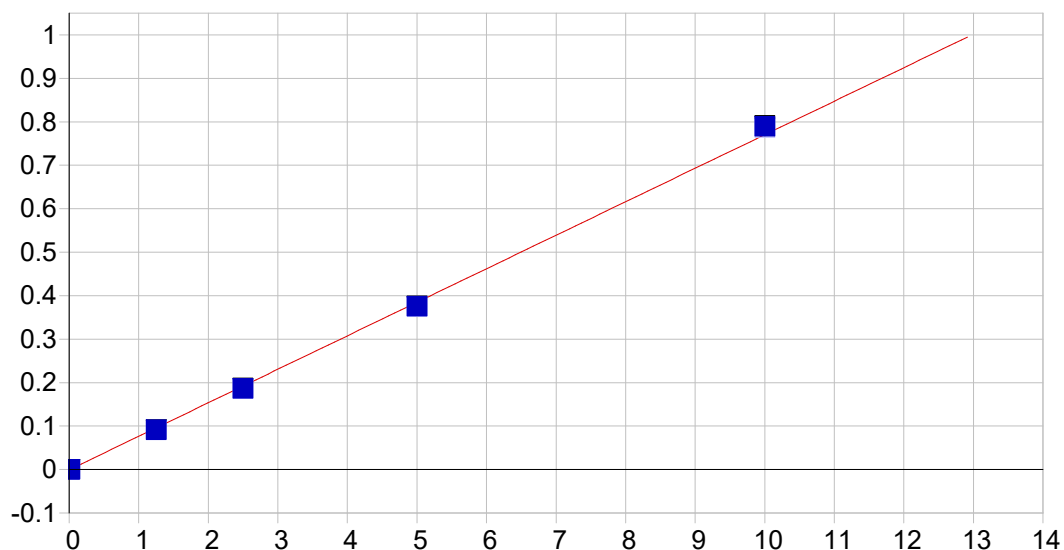


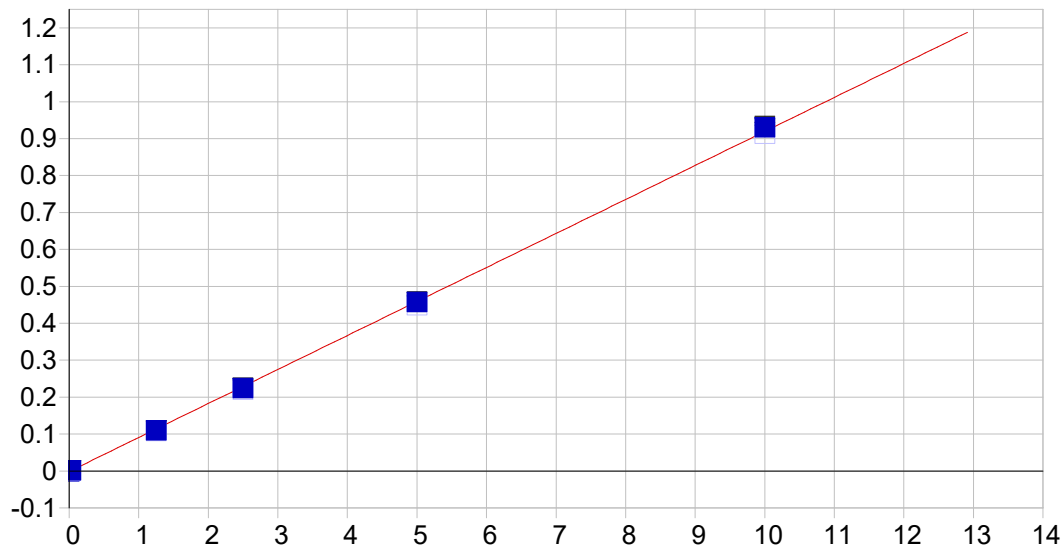


As 189.042 {479}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000612 Re-Slope: 1.000000
 A1 (Gain): 0.077089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002805
 Predicted MQL: 0.009351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00061	.000	1
S1	.01000	.01210	.002	21.0	.00032	.000	1
S2	1.2500	1.1921	-.058	-4.64	.09094	.000	1
S3	2.5000	2.4299	-.070	-2.80	.18602	.001	1
S4	5.0000	4.8762	-.124	-2.48	.37392	.001	1
S5	10.000	10.250	.250	2.50	.78677	.002	1

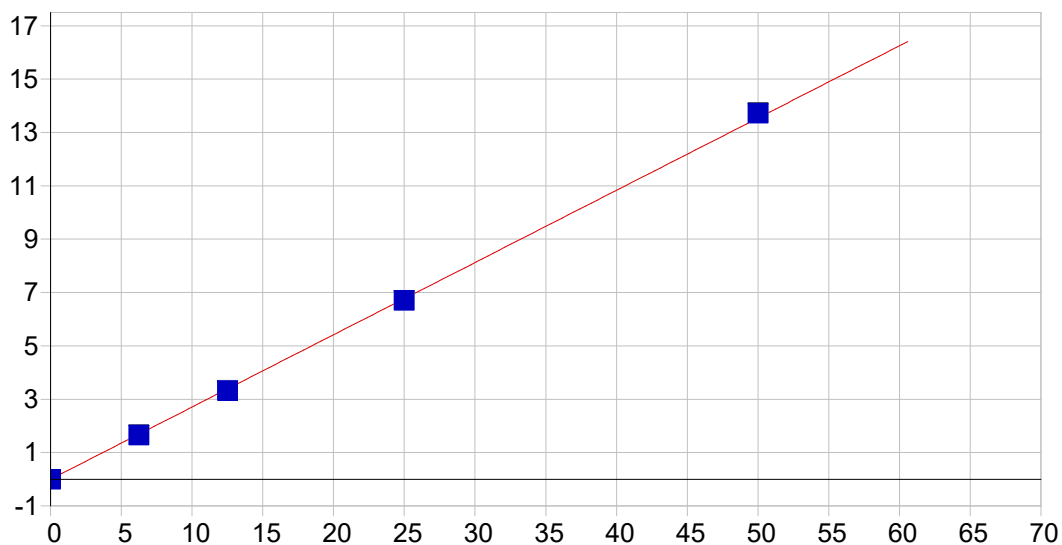


TI 190.856 {477}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001362 Re-Slope: 1.000000
 A1 (Gain): 0.092072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002694
 Predicted MQL: 0.008979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00136	.000	1
S1	.02500	.02580	.001	3.20	.00092	.000	1
S2	1.2500	1.2057	-.044	-3.54	.10753	.000	1
S3	2.5000	2.4486	-.051	-2.06	.21984	.001	1
S4	5.0000	4.9770	-.023	-.461	.44839	.001	1
S5	10.000	10.118	.118	1.18	.91325	.004	1

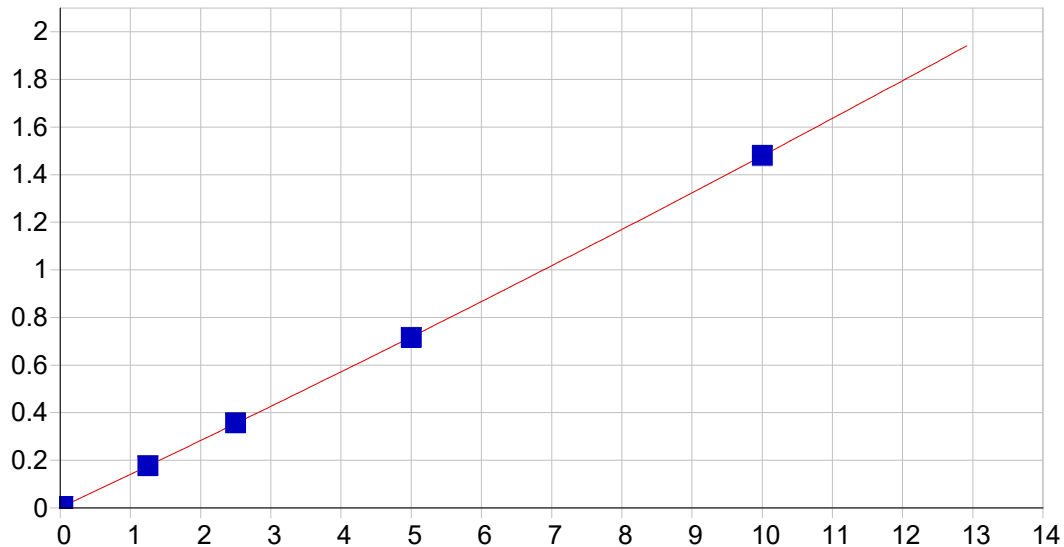


Pb 220.353 {453}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.270824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.002063
 Predicted MQL: 0.006878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.001	1
S1	.01000	.01108	.001	10.8	.00311	.000	1
S2	6.2500	6.1061	-.144	-2.30	1.6541	.002	1
S3	12.500	12.265	-.235	-1.88	3.3225	.004	1
S4	25.000	24.733	-.267	-1.07	6.6998	.007	1
S5	50.000	50.645	.645	1.29	13.719	.018	1

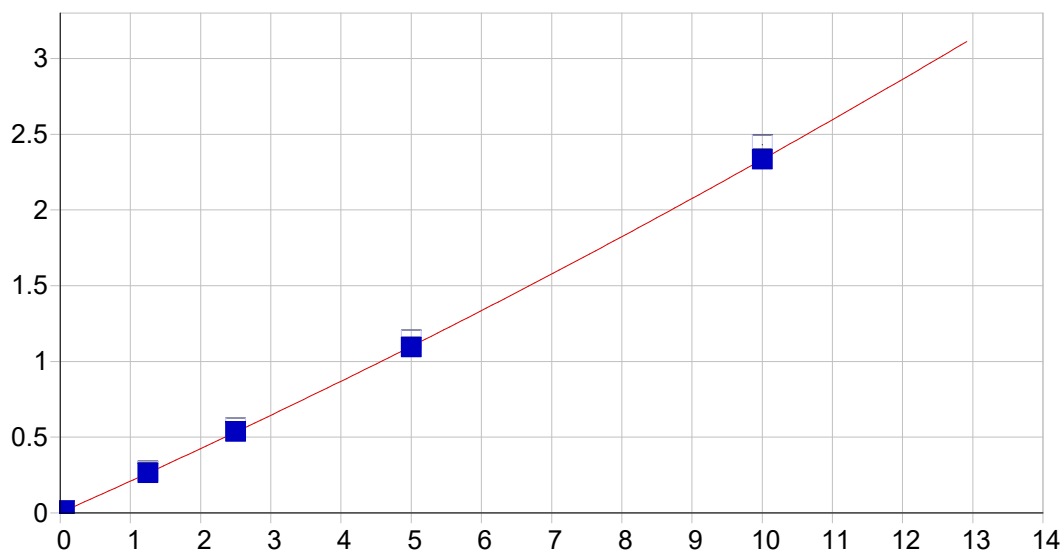


Se 196.090 {472}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001346	Re-Slope:	1.000000
A1 (Gain):	0.139105	Y-int:	0.000000
A2 (Curvature):	0.000865		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	Warning Positive Curvature
Std Error of Est:	0.000018		
Predicted MDL:	0.002097		
Predicted MQL:	0.006989		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00135	.000	1
S1	.03500	.03641	.001	4.02	.00641	.000	1
S2	1.2500	1.2486	-.001	-.109	.17593	.001	1
S3	2.5000	2.5141	.014	.564	.35562	.001	1
S4	5.0000	4.9791	-.021	-.418	.71357	.001	1
S5	10.000	10.007	.007	.068	1.4762	.002	1

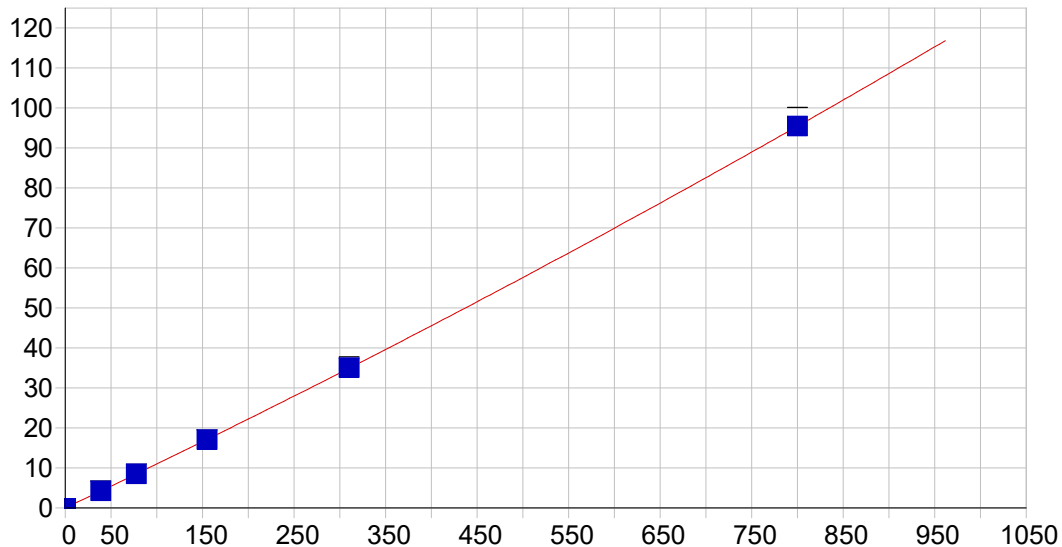


Sb 206.833 {463}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001021	Re-Slope:	1.000000
A1 (Gain):	0.206385	Y-int:	0.000000
A2 (Curvature):	0.002678		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	Warning Positive Curvature
Std Error of Est:	0.000060		
Predicted MDL:	0.001788		
Predicted MQL:	0.005960		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00102	.000	1
S1	.06000	.06503	.005	8.39	.01446	.000	1
S2	1.2500	1.2509	.001	.075	.27526	.001	1
S3	2.5000	2.5123	.012	.491	.56017	.001	1
S4	5.0000	4.9726	-.027	-.547	1.1410	.001	1
S5	10.000	10.010	.010	.095	2.4301	.001	1

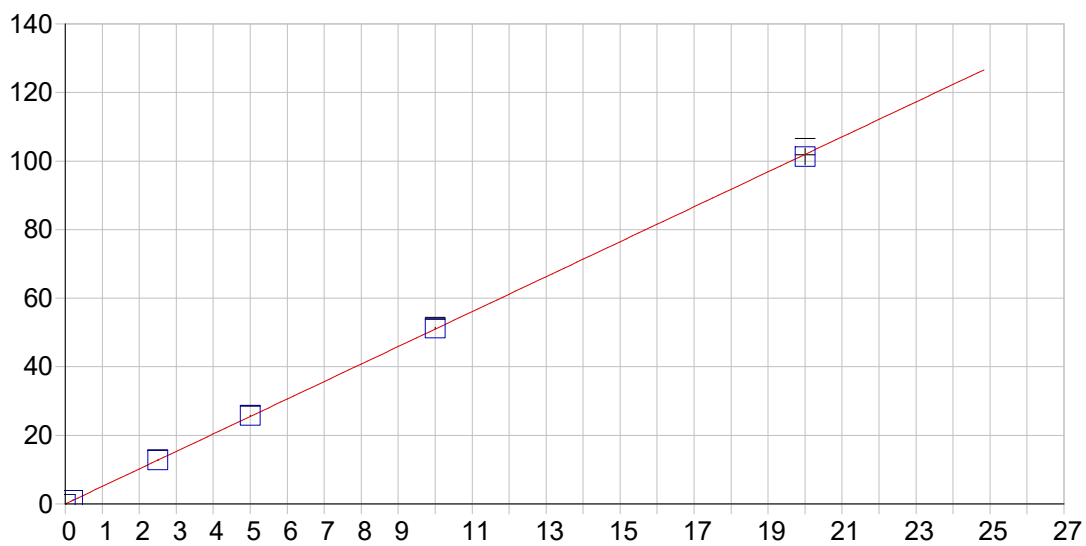


AI 396.152 { 85}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.008500	Re-Slope:	1.000000
A1 (Gain):	0.108395	Y-int:	0.000000
A2 (Curvature):	0.000014		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	Warning Positive Curvature
Std Error of Est:	0.000199		
Predicted MDL:	0.010995		
Predicted MQL:	0.036649		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00850	.001	1
S1	.20000	.20515	.005	2.57	.03111	.001	1
S2	38.750	38.806	.056	.144	4.2438	.005	1
S3	77.500	77.692	.192	.248	8.5290	.039	1
S4	155.00	154.06	-.945	-.610	17.065	.036	1
S5	310.00	310.84	.841	.271	35.088	.217	1
S6	800.00	799.85	-.152	-.019	95.493	2.22	1

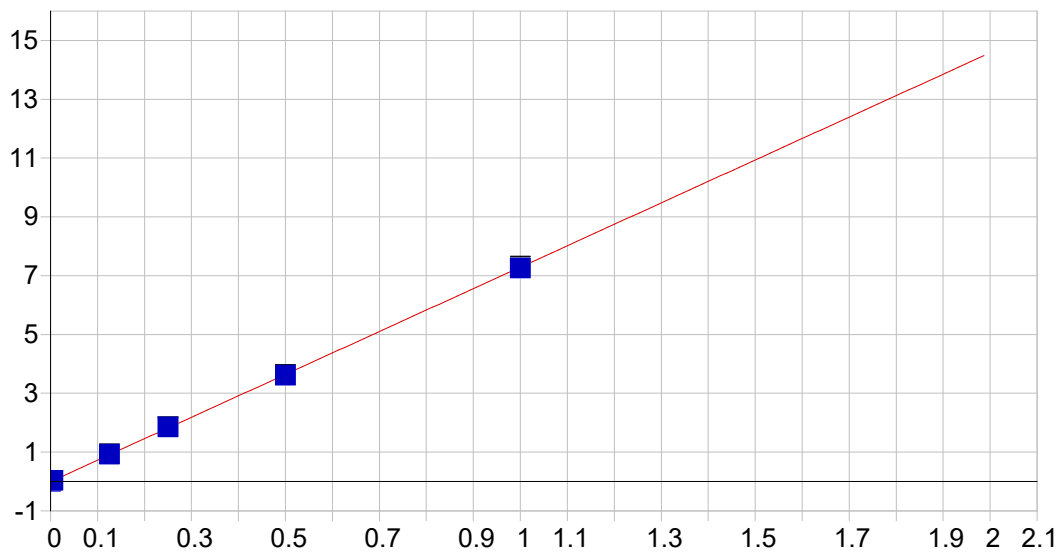


Ba 493.409 { 68}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007979 Re-Slope: 1.000000
 A1 (Gain): 5.097393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.004537
 Predicted MDL: 0.000538
 Predicted MQL: 0.001792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00790	.001	1
S1	.20000	.21301	.013	6.51	1.0938	.010	1
S2	2.5000	2.5051	.005	.205	12.778	.031	1
S3	5.0000	5.0579	.058	1.16	25.790	.091	1
S4	10.000	10.053	.053	.530	51.252	.258	1
S5	20.000	19.871	-.129	-.645	101.30	2.38	1

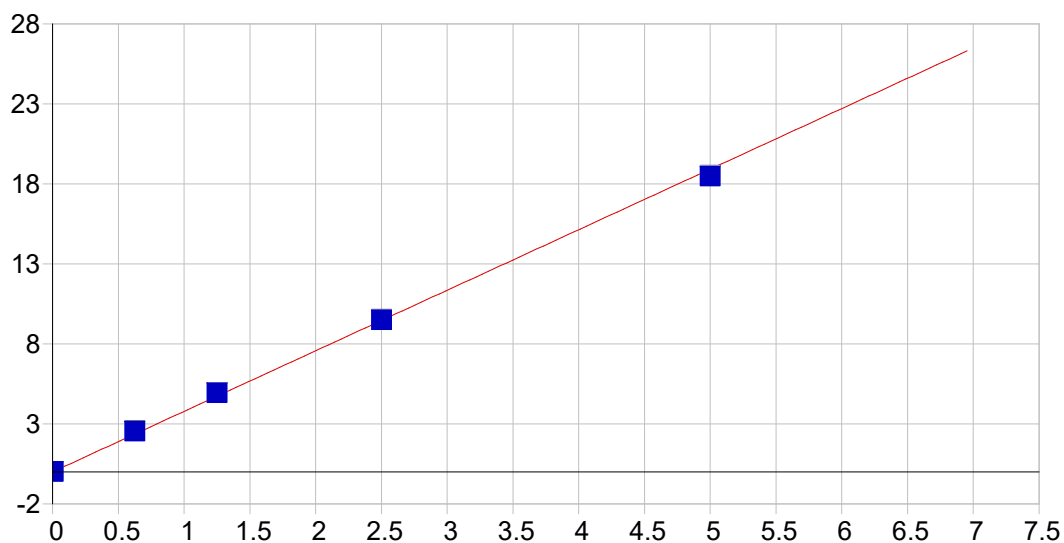


Be 234.861 {144}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003564 Re-Slope: 1.000000
 A1 (Gain): 7.292669 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000345
 Predicted MDL: 0.000070
 Predicted MQL: 0.000235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00357	.000	1
S1	.00500	.00552	.001	10.3	.03663	.001	1
S2	.12500	.12824	.003	2.59	.92861	.001	1
S3	.25000	.25504	.005	2.02	1.8503	.019	1
S4	.50000	.49541	-.005	-.918	3.5972	.030	1
S5	1.0000	.99579	-.004	-.421	7.2342	.065	1

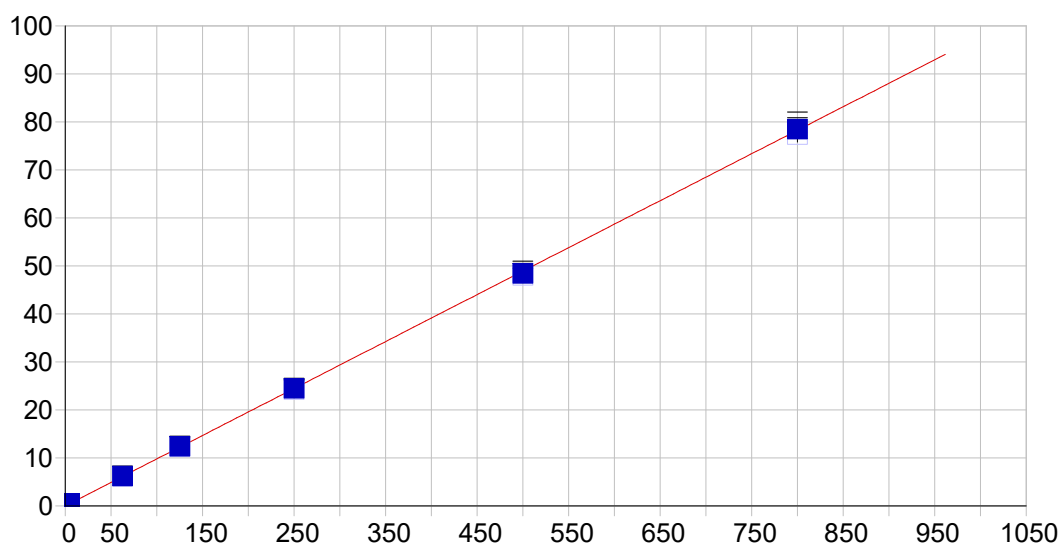


Cd 214.438 {457}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000541 Re-Slope: 1.000000
 A1 (Gain): 3.784821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999508 Status: OK.
 Std Error of Est: 0.000997
 Predicted MDL: 0.000107
 Predicted MQL: 0.000357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.00500	.00603	.001	20.5	.02228	.000	1
S2	.62500	.67328	.048	7.72	2.5513	.001	1
S3	1.2500	1.3071	.057	4.57	4.9540	.005	1
S4	2.5000	2.5093	.009	.373	9.5114	.021	1
S5	5.0000	4.8842	-.116	-2.32	18.514	.036	1

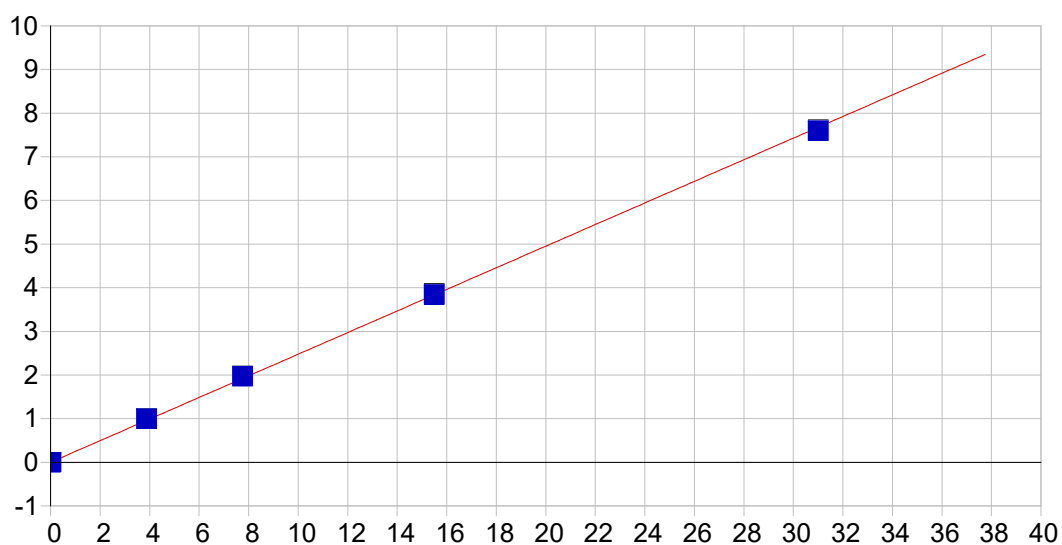


Ca 373.690 { 90}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000860 Re-Slope: 1.000000
 A1 (Gain): 0.097830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.003281
 Predicted MDL: 0.011939
 Predicted MQL: 0.039797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00069	-.001	.000	.00079	.001	1
S1	5.0000	5.5959	.596	11.9	.54816	.007	1
S2	62.500	63.372	.872	1.40	6.1459	.020	1
S3	125.00	126.63	1.63	1.30	12.280	.062	1
S4	250.00	249.84	-.160	-.064	24.224	.114	1
S5	500.00	494.96	-5.04	-1.01	47.986	.491	1
S6	800.00	802.10	2.10	.263	77.304	1.52	1

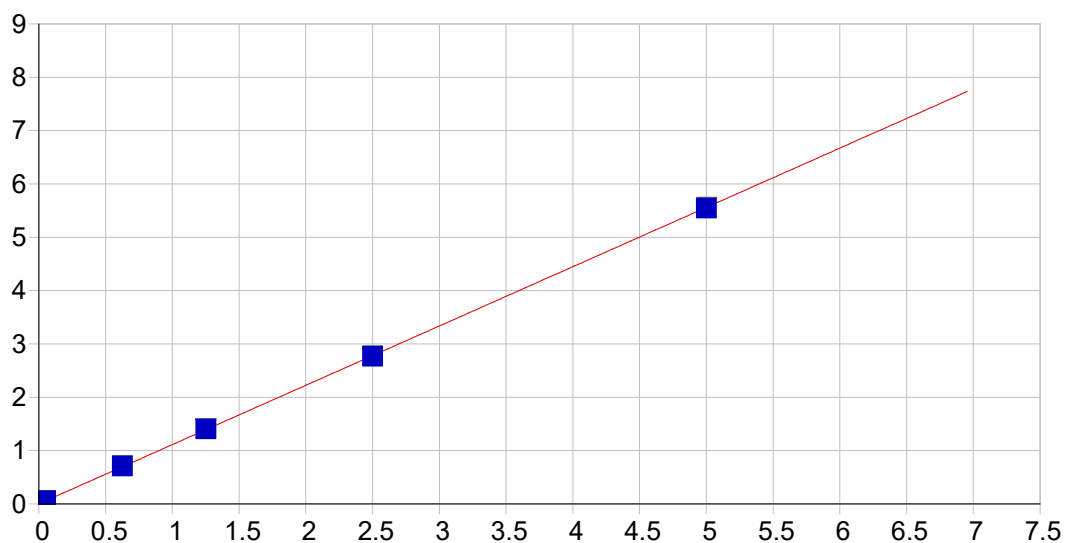


Cr 267.716 {126}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.247628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01146	.001	14.6	.00293	.000	1
S2	3.8750	4.0151	.140	3.62	.99555	.001	1
S3	7.7500	7.9444	.194	2.51	1.9698	.003	1
S4	15.500	15.502	.002	.012	3.8436	.019	1
S5	31.000	30.662	-.338	-1.09	7.6025	.014	1

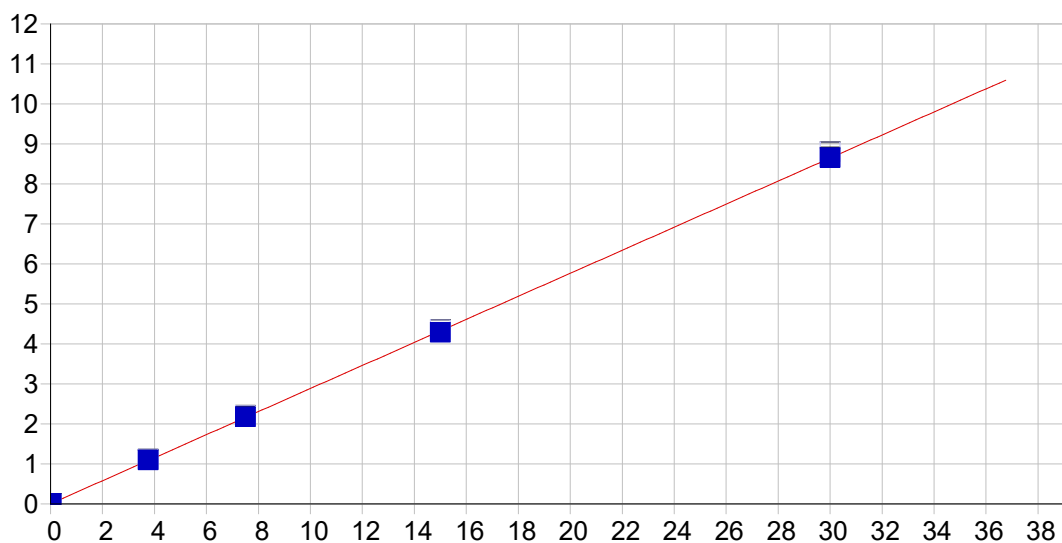


Co 228.616 {448}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000560 Re-Slope: 1.000000
 A1 (Gain): 1.111790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.000345
 Predicted MQL: 0.001149

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00055	.000	1
S1	.05000	.05423	.004	8.46	.06105	.000	1
S2	.62500	.63465	.010	1.54	.70727	.001	1
S3	1.2500	1.2639	.014	1.11	1.4080	.001	1
S4	2.5000	2.4879	-.012	-.486	2.7710	.003	1
S5	5.0000	4.9843	-.016	-.314	5.5509	.013	1

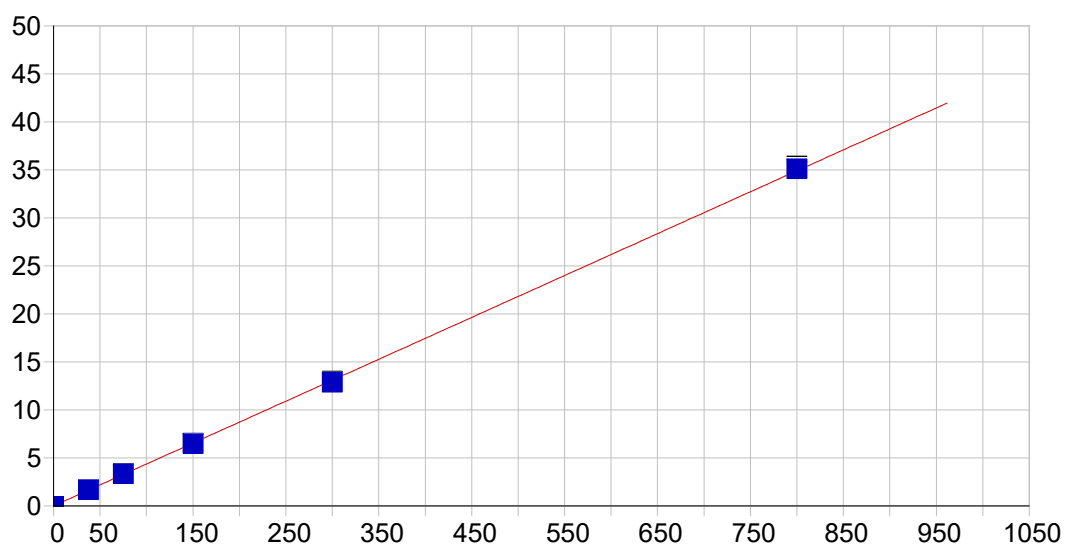


Cu 324.754 {104}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003455	Re-Slope:	1.000000
A1 (Gain):	0.288111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.002652		
Predicted MQL:	0.008841		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00346	.001	1
S1	.02500	.02462	-.000	-1.53	.01199	.001	1
S2	3.7500	3.8051	.055	1.47	1.1171	.003	1
S3	7.5000	7.5389	.039	.518	2.2101	.006	1
S4	15.000	14.864	-.136	-.907	4.3552	.006	1
S5	30.000	30.043	.043	.142	8.7976	.014	1

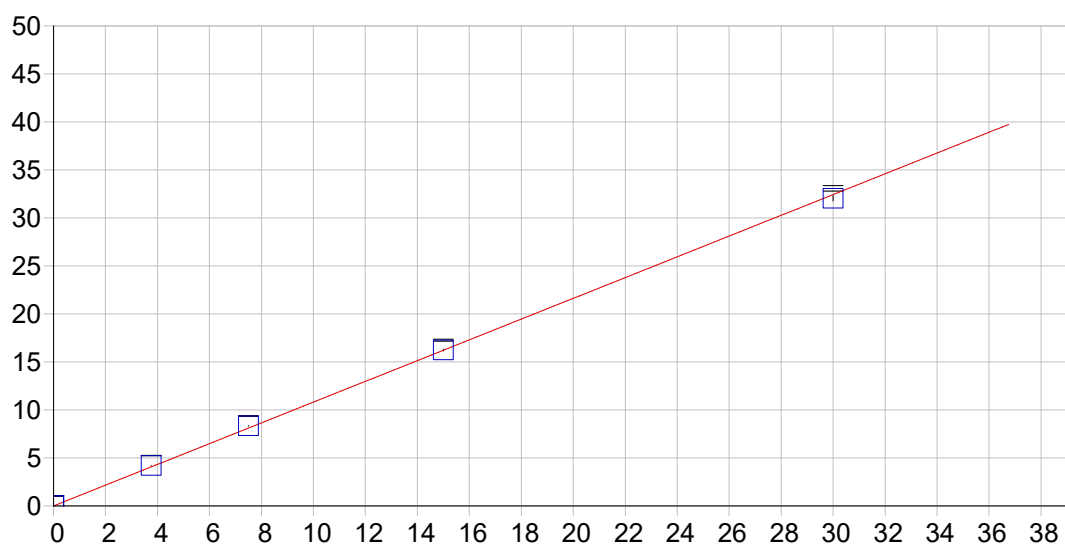


Fe 259.837 {130}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000858 Re-Slope: 1.000000
 A1 (Gain): 0.043636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.009129
 Predicted MQL: 0.030430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00086	.000	1
S1	.10000	.11532	.015	15.3	.00607	.000	1
S2	37.500	38.557	1.06	2.82	1.6867	.011	1
S3	75.000	76.200	1.20	1.60	3.3327	.014	1
S4	150.00	148.41	-1.59	-1.06	6.4904	.032	1
S5	300.00	295.03	-4.97	-1.66	12.902	.085	1
S6	800.00	804.29	4.29	.536	35.141	.273	1

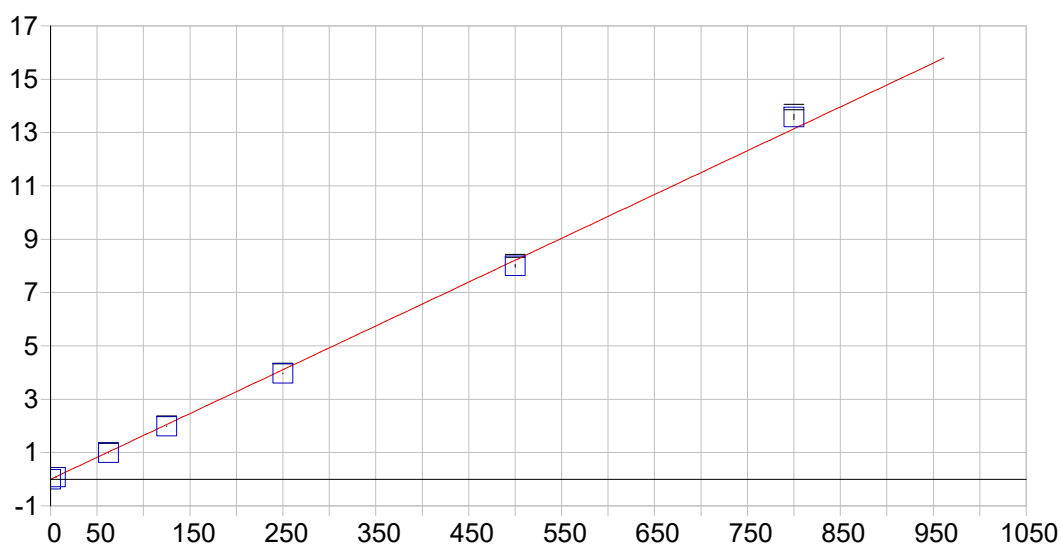


Mn 257.610 {131}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001074 Re-Slope: 1.000000
 A1 (Gain): 1.081096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000650
 Predicted MDL: 0.000394
 Predicted MQL: 0.001313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00107	.000	1
S1	.01500	.01758	.003	17.2	.02008	.000	1
S2	3.7500	3.8935	.144	3.83	4.2104	.021	1
S3	7.5000	7.7097	.210	2.80	8.3360	.045	1
S4	15.000	15.003	.003	.021	16.221	.100	1
S5	30.000	29.641	-.359	-1.20	32.046	.279	1

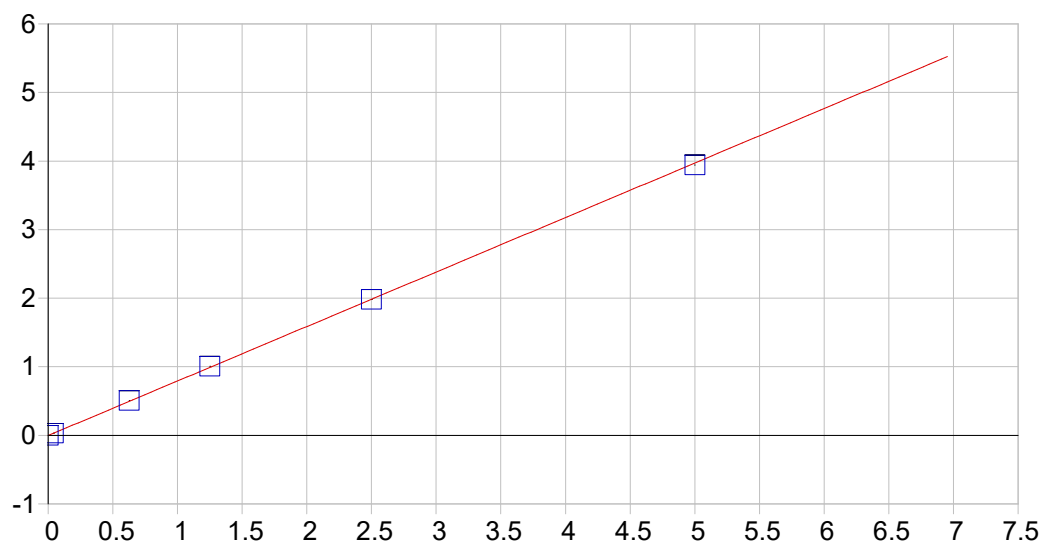


Mg 279.079 {121}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000683 Re-Slope: 1.000000
 A1 (Gain): 0.016427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999509 Status: OK.
 Std Error of Est: 0.001798
 Predicted MDL: 0.027342
 Predicted MQL: 0.091141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00068	.000	1
S1	5.0000	5.2405	.240	4.81	.08540	.001	1
S2	62.500	60.199	-2.30	-3.68	.98822	.004	1
S3	125.00	121.06	-3.94	-3.15	1.9880	.007	1
S4	250.00	241.80	-8.20	-3.28	3.9715	.011	1
S5	500.00	487.33	-12.7	-2.53	8.0047	.055	1
S6	800.00	826.87	26.9	3.36	13.582	.102	1

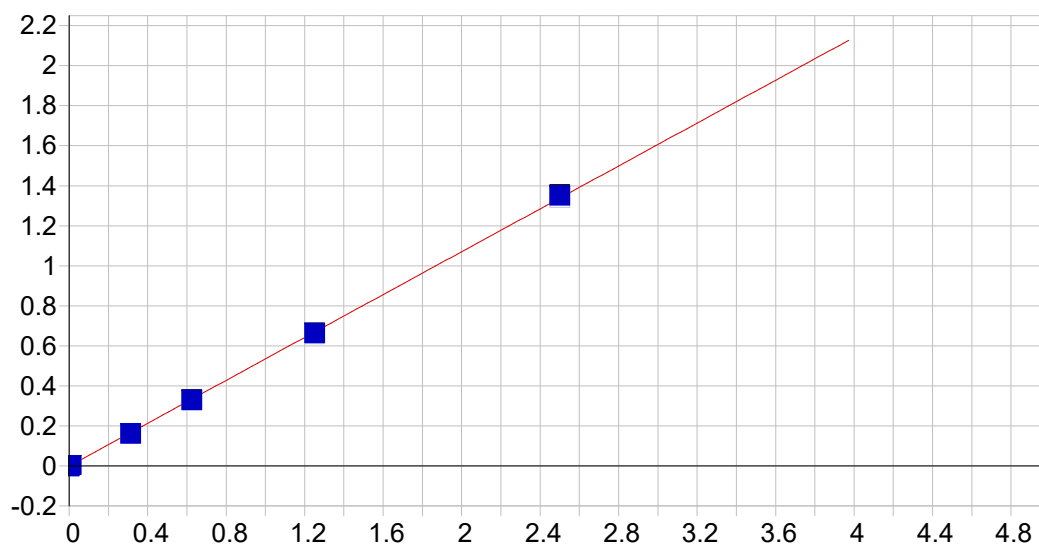


Ni 231.604 {446}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002436 Re-Slope: 1.000000
 A1 (Gain): 0.794649 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.000556
 Predicted MQL: 0.001854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00244	.000	1
S1	.04000	.04470	.005	11.8	.03309	.000	1
S2	.62500	.63988	.015	2.38	.50604	.000	1
S3	1.2500	1.2707	.021	1.66	1.0073	.000	1
S4	2.5000	2.4957	-.004	-.173	1.9808	.000	1
S5	5.0000	4.9640	-.036	-.720	3.9422	.006	1

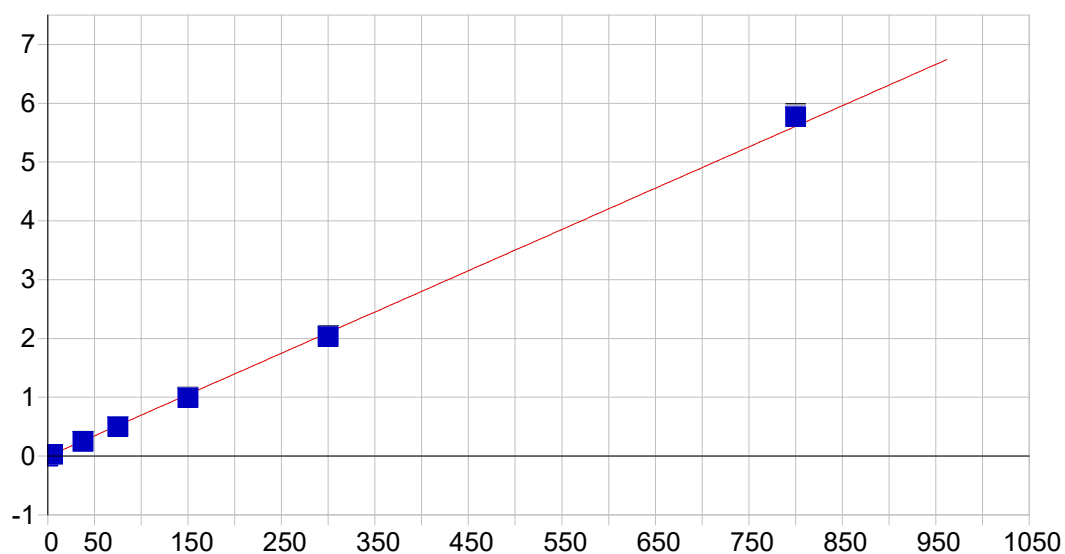


Ag 328.068 {103}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000972 Re-Slope: 1.000000
 A1 (Gain): 0.535630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000442
 Predicted MQL: 0.001472

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01044	.000	4.41	.00458	.000	1
S2	.31250	.30305	-.009	-3.02	.15992	.000	1
S3	.62500	.61712	-.008	-1.26	.32671	.002	1
S4	1.2500	1.2410	-.009	-.722	.65800	.000	1
S5	2.5000	2.5259	.026	1.04	1.3405	.004	1

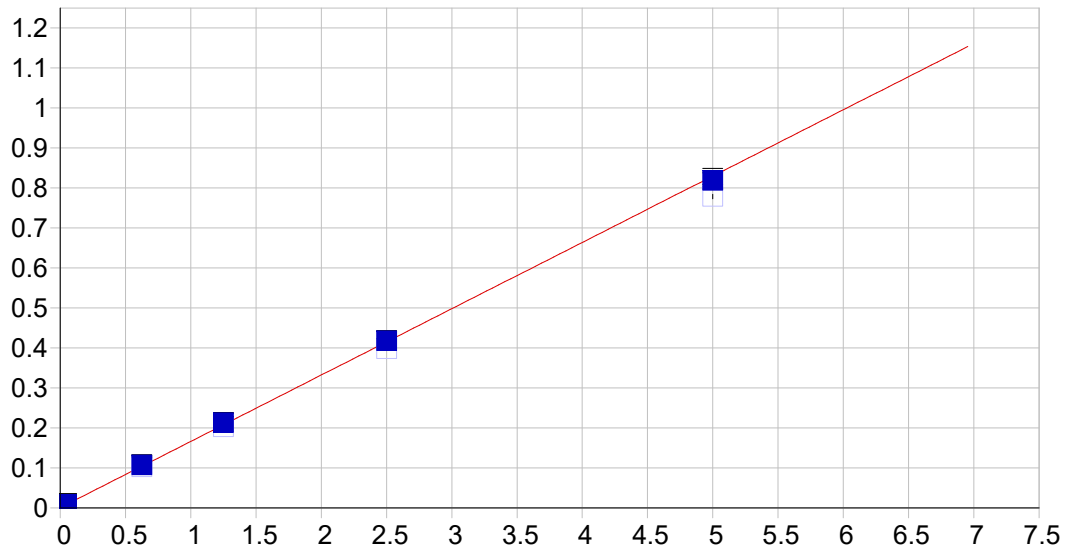


Na 818.326 { 41}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004715 Re-Slope: 1.000000
 A1 (Gain): 0.007016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999413 Status: OK.
 Std Error of Est: 0.000747
 Predicted MDL: 0.284402
 Predicted MQL: 0.948008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00063	.001	.000	-.00471	.002	1
S1	5.0000	5.1044	.104	2.09	.03110	.002	1
S2	37.500	35.742	-1.76	-4.69	.24721	.002	1
S3	75.000	71.783	-3.22	-4.29	.50122	.003	1
S4	150.00	142.08	-7.92	-5.28	.99675	.005	1
S5	300.00	290.01	-9.99	-3.33	2.0392	.015	1
S6	800.00	822.78	22.8	2.85	5.7925	.029	1

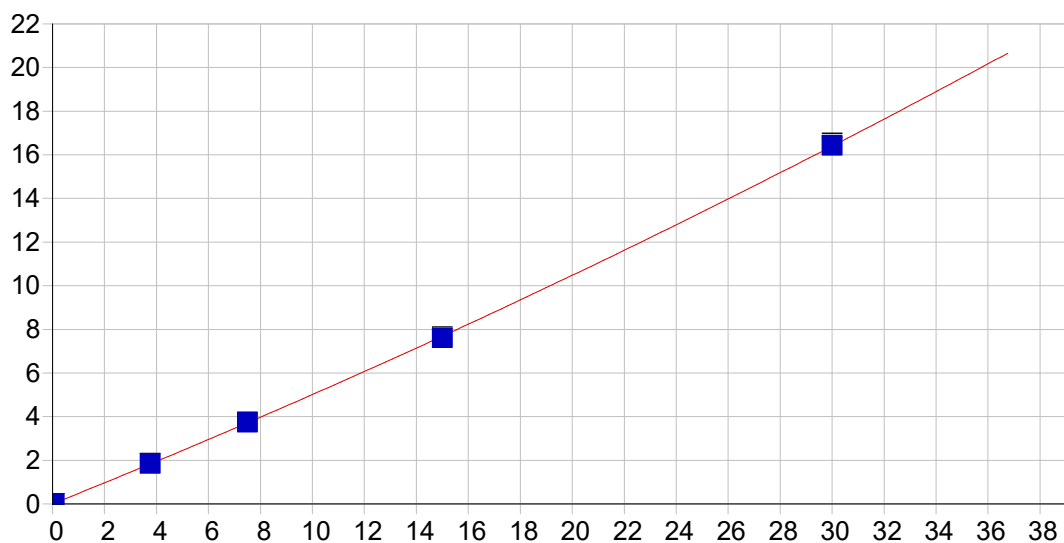


V 292.402 {115}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000464	Re-Slope:	1.000000
A1 (Gain):	0.165871	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.003144		
Predicted MQL:	0.010481		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00046	.000	1
S1	.05000	.05616	.006	12.3	.00976	.000	1
S2	.62500	.64279	.018	2.85	.10211	.001	1
S3	1.2500	1.2794	.029	2.35	.20274	.001	1
S4	2.5000	2.5133	.013	.531	.39747	.001	1
S5	5.0000	4.9331	-.067	-1.34	.77896	.006	1

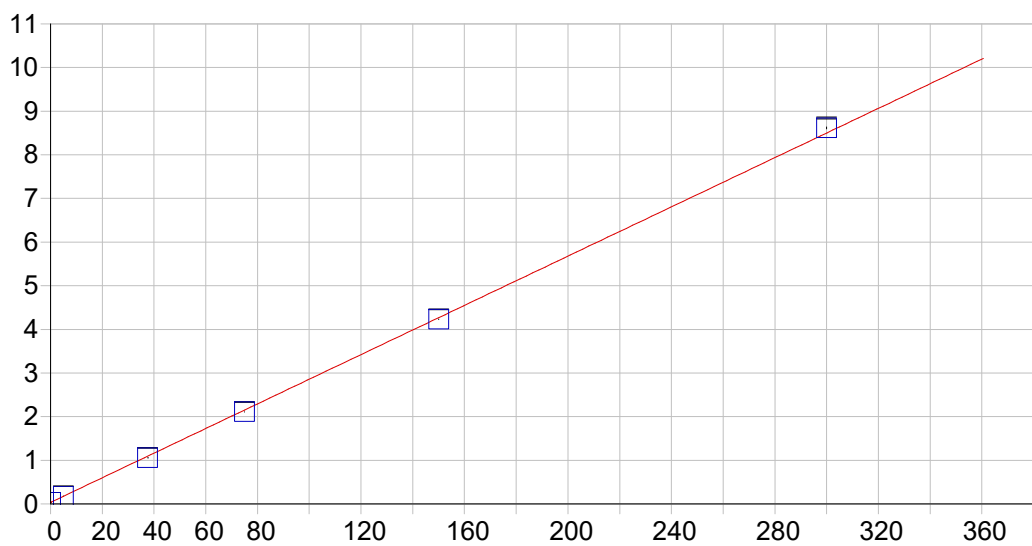


Zn 213.856 {158}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001088	Re-Slope:	1.000000
A1 (Gain):	0.478409	Y-int:	0.000000
A2 (Curvature):	0.002273		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	Warning Positive Curvature
Std Error of Est:	0.000284		
Predicted MDL:	0.001705		
Predicted MQL:	0.005684		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00109	.000	1
S1	.06000	.06390	.004	6.50	.03175	.001	1
S2	3.7500	3.8012	.051	1.37	1.8554	.006	1
S3	7.5000	7.5343	.034	.457	3.7404	.012	1
S4	15.000	14.864	-.136	-.909	7.6259	.027	1
S5	30.000	30.048	.048	.161	16.452	.089	1

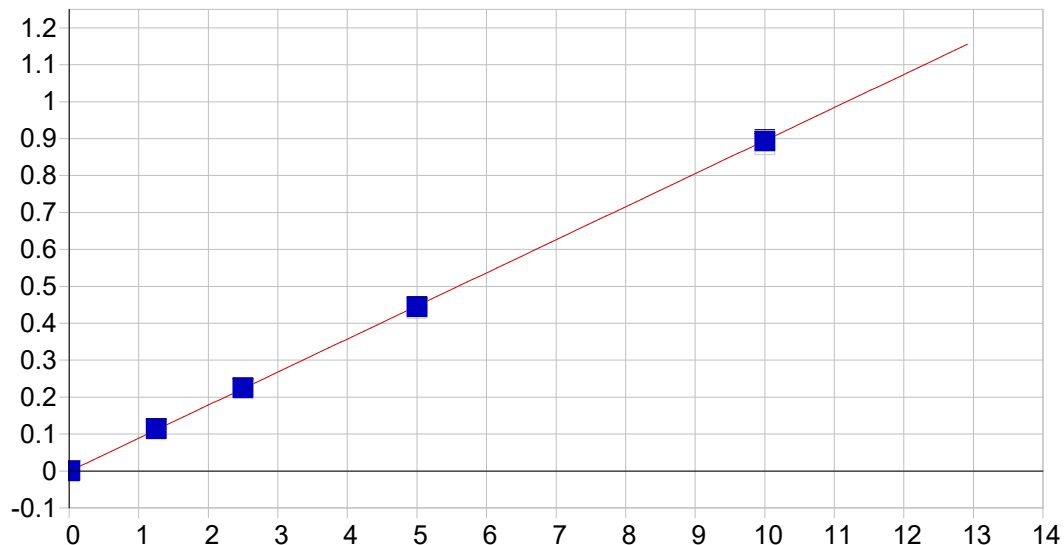


K 769.896 { 44}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035372 Re-Slope: 1.000000
 A1 (Gain): 0.028215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000953
 Predicted MDL: 0.075256
 Predicted MQL: 0.250852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.03538	.001	1
S1	5.0000	5.1120	.112	2.24	.17961	.001	1
S2	37.500	36.096	-1.40	-3.74	1.0538	.001	1
S3	75.000	73.556	-1.44	-1.93	2.1108	.003	1
S4	150.00	148.61	-1.39	-.925	4.2285	.007	1
S5	300.00	304.12	4.12	1.37	8.6162	.023	1

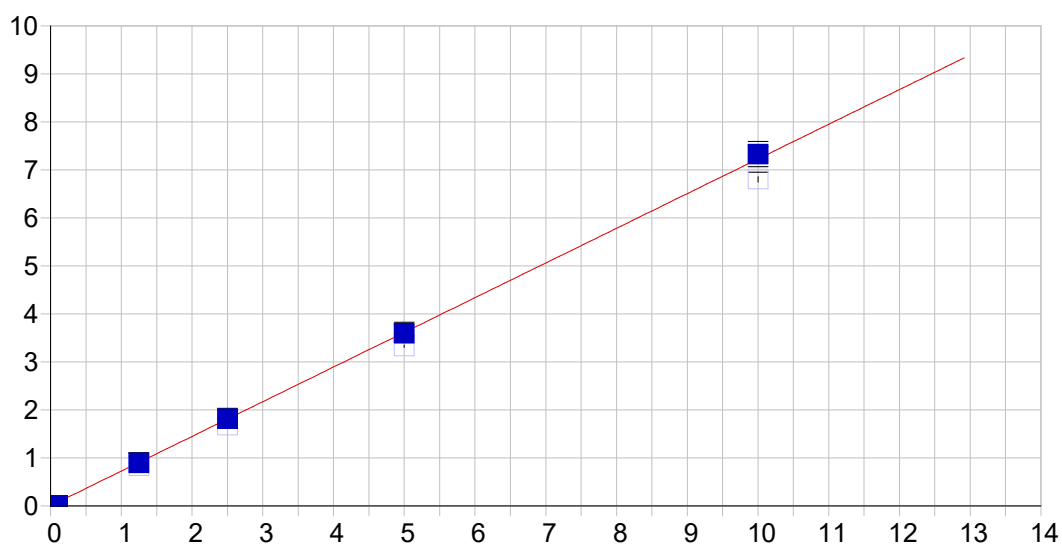


P 177.495 {490}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000691 Re-Slope: 1.000000
 A1 (Gain): 0.089523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002049
 Predicted MQL: 0.006829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.01000	.00998	-.000	-.214	.00020	.000	1
S2	1.2500	1.2800	.030	2.40	.11264	.000	1
S3	2.5000	2.5190	.019	.759	.22231	.000	1
S4	5.0000	4.9720	-.028	-.560	.43940	.001	1
S5	10.000	9.9791	-.021	-.209	.88263	.005	1

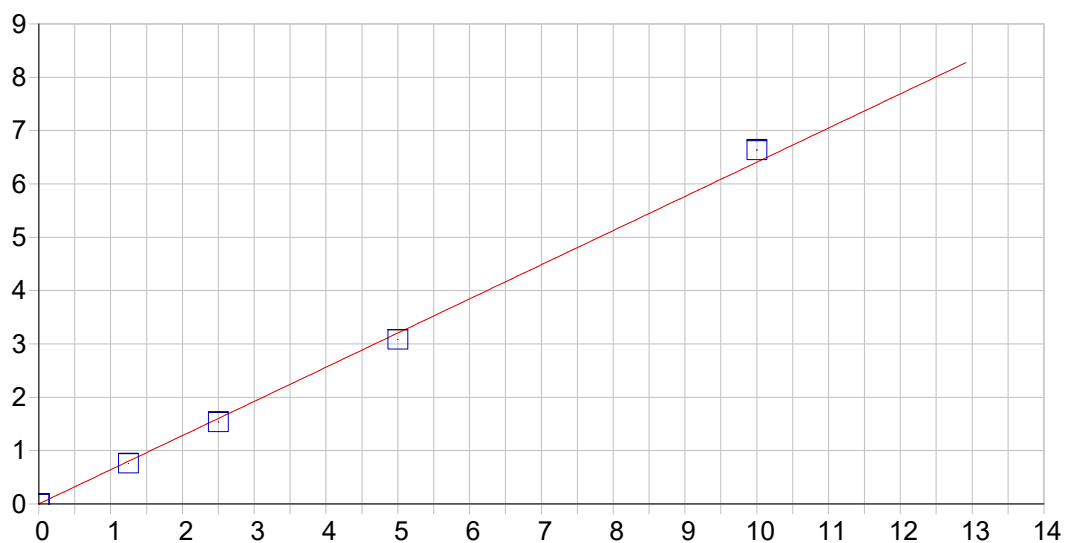


B 249.678 {135}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003078 Re-Slope: 1.000000
 A1 (Gain): 0.722532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997447 Status: OK.
 Std Error of Est: 0.002550
 Predicted MDL: 0.000903
 Predicted MQL: 0.003011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00314	.000	1
S1	.10000	.01016	-.090	-89.8	.01027	.000	1
S2	1.2500	1.2358	-.014	-1.14	.83041	.006	1
S3	2.5000	2.5057	.006	.230	1.6825	.014	1
S4	5.0000	4.9656	-.034	-.688	3.3287	.027	1
S5	10.000	10.140	.140	1.40	6.8048	.056	1

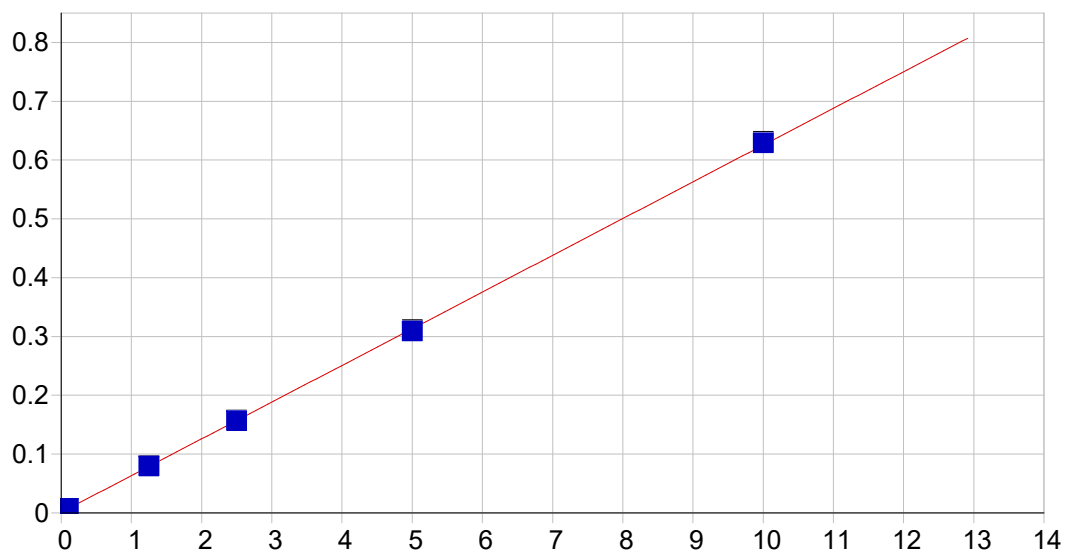


Mo 202.030 {467}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000385 Re-Slope: 1.000000
 A1 (Gain): 0.640652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999274 Status: OK.
 Std Error of Est: 0.000409
 Predicted MDL: 0.000450
 Predicted MQL: 0.001500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.01000	.01018	.000	1.75	.00690	.000	1
S2	1.2500	1.1868	-.063	-5.06	.76070	.002	1
S3	2.5000	2.3972	-.103	-4.11	1.5362	.004	1
S4	5.0000	4.8103	-.190	-3.79	3.0821	.002	1
S5	10.000	10.356	.356	3.56	6.6347	.011	1

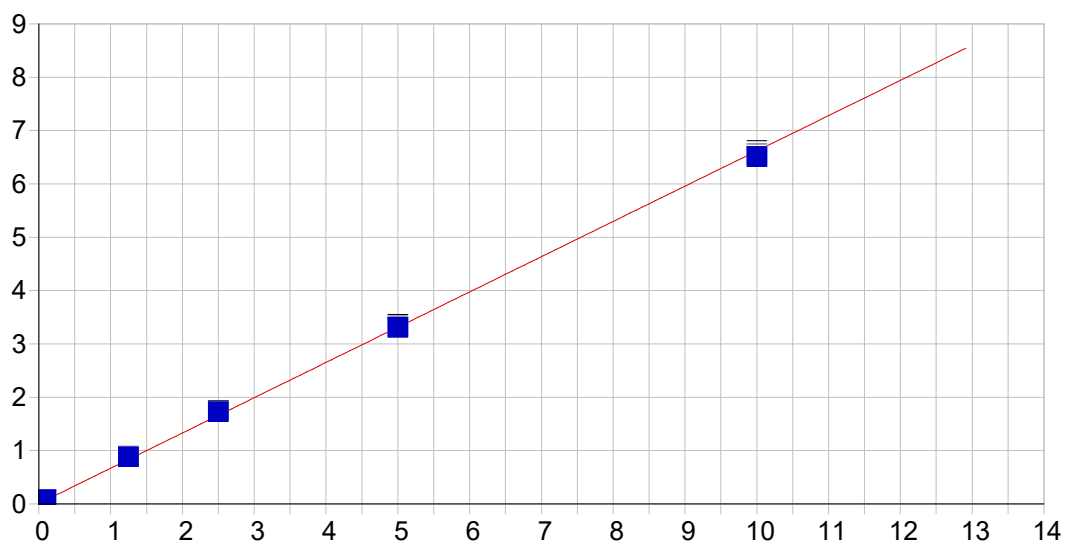


S 182.034 {485}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001006 Re-Slope: 1.000000
 A1 (Gain): 0.062435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003543
 Predicted MQL: 0.011812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00101	.000	1
S1	.10000	.10355	.004	3.55	.00747	.000	1
S2	1.2500	1.2605	.010	.837	.07987	.000	1
S3	2.5000	2.4978	-.002	-.088	.15729	.000	1
S4	5.0000	4.9310	-.069	-1.38	.30953	.002	1
S5	10.000	10.057	.057	.572	.63025	.001	1

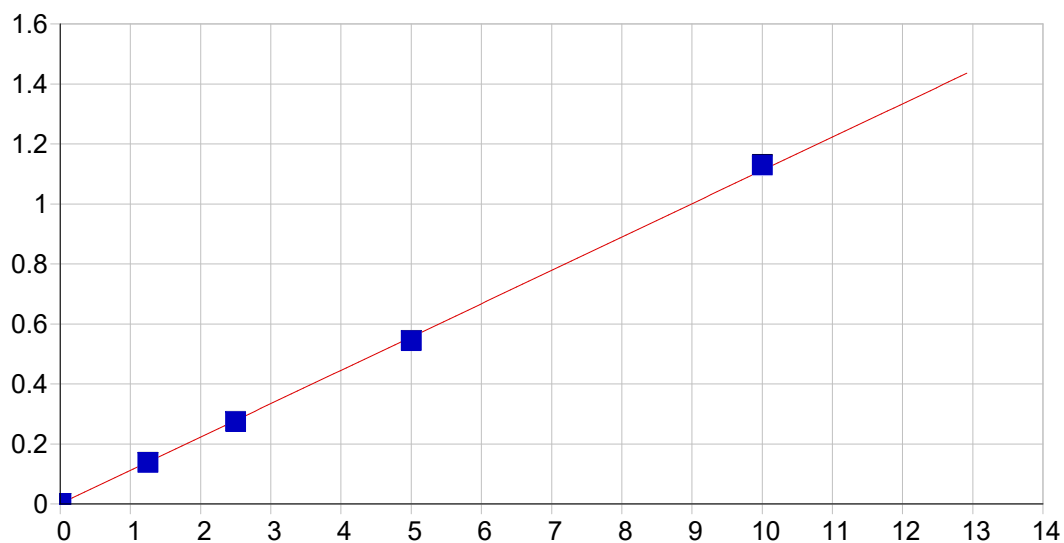


Si 251.611 {134}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007673 Re-Slope: 1.000000
 A1 (Gain): 0.661134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000860
 Predicted MDL: 0.001005
 Predicted MQL: 0.003349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00767	.001	1
S1	.10000	.10259	.003	2.59	.07573	.001	1
S2	1.2500	1.3257	.076	6.06	.89147	.001	1
S3	2.5000	2.5979	.098	3.92	1.7399	.015	1
S4	5.0000	4.9910	-.009	-.180	3.3366	.028	1
S5	10.000	9.8328	-.167	-1.67	6.5669	.055	1

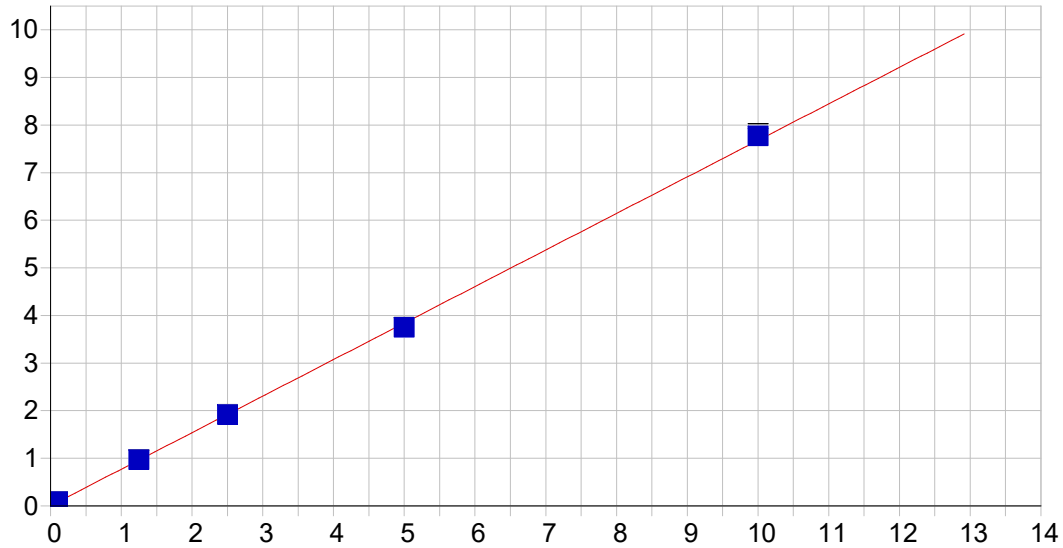


Sn 189.989 {478}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000683 Re-Slope: 1.000000
 A1 (Gain): 0.111099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001645
 Predicted MQL: 0.005485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.00700	.00487	-.002	-30.4	.00120	.000	1
S2	1.2500	1.2346	-.015	-1.23	.13756	.000	1
S3	2.5000	2.4656	-.034	-1.38	.27403	.000	1
S4	5.0000	4.8942	-.106	-2.12	.54328	.000	1
S5	10.000	10.158	.158	1.58	1.1269	.003	1

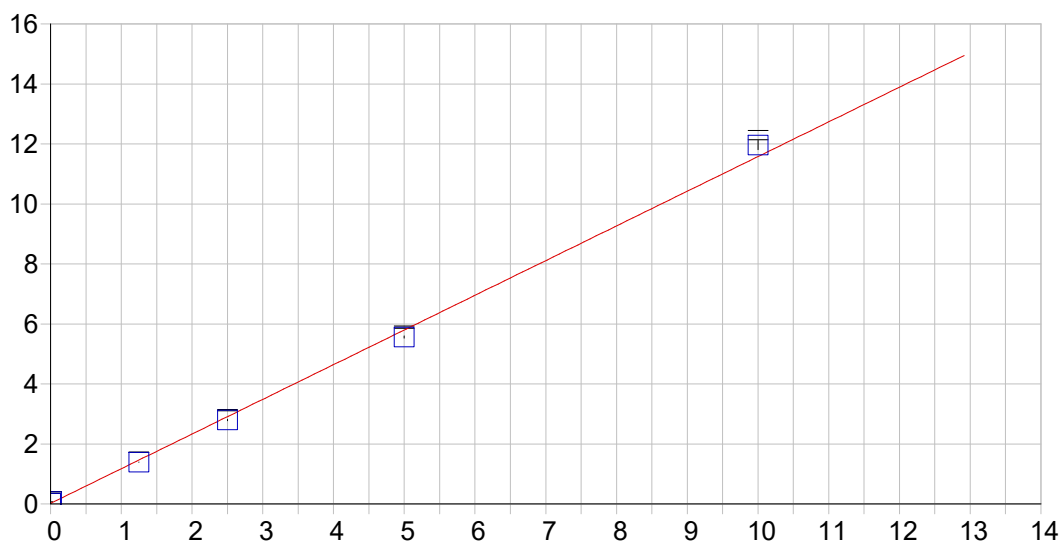


Ti 336.121 {100}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004101	Re-Slope:	1.000000
A1 (Gain):	0.767392	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000666		
Predicted MDL:	0.001128		
Predicted MQL:	0.003760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00410	.001	1
S1	.10000	.10695	.007	6.95	.08615	.001	1
S2	1.2500	1.2525	.002	.200	.96493	.004	1
S3	2.5000	2.4890	-.011	-.440	1.9135	.011	1
S4	5.0000	4.8782	-.122	-2.44	3.7463	.006	1
S5	10.000	10.123	.123	1.23	7.7700	.051	1

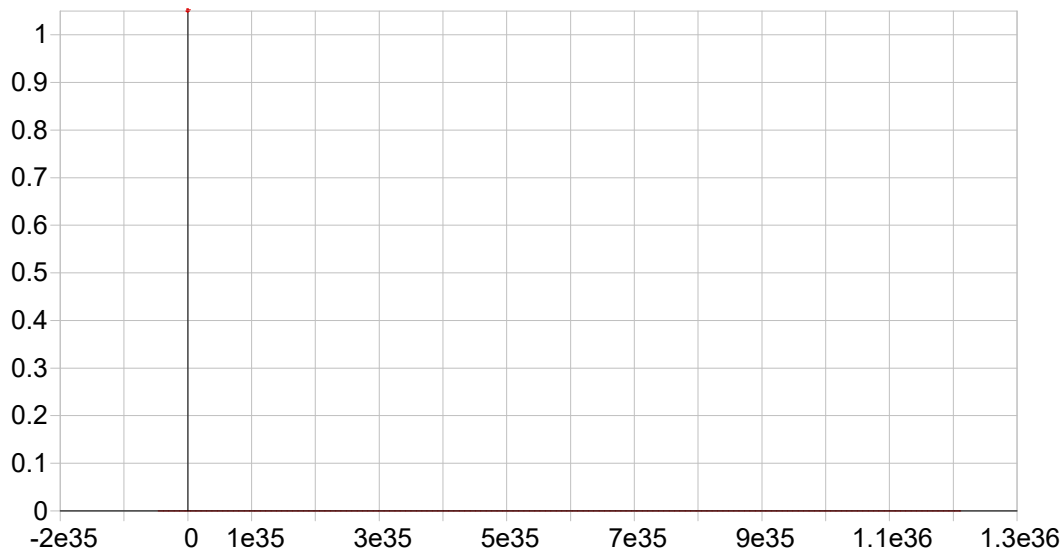


Li 670.784 { 50}

Date of Fit: 08/15/2019 12:59:57 Type of Fit: Linear Weighting: 1/Conc

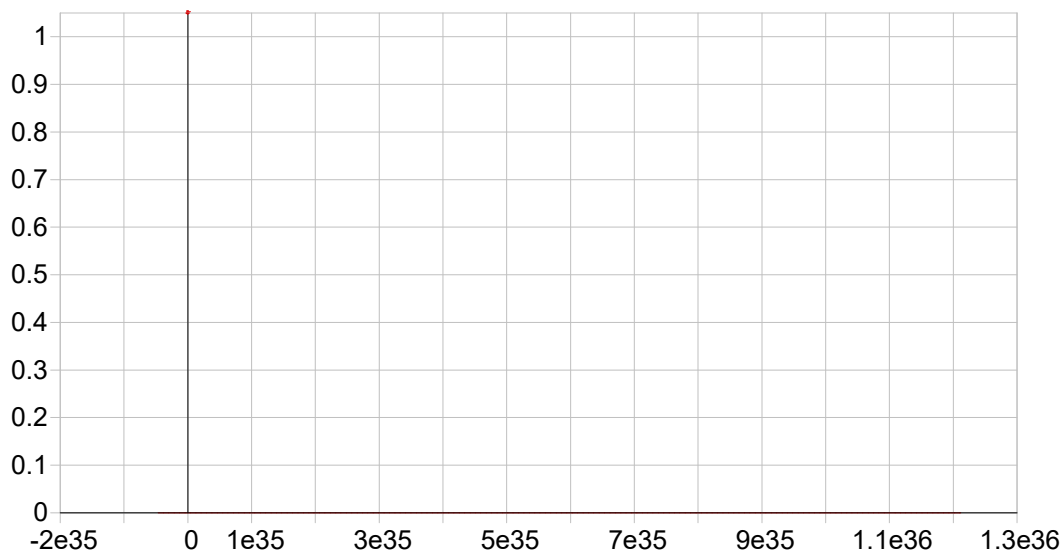
A0 (Offset): 0.017142 Re-Slope: 1.000000
 A1 (Gain): 1.156112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997193 Status: OK.
 Std Error of Est: 0.001783
 Predicted MDL: 0.001829
 Predicted MQL: 0.006097

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01710	.002	1
S5	10.000	10.331	.331	3.31	11.961	.156	1
S4	5.0000	4.7965	-.203	-4.07	5.5624	.042	1
S3	2.5000	2.4005	-.099	-3.98	2.7924	.019	1
S2	1.2500	1.1874	-.063	-5.01	1.3899	.007	1
S1	.01500	.04951	.035	230.	.07438	.003	1



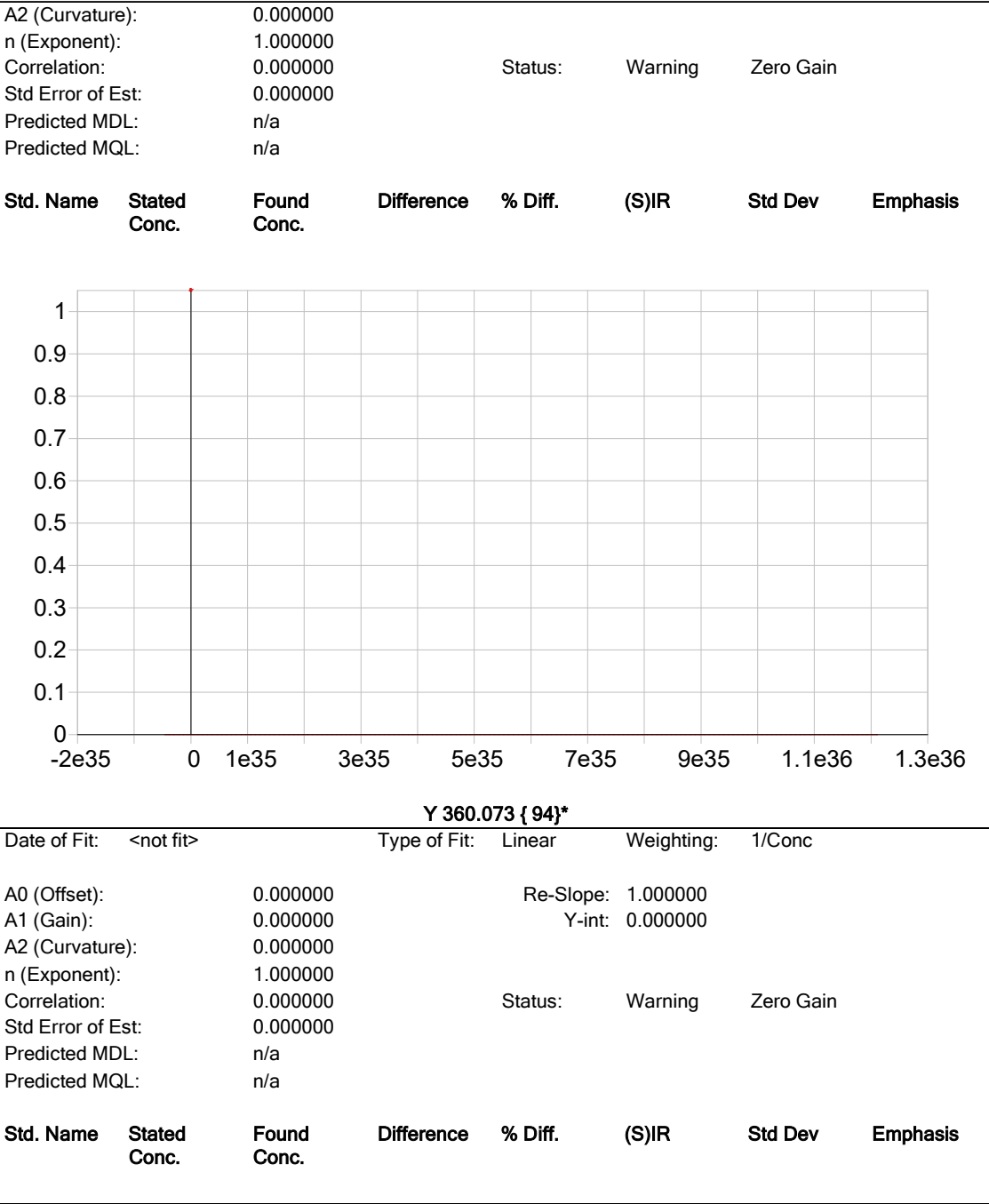
Y 224.306 {150}*

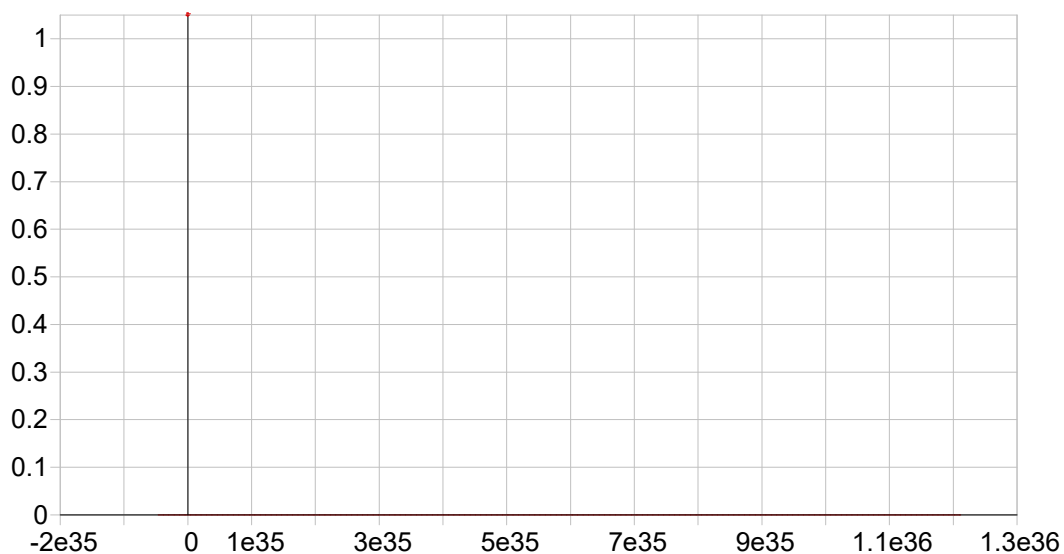
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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



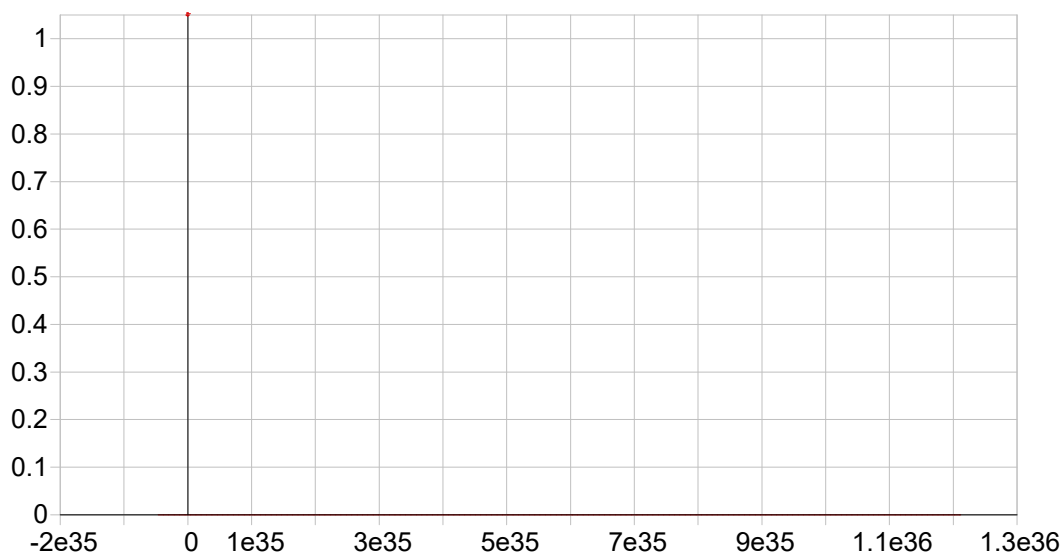
**Y 224.306 {450}*
 100**

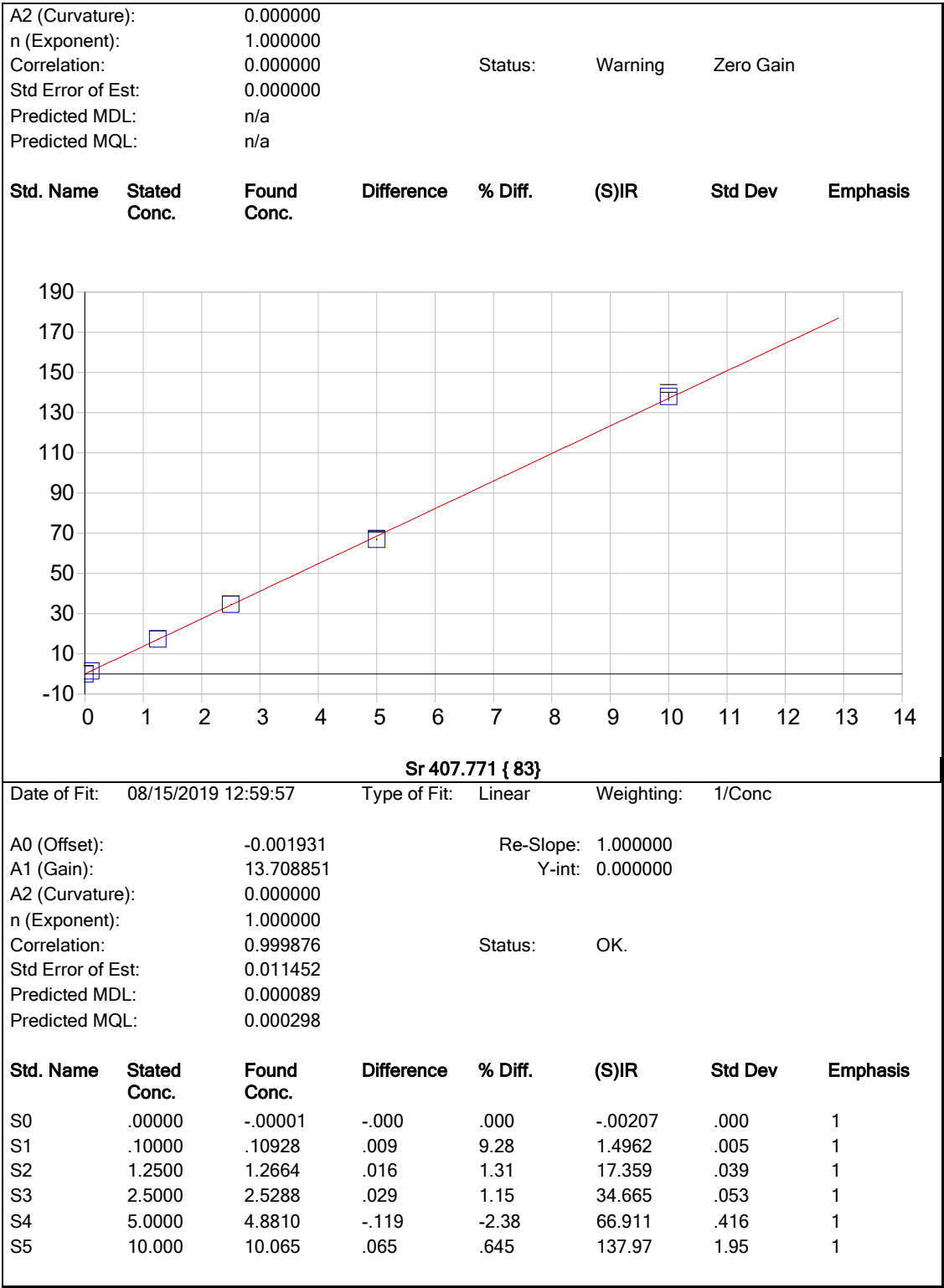
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	





Y 371.030 { 91}*





Sample Name: S0 Acquired: 08/15/2019 12:11:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	-.00061	-.00136	.00011	.00135	.00102	.00850	.00790	-.00357
Stddev	.00012	.00024	.00061	.00011	.00045	.00103	.00140	.00028
%RSD	18.897	17.612	550.10	8.0672	44.446	12.076	17.700	7.8800
#1	-.00069	-.00132	.00078	.00130	.00052	.00849	.00629	-.00325
#2	-.00067	-.00162	-.00042	.00147	.00113	.00748	.00882	-.00369
#3	-.00048	-.00114	-.00003	.00127	.00141	.00953	.00859	-.00377
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00055	.00079	.00009	.00055	.00346	.00086	.00107	-.00068
Stddev	.00014	.00070	.00016	.00021	.00079	.00022	.00024	.00044
%RSD	26.081	88.478	176.96	37.943	22.790	25.909	22.037	64.588
#1	-.00052	.00149	.00026	.00045	.00263	.00107	.00085	-.00021
#2	-.00042	.00080	-.00004	.00042	.00420	.00063	.00132	-.00108
#3	-.00070	.00009	.00004	.00080	.00353	.00087	.00105	-.00074
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	-.00244	-.00097	-.00471	.00046	.00109	.03538	-.00069	.00314
Stddev	.00017	.00010	.00159	.00035	.00010	.00071	.00014	.00045
%RSD	6.9070	9.7715	33.681	75.764	9.2965	2.0102	20.198	14.186
#1	-.00226	-.00090	-.00316	.00006	.00099	.03492	-.00061	.00337
#2	-.00247	-.00093	-.00464	.00063	.00108	.03620	-.00085	.00263
#3	-.00259	-.00108	-.00633	.00070	.00119	.03501	-.00062	.00343
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	.00039	.00101	.00767	.00068	.00410	.01710	-.00207	
Stddev	.00016	.00006	.00079	.00009	.00050	.00172	.00046	
%RSD	41.026	6.1189	10.304	12.722	12.288	10.048	22.127	
#1	.00047	.00101	.00691	.00078	.00450	.01883	-.00181	
#2	.00020	.00106	.00849	.00065	.00353	.01710	-.00180	
#3	.00048	.00094	.00760	.00062	.00426	.01539	-.00260	

Sample Name: S0 Acquired: 08/15/2019 12:11:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1404.3	2290.2	29424.	5053.3	2454.2
Stddev	9.4	3.1	272.	48.0	1.4
%RSD	.66659	.13446	.92332	.94963	.05896
#1	1393.5	2292.1	29116.	5088.3	2455.3
#2	1410.0	2286.7	29629.	4998.6	2454.7
#3	1409.4	2291.9	29527.	5073.1	2452.6

Sample Name: S1 Acquired: 08/15/2019 12:16:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.00032	.00092	.00311	.00641	.01446	.03111	1.0938	.03663
Stddev	.00029	.00020	.00027	.00032	.00018	.00116	.0101	.00086
%RSD	91.449	21.704	8.7596	4.9838	1.2320	3.7184	.92602	2.3594

#1	-.00002	.00075	.00342	.00654	.01430	.03192	1.1053	.03706
#2	.00051	.00087	.00302	.00664	.01444	.02979	1.0863	.03564
#3	.00046	.00114	.00290	.00605	.01465	.03163	1.0897	.03720

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	.02228	.54816	.00293	.06105	.01199	.00607	.02008	.08540
Stddev	.00028	.00716	.00018	.00048	.00067	.00018	.00042	.00052
%RSD	1.2521	1.3061	6.2129	.77932	5.5937	2.9690	2.1065	.61063

#1	.02246	.55580	.00280	.06078	.01121	.00626	.01966	.08576
#2	.02241	.54160	.00314	.06076	.01236	.00605	.02051	.08481
#3	.02196	.54708	.00286	.06160	.01238	.00590	.02007	.08564

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	.03309	.00458	.03110	.00976	.03175	.17961	.00020	.01027
Stddev	.00033	.00024	.00239	.00029	.00059	.00135	.00010	.00035
%RSD	.99955	5.3450	7.6835	3.0039	1.8502	.75431	47.995	3.4286

#1	.03335	.00485	.03260	.01004	.03132	.17835	.00031	.01051
#2	.03272	.00450	.03235	.00978	.03151	.18104	.00016	.00987
#3	.03320	.00438	.02834	.00946	.03242	.17943	.00013	.01044

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	.00690	.00747	.07573	.00120	.08615	.07438	1.4962
Stddev	.00018	.00009	.00142	.00009	.00060	.00275	.0049
%RSD	2.5699	1.1601	1.8734	7.6300	.69608	3.7011	.32829

#1	.00708	.00757	.07732	.00116	.08629	.07673	1.4941
#2	.00673	.00743	.07530	.00114	.08550	.07135	1.4926
#3	.00690	.00742	.07458	.00131	.08667	.07505	1.5018

Sample Name: S1 Acquired: 08/15/2019 12:16:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1406.8	2307.0	29426.	5139.0	2499.3
Stddev	8.1	8.1	135.	93.0	7.0
%RSD	.57885	.35000	.45996	1.8096	.28044
#1	1406.5	2298.1	29568.	5034.2	2491.3
#2	1398.8	2313.8	29299.	5211.9	2504.6
#3	1415.1	2309.2	29410.	5170.8	2501.9

Sample Name: S2 Acquired: 08/15/2019 12:20:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.09094	.10753	1.6541	.17593	.27526	4.2438	12.778	.92861
Stddev	.00040	.00010	.0016	.00081	.00076	.0050	.031	.00133
%RSD	.44298	.09622	.09551	.46264	.27749	.11846	.23998	.14291

#1	.09090	.10762	1.6531	.17499	.27447	4.2469	12.813	.92982
#2	.09055	.10742	1.6533	.17646	.27532	4.2464	12.757	.92884
#3	.09136	.10754	1.6559	.17633	.27600	4.2380	12.763	.92719

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5513	6.1459	.99555	.70727	1.1171	1.6867	4.2104	.98822
Stddev	.0005	.0202	.00119	.00095	.0029	.0111	.0210	.00378
%RSD	.02130	.32863	.11932	.13465	.26439	.65752	.49780	.38300

#1	2.5519	6.1664	.99653	.70622	1.1137	1.6952	4.2335	.99203
#2	2.5512	6.1451	.99589	.70750	1.1186	1.6742	4.1927	.98446
#3	2.5509	6.1261	.99423	.70808	1.1189	1.6908	4.2049	.98816

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	.50604	.15992	.24721	.10211	1.8554	1.0538	.11264	.83041
Stddev	.00046	.00042	.00228	.00085	.0058	.0010	.00026	.00574
%RSD	.09169	.26107	.92120	.82940	.31482	.09860	.23140	.69074

#1	.50655	.15970	.24982	.10275	1.8567	1.0543	.11263	.83603
#2	.50595	.16040	.24616	.10244	1.8490	1.0546	.11239	.83064
#3	.50563	.15965	.24565	.10115	1.8605	1.0526	.11291	.82457

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	.76070	.07987	.89147	.13756	.96493	1.3899	17.359
Stddev	.00198	.00032	.00148	.00032	.00424	.0068	.039
%RSD	.26070	.40626	.16631	.23326	.43943	.48848	.22646

#1	.75890	.08021	.89310	.13727	.96977	1.3977	17.356
#2	.76038	.07957	.89112	.13750	.96314	1.3870	17.400
#3	.76282	.07982	.89020	.13790	.96188	1.3852	17.322

Sample Name: S2 Acquired: 08/15/2019 12:20:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1371.3	2267.1	29450.	5131.6	2535.7
Stddev	9.2	5.4	177.	36.5	3.3
%RSD	.66807	.23942	.60164	.71050	.12991
#1	1377.8	2269.5	29539.	5131.1	2536.1
#2	1360.8	2270.9	29246.	5095.3	2538.7
#3	1375.1	2260.9	29565.	5168.2	2532.2

Sample Name: S3 Acquired: 08/15/2019 12:24:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.18602	.21984	3.3225	.35562	.56017	8.5290	25.790	1.8503
Stddev	.00077	.00089	.0043	.00108	.00070	.0394	.091	.0187
%RSD	.41397	.40614	.12887	.30441	.12541	.46183	.35421	1.0101

#1	.18539	.21962	3.3187	.35437	.55985	8.5640	25.877	1.8709
#2	.18688	.21908	3.3215	.35620	.55969	8.5367	25.799	1.8458
#3	.18579	.22082	3.3271	.35628	.56097	8.4864	25.695	1.8343

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9540	12.280	1.9698	1.4080	2.2101	3.3327	8.3360	1.9880
Stddev	.0052	.062	.0026	.0007	.0057	.0137	.0447	.0071
%RSD	.10453	.50372	.13408	.04669	.26007	.41108	.53653	.35754

#1	4.9493	12.317	1.9700	1.4072	2.2165	3.3450	8.3771	1.9920
#2	4.9596	12.314	1.9670	1.4083	2.2087	3.3352	8.3426	1.9923
#3	4.9532	12.208	1.9723	1.4085	2.2052	3.3179	8.2884	1.9798

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	1.0073	.32671	.50122	.20274	3.7404	2.1108	.22231	1.6825
Stddev	.0004	.00167	.00313	.00065	.0116	.0031	.00046	.0141
%RSD	.03456	.51243	.62527	.31926	.30875	.14495	.20574	.83660

#1	1.0070	.32656	.50423	.20317	3.7489	2.1083	.22280	1.6957
#2	1.0074	.32845	.50146	.20305	3.7451	2.1097	.22190	1.6840
#3	1.0077	.32511	.49798	.20200	3.7273	2.1142	.22222	1.6677

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	1.5362	.15729	1.7399	.27403	1.9135	2.7924	34.665
Stddev	.0042	.00037	.0151	.00020	.0114	.0194	.053
%RSD	.27629	.23487	.86743	.07239	.59812	.69441	.15299

#1	1.5313	.15686	1.7559	.27381	1.9253	2.8014	34.724
#2	1.5383	.15753	1.7378	.27412	1.9127	2.8057	34.648
#3	1.5389	.15747	1.7259	.27417	1.9024	2.7702	34.622

Sample Name: S3 Acquired: 08/15/2019 12:24:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1324.0	2203.2	29042.	5056.9	2511.2
Stddev	8.9	1.4	119.	44.9	3.3
%RSD	.67433	.06484	.41006	.88839	.13086
#1	1315.7	2203.5	28991.	5012.8	2508.1
#2	1322.8	2201.7	28957.	5055.2	2511.0
#3	1333.5	2204.5	29178.	5102.6	2514.6

Sample Name: S4 Acquired: 08/15/2019 12:27:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.37392	.44839	6.6998	.71357	1.1410	17.065	51.252	3.5972
Stddev	.00116	.00138	.0071	.00064	.0006	.036	.258	.0303
%RSD	.30916	.30807	.10608	.08956	.05621	.21194	.50419	.84312

#1	.37521	.44947	6.7002	.71387	1.1403	17.104	51.528	3.6232
#2	.37355	.44886	6.6924	.71283	1.1414	17.034	51.211	3.6045
#3	.37299	.44683	6.7066	.71400	1.1414	17.056	51.017	3.5639

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	9.5114	24.224	3.8436	2.7710	4.3552	6.4904	16.221	3.9715
Stddev	.0215	.114	.0188	.0027	.0056	.0322	.100	.0112
%RSD	.22564	.46911	.48943	.09824	.12770	.49658	.61800	.28098

#1	9.5077	24.350	3.8572	2.7681	4.3546	6.5248	16.332	3.9814
#2	9.4920	24.192	3.8514	2.7712	4.3500	6.4855	16.192	3.9736
#3	9.5345	24.129	3.8221	2.7735	4.3611	6.4609	16.138	3.9594

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	1.9808	.65800	.99675	.39747	7.6259	4.2285	.43940	3.3287
Stddev	.0005	.00040	.00472	.00094	.0275	.0066	.00078	.0273
%RSD	.02524	.06038	.47352	.23625	.36007	.15681	.17682	.82025

#1	1.9804	.65828	1.0020	.39823	7.6397	4.2263	.44016	3.3520
#2	1.9813	.65754	.99529	.39775	7.5942	4.2233	.43944	3.3355
#3	1.9806	.65816	.99293	.39642	7.6436	4.2360	.43861	3.2986

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	3.0821	.30953	3.3366	.54328	3.7463	5.5624	66.911
Stddev	.0021	.00187	.0279	.00040	.0057	.0423	.416
%RSD	.06860	.60452	.83669	.07410	.15197	.76083	.62197

#1	3.0807	.31169	3.3613	.54331	3.7517	5.6065	67.388
#2	3.0811	.30853	3.3423	.54286	3.7404	5.5588	66.720
#3	3.0845	.30837	3.3063	.54366	3.7468	5.5221	66.624

Sample Name: S4 Acquired: 08/15/2019 12:27:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1242.5	2108.4	28293.	4967.1	2462.7
Stddev	4.2	4.3	44.	19.6	3.8
%RSD	.33841	.20218	.15478	.39406	.15434
#1	1239.4	2112.2	28260.	4945.5	2466.3
#2	1247.3	2109.2	28343.	4972.0	2463.1
#3	1240.9	2103.8	28277.	4983.8	2458.7

Sample Name: S5 Acquired: 08/15/2019 12:31:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.78677	.91325	13.719	1.4762	2.4301	35.088	101.30	7.2342
Stddev	.00196	.00381	.018	.0019	.0008	.217	2.38	.0652
%RSD	.24956	.41742	.13320	.12940	.03466	.61784	2.3466	.90120

#1	.78903	.91645	13.720	1.4779	2.4292	34.837	98.568	7.1599
#2	.78571	.90903	13.700	1.4742	2.4305	35.218	102.42	7.2609
#3	.78556	.91426	13.736	1.4767	2.4307	35.208	102.91	7.2818

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	18.514	47.986	7.6025	5.5509	8.7976	12.902	32.046	8.0047
Stddev	.036	.491	.0142	.0132	.0141	.085	.279	.0554
%RSD	.19197	1.0238	.18685	.23696	.16031	.65779	.86947	.69149

#1	18.511	47.424	7.6187	5.5480	8.7819	12.806	31.734	7.9418
#2	18.481	48.201	7.5967	5.5395	8.8017	12.932	32.133	8.0263
#3	18.551	48.332	7.5921	5.5653	8.8092	12.967	32.271	8.0460

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9422	1.3405	2.0392	.77896	16.452	8.6162	.88263	6.8048
Stddev	.0061	.0037	.0153	.00558	.089	.0230	.00458	.0561
%RSD	.15488	.27519	.75202	.71650	.54135	.26672	.51840	.82453

#1	3.9419	1.3444	2.0217	.77252	16.382	8.5925	.88503	6.7406
#2	3.9363	1.3371	2.0503	.78206	16.423	8.6384	.87736	6.8295
#3	3.9485	1.3401	2.0456	.78230	16.552	8.6179	.88551	6.8444

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	6.6347	.63025	6.5669	1.1269	7.7700	11.961	137.97
Stddev	.0106	.00140	.0552	.0026	.0508	.156	1.95
%RSD	.15912	.22259	.83989	.23427	.65328	1.3079	1.4117

#1	6.6453	.63186	6.5054	1.1279	7.7114	11.782	136.34
#2	6.6242	.62934	6.5835	1.1239	7.8009	12.030	140.13
#3	6.6346	.62954	6.6119	1.1289	7.7977	12.071	137.44

Sample Name: S5 Acquired: 08/15/2019 12:31:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	1117.5	1943.4	27625.	4900.3	2384.0
Stddev	8.4	1.9	38.	52.6	3.8
%RSD	.75579	.09863	.13688	1.0742	.15841
#1	1125.9	1941.7	27590.	4959.7	2384.2
#2	1117.6	1945.5	27665.	4881.5	2387.6
#3	1109.0	1943.1	27619.	4859.6	2380.1

Sample Name: S6 Acquired: 08/15/2019 12:35:48 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	95.493	77.304	35.141	13.582	5.7925
Stddev	2.217	1.520	.273	.102	.0294
%RSD	2.3218	1.9667	.77790	.75268	.50734

#1	94.962	76.697	35.015	13.541	5.7695
#2	93.590	76.181	34.953	13.507	5.7824
#3	97.928	79.034	35.454	13.699	5.8256

Int. Std.	Y_3710
Units	Cts/S
Avg	4824.6
Stddev	66.6
%RSD	1.3794

#1	4824.8
#2	4891.1
#3	4758.0

Sample Name: ICV Acquired: 08/15/2019 12:50:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.9159382	.9269620	.9519293	.9461961	.9584588	2.370866
Stddev	.0024284	.0037541	.0045439	.0054002	.0030525	.018253
%RSD	.2651254	.4049938	.4773354	.5707271	.3184790	.7698987

#1	.9147539	.9268698	.9467056	.9414332	.9619598	2.352383
#2	.9187315	.9232548	.9549671	.9450921	.9563548	2.388881
#3	.9143292	.9307614	.9541152	.9520630	.9570619	2.371334

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4915960	.4851636	.5414460	10.07548	.5246169	.5027812
Stddev	.0077725	.0033826	.0019894	.16400	.0011487	.0016902
%RSD	1.581073	.6972154	.3674277	1.627674	.2189644	.3361793

#1	.4864282	.4819781	.5391885	9.97267	.5253130	.5009351
#2	.5005346	.4887138	.5422065	10.26461	.5232910	.5042528
#3	.4878253	.4847987	.5429430	9.98916	.5252466	.5031557

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4709987	5.161062	.4917381	5.673500	.5211308	.4565764
Stddev	.0038979	.039193	.0040210	.067919	.0015468	.0018472
%RSD	.8275828	.7593998	.8177165	1.197124	.2968227	.4045767

#1	.4675301	5.124713	.4887202	5.606875	.5206887	.4544467
#2	.4702490	5.202585	.4963028	5.742642	.5228506	.4575399
#3	.4752170	5.155889	.4901912	5.670983	.5198532	.4577427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.403101	.5033658	1.002976	9.271816	F .0025284	F 1.397873
Stddev	.195416	.0049170	.004389	.064029	.0012274	.016427
%RSD	2.078205	.9768273	.4375828	.6905780	48.54449	1.175148

#1	9.619882	.5016645	.999052	9.235484	.0036930	1.403478
#2	9.348949	.5089076	1.002161	9.345747	.0026456	1.410763
#3	9.240472	.4995254	1.007715	9.234218	.0012466	1.379376

Sample Name: ICV Acquired: 08/15/2019 12:50:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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 1.284824	F .0043617	F 1.349263	F 1.353210	F 1.445482	F .0010203
Stddev	.024036	.0018039	.012469	.021259	.011965	.0010693
%RSD	1.870794	41.35806	.9241053	1.570979	.8277292	104.7976
#1	1.297787	.0061380	1.357996	1.361826	1.456726	.0000721
#2	1.299597	.0025313	1.354809	1.368808	1.446813	.0021793
#3	1.257089	.0044159	1.334983	1.328996	1.432908	.0008097

Elem	Sr4077
Units	ppm
Avg	F .0113983
Stddev	.0000432
%RSD	.3793689
#1	.0113993
#2	.0114411
#3	.0113546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.328	2315.390	29594.51	5121.242	2523.776
Stddev	9.650	6.382	134.74	56.448	7.565
%RSD	.6866629	.2756543	.4552990	1.102231	.2997470
#1	1407.337	2309.883	29682.24	5164.047	2522.000
#2	1394.831	2313.901	29439.37	5057.270	2517.257
#3	1413.814	2322.385	29661.94	5142.409	2532.071

Sample Name: ICB Acquired: 08/15/2019 13:02:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.0007114	-.000594	.0010512	.0007513	.0027493	-.005647	-.000273
Stddev	.0006605	.001329	.0024324	.0014580	.0011984	.011130	.000216
%RSD	92.84665	223.6967	231.3970	194.0571	43.58924	197.0957	79.16778

#1	-.000010	.000408	.0011671	.0013318	.0027464	.006686	-.000351
#2	.001286	-.002101	.0034235	-.000908	.0039492	-.008683	-.000440
#3	.000858	-.000089	-.001437	.001830	.0015524	-.014945	-.000029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000463	-.000116	-.013431	-.000030	-.000311	.0048010	.0050468
Stddev	.0000685	.000116	.008170	.000228	.000052	.0011256	.0142574
%RSD	147.9817	100.1843	60.83296	764.9366	16.81106	23.44502	282.5057

#1	.0000182	.000017	-.012407	.000105	-.000369	.0048119	-.008305
#2	.0001243	-.000198	-.005820	.000099	-.000296	.0059210	.020064
#3	-.000004	-.000165	-.022065	-.000293	-.000268	.0036699	.003382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002951	.0376014	-.000870	-.000056	.0582707	-.000111	-.000356
Stddev	.0003053	.0109795	.000281	.000042	.0419222	.002075	.000359
%RSD	103.4604	29.19970	32.32096	74.60032	71.94389	1877.889	100.8877

#1	.0004907	.0488777	-.001088	-.000020	.1065479	.002058	.000038
#2	.0004514	.0369818	-.000553	-.000046	.0372064	-.000311	-.000439
#3	-.000057	.0269449	-.000968	-.000102	.0310577	-.002078	-.000666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.098153	.0007673	.0019532	.0004362	-.010503	-.000363	-.000923
Stddev	.055224	.0011765	.0010573	.0002185	.003350	.000429	.000647
%RSD	56.26284	153.3314	54.13338	50.09650	31.89499	118.0395	70.09348

#1	-.103157	.0000245	.0031003	.0001882	-.014369	-.000005	-.001242
#2	-.150704	.0021237	.0017414	.0005199	-.008692	-.000838	-.000178
#3	-.040598	.0001537	.0010177	.0006004	-.008449	-.000247	-.001348

Sample Name: ICB Acquired: 08/15/2019 13:02:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	-.000505	.0006286	.0000498
Stddev	.001527	.0006322	.0000576
%RSD	302.1604	100.5821	115.8078

#1	.001073	.0013374	.0000965
#2	-.000615	.0001228	-.000015
#3	-.001974	.0004255	.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.906	2300.093	28997.76	4974.764	2453.578
Stddev	9.463	7.026	167.90	75.524	6.308
%RSD	.6793949	.3054637	.5790081	1.518141	.2570915

#1	1382.261	2300.452	28809.42	4893.435	2448.019
#2	1396.092	2306.932	29131.77	5042.688	2460.433
#3	1400.365	2292.894	29052.09	4988.170	2452.281

Sample Name: K4188-06 Acquired: 08/15/2019 14:02:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110519	.0000311	1.636897	.0070263	.0034382	59.34937	.5579066
Stddev	.0015549	.0009337	.003067	.0009652	.0005684	.09638	.0028973
%RSD	14.06887	2999.624	.1873781	13.73688	16.53124	.1623967	.5193211

#1	.0119138	.0003580	1.637547	.0081326	.0033131	59.45662	.5586564
#2	.0119850	.0007575	1.633557	.0063568	.0040587	59.32145	.5603553
#3	.0092570	-.001022	1.639587	.0065894	.0029427	59.27003	.5547081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038599	.0005841	6.388886	.0835564	.0133212	.1992811	31.88442
Stddev	.0000481	.0000836	.021634	.0000085	.0001559	.0001683	.07880
%RSD	1.247568	14.32077	.3386178	.0101365	1.170340	.0844414	.2471425

#1	.0038564	.0006763	6.399555	.0835494	.0134767	.1993911	31.91465
#2	.0038136	.0005628	6.403112	.0835540	.0133219	.1990874	31.94363
#3	.0039097	.0005131	6.363990	.0835658	.0131649	.1993649	31.79498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2671043	8.235980	.0654265	-.000069	.1657239	.2604102	.3756341
Stddev	.0010499	.015603	.0001913	.000286	.1020728	.0041483	.0036482
%RSD	.3930638	.1894496	.2923957	411.5955	61.59209	1.592969	.9711977

#1	.2665667	8.220420	.0655950	-.000347	.0633308	.2648019	.3758579
#2	.2683141	8.251626	.0654660	-.000086	.2674733	.2598705	.3718792
#3	.2664321	8.235894	.0652186	.000224	.1663675	.2565583	.3791652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.510752	2.346724	.0100845	.0049602	6.777420	5.263962	.0100233
Stddev	.053872	.005436	.0009020	.0001171	.036786	.052933	.0009363
%RSD	1.534491	.2316424	8.944254	2.361502	.5427802	1.005576	9.340752

#1	3.482590	2.351946	.0098991	.0048968	6.819576	5.272269	.0109998
#2	3.572868	2.347130	.0092895	.0048883	6.760858	5.207367	.0091333
#3	3.476797	2.341097	.0110647	.0050953	6.751826	5.312251	.0099368

Sample Name: K4188-06 Acquired: 08/15/2019 14:02:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4770953	.0546735	.0580262
Stddev	.0038258	.0007853	.0003408
%RSD	.8018881	1.436409	.5872698

#1	.4802947	.0538558	.0576719
#2	.4781336	.0554218	.0580550
#3	.4728575	.0547429	.0583516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.451	2523.196	32212.77	5597.670	2598.617
Stddev	6.846	6.358	127.05	24.648	1.004
%RSD	.4455994	.2519909	.3944100	.4403329	.0386197

#1	1528.573	2519.444	32091.84	5574.172	2598.527
#2	1539.813	2519.607	32201.30	5595.511	2597.662
#3	1540.966	2530.537	32345.16	5623.327	2599.663

Sample Name: ICSA Acquired: 08/15/2019 13:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.0023501	.0017670	-.002590	.0071775	.0011983	245.3748
Stddev	.0012201	.0011977	.001775	.0022606	.0012813	1.4018
%RSD	51.91932	67.78077	68.54563	31.49484	106.9214	.5712732

#1	.0027308	.0028122	-.000567	.0049061	.0004185	246.9804
#2	.0009850	.0004601	-.003887	.0094270	.0026770	244.3945
#3	.0033344	.0020285	-.003316	.0071995	.0004994	244.7496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067025	.0012586	-.001032	261.9350	.0505605	.0001462
Stddev	.0002452	.0000350	.000080	3.6031	.0006154	.0004437
%RSD	3.658484	2.780463	7.765499	1.375567	1.217167	303.5931

#1	.0067954	.0012449	-.000941	265.9259	.0511455	.0005392
#2	.0068877	.0012984	-.001062	258.9213	.0499186	.0002343
#3	.0064244	.0012325	-.001093	260.9577	.0506175	-.000335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037520	104.2664	.0154955	260.0314	-.001135	-.001027
Stddev	.0025198	.9389	.0002798	2.4447	.000631	.000870
%RSD	67.15981	.9004943	1.805338	.9401506	55.59706	84.75201

#1	.0053945	105.1011	.0158151	262.3646	-.000964	-.001036
#2	.0050106	103.2499	.0153764	257.4887	-.000607	-.001893
#3	.0008508	104.4483	.0152951	260.2410	-.001834	-.000152

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.765915	.0010624	-.000115	-.123013	.0067508	-.007134
Stddev	.261489	.0033969	.000894	.092021	.0009679	.002074
%RSD	34.14072	319.7347	774.8519	74.80543	14.33753	29.07157

#1	-.487290	.0038346	.000780	-.028004	.0078623	-.009442
#2	-.804469	-.002727	-.001007	-.211721	.0060933	-.005428
#3	-1.00599	.002079	-.000118	-.129315	.0062969	-.006530

Sample Name: ICSA Acquired: 08/15/2019 13:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.0001803	F .0004064	F -.001054	-.005908	F -.001343	W -.000721
Stddev	.0003038	.0016053	.000972	.001729	.001260	.001481
%RSD	168.4726	395.0451	92.19613	29.26368	93.81094	205.3814

#1	-.000166	.0004065	-.002147	-.004845	-.000287	-.002309
#2	.000304	-.001199	-.000288	-.007903	-.002738	.000622
#3	.000402	.002012	-.000727	-.004976	-.001004	-.000477

Elem	Sr4077
Units	ppm
Avg	F .1021843
Stddev	.0003570
%RSD	.3493431

#1	.1023598
#2	.1024194
#3	.1017735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.306	2236.097	28262.31	4910.494	2469.870
Stddev	8.141	.840	40.74	59.213	2.387
%RSD	.6110112	.0375457	.1441446	1.205842	.0966484

#1	1339.223	2236.678	28244.61	4847.157	2467.354
#2	1334.361	2236.478	28233.42	4964.467	2472.102
#3	1323.335	2235.134	28308.91	4919.856	2470.155

Sample Name: ICSAB Acquired: 08/15/2019 13:18:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.0957130	.1098004	.0495873	.0577085	.6351602	243.3918
Stddev	.0054534	.0033247	.0017518	.0026829	.0032070	.5942
%RSD	5.697694	3.027945	3.532680	4.649028	.5049120	.2441496

#1	.0894666	.1101468	.0516090	.0598890	.6332200	242.9679
#2	.0995268	.1063160	.0486310	.0585240	.6333988	243.1364
#3	.0981456	.1129383	.0485218	.0547125	.6388619	244.0710

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5302153	.5133794	1.075533	258.7526	.5758532	.5219550
Stddev	.0037342	.0067638	.003538	1.0698	.0001957	.0011144
%RSD	.7042856	1.317511	.3289125	.4134537	.0339752	.2135078

#1	.5259484	.5063058	1.072383	257.5303	.5760727	.5213628
#2	.5328868	.5197837	1.074855	259.2089	.5756972	.5212617
#3	.5318107	.5140487	1.079360	259.5187	.5757897	.5232405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4756458	103.1434	.5306246	257.2094	1.044852	.2062147
Stddev	.0009924	.2749	.0018840	.4643	.002785	.0014954
%RSD	.2086427	.2664900	.3550507	.1804963	.2665828	.7251489

#1	.4751223	102.8803	.5284601	256.7755	1.045972	.2079413
#2	.4767903	103.1211	.5318950	257.1537	1.041681	.2053307
#3	.4750247	103.4287	.5315188	257.6990	1.046902	.2053723

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.533485	.5190003	1.047036	-.307329	.0056728	-.006641
Stddev	.151568	.0075657	.018382	.047688	.0014115	.001800
%RSD	28.41099	1.457745	1.755603	15.51685	24.88225	27.10656

#1	-.378643	.5103077	1.066058	-.334916	.0065565	-.005725
#2	-.681552	.5225923	1.029369	-.252264	.0040449	-.008715
#3	-.540260	.5241008	1.045682	-.334807	.0064169	-.005483

Sample Name: ICSAB Acquired: 08/15/2019 13:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) 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	.0000654	F .0032907	F -.001441	-.005450	F -.002346	W -.001025
Stddev	.0010787	.0023228	.001566	.000640	.000423	.002105
%RSD	1649.839	70.58633	108.7181	11.74107	18.03004	205.3727
#1	-.000603	.0006118	.000263	-.005938	-.002826	-.002550
#2	.001310	.0047437	-.002818	-.004725	-.002184	-.001901
#3	-.000511	.0045167	-.001767	-.005685	-.002028	.001377

Elem	Sr4077
Units	ppm
Avg	F .1016337
Stddev	.0002498
%RSD	.2458158
#1	.1017885
#2	.1017671
#3	.1013455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.826	2247.246	28420.63	5022.034	2470.353
Stddev	17.121	1.352	316.43	15.392	5.440
%RSD	1.282665	.0601722	1.113370	.3064807	.2202080
#1	1315.056	2247.904	28058.87	5033.717	2470.639
#2	1344.746	2248.143	28557.04	5004.593	2475.644
#3	1344.676	2245.691	28645.96	5027.790	2464.776

Sample Name: CCV040 Acquired: 08/15/2019 13:22:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.759311	5.016959	24.71402	4.812967	4.922290	406.6325	9.995008
Stddev	.017238	.014183	.06707	.009052	.008162	8.2524	.103821
%RSD	.3621865	.2826983	.2713890	.1880839	.1658222	2.029440	1.038730

#1	4.743717	5.023896	24.69078	4.820588	4.916744	410.2876	10.02427
#2	4.756395	5.000642	24.66166	4.802960	4.931663	412.4261	10.08106
#3	4.777820	5.026338	24.78962	4.815353	4.918464	397.1838	9.87970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4917194	2.426153	411.7793	14.95816	2.482994	14.75152	411.9582
Stddev	.0029527	.007972	4.8865	.01368	.003661	.06225	4.2486
%RSD	.6004777	.3285681	1.186676	.0914701	.1474474	.4219770	1.031321

#1	.4907461	2.424220	413.0389	14.97381	2.480024	14.72530	411.8033
#2	.4950359	2.419325	415.9127	14.95224	2.481873	14.82259	416.2821
#3	.4893763	2.434913	406.3864	14.94843	2.487084	14.70667	407.7892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80199	401.8631	2.457855	1.263015	399.3222	2.477065	14.80885
Stddev	.17345	4.3464	.001791	.009589	3.6289	.024247	.02260
%RSD	1.171807	1.081558	.0728738	.7591982	.9087764	.9788626	.1526138

#1	14.80414	402.2744	2.458243	1.273054	399.3171	2.479913	14.78518
#2	14.97436	405.9893	2.459420	1.262040	402.9537	2.499762	14.81115
#3	14.62748	397.3257	2.455902	1.253951	395.6958	2.451519	14.83020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8954	4.957885	4.881096	4.716344	4.922913	4.861315	4.869997
Stddev	.7999	.010668	.043845	.005140	.029686	.031456	.004277
%RSD	.5336413	.2151650	.8982650	.1089725	.6030119	.6470610	.0878156

#1	150.0303	4.965112	4.888124	4.718106	4.929373	4.858021	4.866993
#2	150.6192	4.945633	4.921003	4.710555	4.890530	4.894287	4.868105
#3	149.0366	4.962911	4.834161	4.720371	4.948837	4.831635	4.874893

Sample Name: CCV040 Acquired: 08/15/2019 13:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.830579	4.896280	4.897349
Stddev	.041352	.062933	.080549
%RSD	.8560384	1.285322	1.644740

#1	4.826968	4.900771	4.946936
#2	4.873618	4.956847	4.940702
#3	4.791152	4.831222	4.804409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.148	2105.262	27919.83	4896.830	2441.756
Stddev	2.717	4.159	253.47	48.269	6.900
%RSD	.2234011	.1975303	.9078418	.9857248	.2825751

#1	1213.759	2106.208	27651.45	4882.429	2444.173
#2	1219.104	2108.867	27952.91	4857.401	2447.122
#3	1215.582	2100.712	28155.14	4950.661	2433.973

Sample Name: K4216-22 Acquired: 08/15/2019 17:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643727	.0050460	.1305959	.0088406	.0039955	85.64240
Stddev	.0018261	.0018747	.0012056	.0019398	.0009371	.16768
%RSD	2.836816	37.15170	.9231587	21.94208	23.45238	.1957898

#1	.0627333	.0031612	.1303874	.0067387	.0029374	85.70268
#2	.0640440	.0050666	.1318921	.0092213	.0043291	85.45291
#3	.0663409	.0069104	.1295081	.0105619	.0047202	85.77161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5905806	.0067087	-.000248	F 934.2239	.1307759	.1151856
Stddev	.0016123	.0000738	.000041	8.4760	.0013719	.0003170
%RSD	.2730082	1.100010	16.72117	.9072724	1.049036	.2752191

#1	.5923438	.0066897	-.000205	940.1104	.1317756	.1149784
#2	.5891813	.0066463	-.000250	924.5091	.1313401	.1150278
#3	.5902167	.0067902	-.000288	938.0523	.1292118	.1155505

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611031	195.9948	4.818469	214.9992	.3065395	-.001598
Stddev	.0009017	.4526	.012192	.5797	.0003416	.000348
%RSD	.3453395	.2309340	.2530174	.2696164	.1114322	21.77972

#1	.2621438	196.4977	4.830020	215.4161	.3061471	-.001322
#2	.2605562	195.6202	4.819664	214.3373	.3067008	-.001483
#3	.2606092	195.8664	4.805725	215.2443	.3067705	-.001989

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4496725	.1969469	.5153256	14.89310	5.918810	.0772404
Stddev	.2192168	.0007131	.0026056	.06603	.007426	.0010085
%RSD	48.75033	.3620929	.5056193	.4433759	.1254635	1.305669

#1	.6798192	.1961514	.5144950	14.85420	5.922415	.0764476
#2	.4258698	.1971603	.5182452	14.85575	5.910270	.0768982
#3	.2433283	.1975290	.5132366	14.96934	5.923745	.0783755

Sample Name: K4216-22 Acquired: 08/15/2019 17:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227631	22.43355	3.628320	.0020655	.8983043	.1896376
Stddev	.0003297	.08866	.051527	.0022450	.0051297	.0016246
%RSD	1.448251	.3952001	1.420125	108.6908	.5710395	.8566633
#1	.0226333	22.34589	3.635239	.0001874	.8951321	.1879727
#2	.0225181	22.43159	3.676038	.0045520	.8955583	.1897215
#3	.0231379	22.52317	3.573684	.0014572	.9042224	.1912186

Elem	Sr4077
Units	ppm
Avg	1.043845
Stddev	.003505
%RSD	.3357425
#1	1.046073
#2	1.039805
#3	1.045656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.635	2551.213	32351.07	5619.643	2450.447
Stddev	14.096	4.560	45.52	34.516	7.020
%RSD	.9380829	.1787406	.1407009	.6142033	.2864895
#1	1496.233	2550.416	32298.81	5595.738	2450.667
#2	1518.796	2556.119	32372.35	5659.214	2457.355
#3	1492.877	2547.104	32382.06	5603.977	2443.320

Sample Name: CCB040 Acquired: 08/15/2019 13:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000248	.0005531	.0007141	.0010451	-.000238	.0094202	.0005893
Stddev	.003415	.0010733	.0005192	.0007034	.001503	.0023288	.0003325
%RSD	1379.202	194.0577	72.70810	67.30380	631.3006	24.72149	56.41750

#1	-.002883	-.000260	.0006412	.0004386	.000765	.0120342	.0002746
#2	-.001471	.000150	.0002352	.0018161	.000486	.0075667	.0009371
#3	.003611	.001770	.0012659	.0008804	-.001966	.0086596	.0005563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000135	-.000077	.0149297	.0006788	-.000211	.0053379	.0212421
Stddev	.0000704	.000057	.0136310	.0002638	.000320	.0021342	.0039649
%RSD	522.5294	73.86828	91.30136	38.86009	151.5699	39.98118	18.66550

#1	.0000433	-.000066	.0046297	.0009529	.000149	.0062623	.0257610
#2	.0000640	-.000138	.0303869	.0004268	-.000319	.0068540	.0183460
#3	-.000067	-.000026	.0097726	.0006567	-.000463	.0028974	.0196192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004232	.0201740	-.000346	-.000386	-.126772	.0015156	-.000818
Stddev	.0001095	.0164371	.000380	.000177	.210934	.0020076	.000940
%RSD	25.86202	81.47643	109.8815	45.93838	166.3894	132.4645	114.8193

#1	.0005048	.0049518	-.000439	-.000395	-.368306	.0034410	-.001861
#2	.0002988	.0179674	.000072	-.000558	.021185	-.000565	-.000037
#3	.0004660	.0376030	-.000672	-.000204	-.033194	.001671	-.000557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677297	-.001071	.0095918	.0010616	-.004067	-.000784	.0000085
Stddev	.0282963	.000772	.0005189	.0002452	.001922	.000741	.0019234
%RSD	41.77830	72.12112	5.410162	23.10210	47.24488	94.53146	22683.68

#1	.0594218	-.000544	.0101798	.0009479	-.002369	-.000447	.0018379
#2	.0992500	-.001958	.0093978	.0008937	-.003680	-.001633	-.001997
#3	.0445173	-.000711	.0091979	.0013430	-.006153	-.000271	.000184

Sample Name: CCB040 Acquired: 08/15/2019 13:26:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005552	.0015779	.0001642
Stddev	.0008304	.0008667	.0000570
%RSD	149.5670	54.92525	34.73320

#1	-.000396	.0017684	.0001096
#2	.000929	.0023335	.0002234
#3	.001133	.0006318	.0001597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.588	2312.209	29316.24	5026.291	2474.151
Stddev	5.454	3.161	75.55	45.353	6.797
%RSD	.3902352	.1367284	.2576960	.9023060	.2747265

#1	1391.295	2315.130	29232.02	5063.559	2478.342
#2	1400.544	2312.644	29338.67	4975.795	2477.803
#3	1400.926	2308.852	29378.04	5039.517	2466.309

Sample Name: PB122292BL Acquired: 08/15/2019 13:30:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS292 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000930	.0031494	.0020628	-.001176	.0013660	-.004880	.0000235
Stddev	.002763	.0008979	.0001890	.002172	.0013325	.006407	.0002893
%RSD	297.0678	28.50922	9.160059	184.6997	97.54728	131.2866	1233.407

#1	-.003840	.0041030	.0022792	-.002390	.0000479	-.006960	-.000303
#2	.001658	.0030250	.0019303	-.002470	.0027124	.002308	.000124
#3	-.000608	.0023203	.0019789	.001332	.0013377	-.009988	.000249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000364	-.000077	.0058326	.0001446	-.000125	.0031041	.0121224
Stddev	.0000647	.000049	.0132993	.0003835	.000305	.0009730	.0042125
%RSD	177.9172	63.41248	228.0150	265.1989	243.8849	31.34416	34.75002

#1	.0000386	-.000022	.0101616	-.000068	-.000249	.0041079	.0083752
#2	.0000999	-.000093	.0164281	-.000086	.000222	.0030393	.0166820
#3	-.000029	-.000115	-.009092	.000587	-.000348	.0021652	.0113101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000687	.0226421	-.000629	-.000205	-.297935	-.000514	-.000448
Stddev	.0003950	.0191147	.000446	.000372	.115684	.002965	.000833
%RSD	574.6697	84.42106	70.94237	181.7107	38.82844	576.5482	185.9996

#1	.0000810	.0105684	-.000652	.000223	-.407069	-.000079	-.000378
#2	-.000332	.0446803	-.000171	-.000449	-.310076	.002209	-.001313
#3	.000457	.0126777	-.001062	-.000387	-.176660	-.003672	.000348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008447	.0003974	.0048074	.0005270	-.009963	-.000949	-.002420
Stddev	.089590	.0018551	.0016726	.0003071	.000900	.000471	.000781
%RSD	1060.638	466.8399	34.79241	58.27307	9.038414	49.62131	32.25468

#1	-.082580	-.001037	.0057307	.0008797	-.010416	-.000422	-.001521
#2	.091106	.002492	.0058150	.0003820	-.010547	-.001095	-.002924
#3	-.033866	-.000263	.0028767	.0003192	-.008926	-.001330	-.002816

Sample Name: PB122292BL Acquired: 08/15/2019 13:30:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS292 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000543	-.003432	.0000601
Stddev	.001042	.001193	.0000249
%RSD	191.8256	34.76738	41.35971

#1	.000383	-.002349	.0000315
#2	-.001671	-.004712	.0000721
#3	-.000342	-.003236	.0000767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.825	2308.218	29210.59	5064.634	2462.981
Stddev	8.279	.607	28.46	33.406	4.039
%RSD	.5888924	.0262893	.0974299	.6595885	.1640044

#1	1407.055	2308.792	29180.50	5102.225	2465.299
#2	1413.420	2308.278	29214.21	5038.347	2465.326
#3	1397.000	2307.583	29237.07	5053.330	2458.316

Sample Name: PB122292BS Acquired: 08/15/2019 13:34:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS292 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214228	.0532631	.0240723	.0731331	.1348686	.4272177
Stddev	.0010645	.0019528	.0003726	.0009445	.0015611	.0048450
%RSD	4.969039	3.666252	1.547885	1.291472	1.157500	1.134084

#1	.0203344	.0513731	.0241228	.0740704	.1337558	.4324691
#2	.0224617	.0531432	.0244171	.0731475	.1341969	.4262627
#3	.0214722	.0552731	.0236771	.0721815	.1366532	.4229213

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4343255	.0111169	.0119753	11.36910	.0243674	.1087092
Stddev	.0024998	.0001138	.0000795	.05356	.0001493	.0000960
%RSD	.5755692	1.023863	.6637347	.4711313	.6126809	.0883494

#1	.4370395	.0111378	.0118891	11.42189	.0244302	.1085991
#2	.4338196	.0112189	.0120457	11.37062	.0244750	.1087526
#3	.4321172	.0109941	.0119911	11.31479	.0241969	.1087758

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490409	.2292969	.0346460	10.60519	.0909980	.0212638
Stddev	.0025747	.0082716	.0003718	.08694	.0003416	.0004667
%RSD	5.250040	3.607364	1.073121	.8197804	.3753493	2.194645

#1	.0506071	.2378548	.0345390	10.52464	.0910891	.0217347
#2	.0504463	.2286909	.0350596	10.69735	.0912847	.0208014
#3	.0460694	.2213450	.0343395	10.59358	.0906201	.0212554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11668	.1114520	.1329242	10.46263	.0224504	F .0233804
Stddev	.17047	.0025304	.0017439	.04489	.0016609	.0008059
%RSD	1.685059	2.270394	1.311925	.4290809	7.398129	3.447049

#1	10.03649	.1088373	.1342289	10.42701	.0211381	.0230932
#2	10.31246	.1116299	.1309436	10.44782	.0218952	.0227573
#3	10.00109	.1138888	.1336003	10.51305	.0243177	.0242905

Sample Name: PB122292BS Acquired: 08/15/2019 13:34:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS292 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209765	.2025734	.2099309	.0121998	.2143737	F .1039029
Stddev	.0003660	.0020008	.0010240	.0017059	.0012665	.0004649
%RSD	1.744637	.9876694	.4877923	13.98311	.5907989	.4473949
#1	.0209511	.2047907	.2099821	.0110253	.2151191	.1034236
#2	.0213545	.2009029	.2109283	.0141566	.2129114	.1043518
#3	.0206239	.2020267	.2088822	.0114176	.2150907	.1039334

Elem	Sr4077
Units	ppm
Avg	.2161797
Stddev	.0007140
%RSD	.3302818
#1	.2169980
#2	.2156835
#3	.2158576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.973	2321.583	29471.48	5101.558	2534.874
Stddev	8.224	7.080	122.28	19.603	6.610
%RSD	.5853380	.3049478	.4149092	.3842518	.2607560
#1	1395.518	2318.603	29342.70	5088.513	2532.608
#2	1408.938	2329.665	29485.71	5092.060	2542.318
#3	1410.464	2316.481	29586.01	5124.100	2529.695

Sample Name: K4188-02 Acquired: 08/15/2019 13:42:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102229	.0022087	.0827909	.0058605	.0001021	93.28276	.3499109
Stddev	.0001449	.0037746	.0007416	.0018048	.0012971	.13243	.0010033
%RSD	1.417181	170.9021	.8957571	30.79556	1271.113	.1419657	.2867206

#1	.0102863	-.001429	.0823821	.0056046	-.000555	93.23850	.3492956
#2	.0100572	.001949	.0823437	.0077795	.001596	93.17813	.3510686
#3	.0103253	.006106	.0836469	.0041973	-.000735	93.43166	.3493684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022269	-.001012	.6313501	.1131425	.0100088	.0278069	57.99171
Stddev	.0000959	.000090	.0099664	.0009219	.0001684	.0022903	.12432
%RSD	4.305980	8.858973	1.578582	.8147763	1.681996	8.236260	.2143814

#1	.0023286	-.001075	.6199056	.1140831	.0101045	.0301016	57.84944
#2	.0022139	-.000909	.6381195	.1131039	.0101075	.0277978	58.07940
#3	.0021382	-.001052	.6360252	.1122406	.0098144	.0255211	58.04631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560892	3.917456	.0349756	-.000704	.3600685	.1289174	.1005920
Stddev	.0003692	.021606	.0002528	.000185	.1826053	.0028579	.0015033
%RSD	.6581508	.5515366	.7227090	26.28894	50.71405	2.216866	1.494473

#1	.0560741	3.932084	.0347272	-.000790	.4063471	.1284987	.0989837
#2	.0557279	3.927645	.0352325	-.000492	.5150821	.1262919	.1019618
#3	.0564657	3.892639	.0349670	-.000831	.1587765	.1319616	.1008305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.533707	.2755599	.0098208	.0010360	1.950831	7.619967	.0039356
Stddev	.031677	.0002431	.0016712	.0004822	.013150	.158926	.0001309
%RSD	2.065412	.0882247	17.01713	46.54739	.6740465	2.085651	3.326042

#1	1.566334	.2757217	.0081829	.0007059	1.941796	7.785497	.0038423
#2	1.503073	.2756778	.0097561	.0015894	1.965917	7.605811	.0040852
#3	1.531713	.2752804	.0115234	.0008127	1.944781	7.468592	.0038792

Sample Name: K4188-02 Acquired: 08/15/2019 13:42:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4530608	.0785239	.0265394
Stddev	.0094751	.0012478	.0001299
%RSD	2.091360	1.589018	.4892966

#1	.4612895	.0798627	.0266448
#2	.4427019	.0783157	.0263943
#3	.4551909	.0773934	.0265790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.410	2476.179	31400.90	5451.052	2590.934
Stddev	6.849	3.635	43.24	7.171	1.822
%RSD	.4534812	.1467838	.1377030	.1315452	.0703306

#1	1518.104	2474.052	31411.08	5445.245	2591.216
#2	1508.147	2480.376	31353.47	5459.067	2592.598
#3	1504.978	2474.110	31438.14	5448.845	2588.987

Sample Name: K4188-01 Acquired: 08/15/2019 13:38:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206422	.0014964	.1139124	.0073627	-.001113	54.34505	.3664107
Stddev	.0024876	.0024658	.0026561	.0010655	.000470	.26286	.0027439
%RSD	12.05087	164.7817	2.331673	14.47191	42.21414	.4836803	.7488650

#1	.0216370	-.000607	.1139875	.0068227	-.001627	54.54385	.3686165
#2	.0224785	.004210	.1112195	.0085901	-.001008	54.44429	.3672777
#3	.0178112	.000886	.1165300	.0066753	-.000705	54.04703	.3633381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026411	.0005329	8.766819	.0753511	.0119381	.0623008	47.85159
Stddev	.0001256	.0001529	.071118	.0007350	.0003077	.0007310	.22073
%RSD	4.756280	28.68962	.8112213	.9754318	2.577522	1.173268	.4612801

#1	.0026682	.0006932	8.833248	.0746167	.0120822	.0629474	48.06542
#2	.0027510	.0003887	8.775417	.0760866	.0121473	.0615077	47.86480
#3	.0025042	.0005169	8.691793	.0753500	.0115848	.0624475	47.62456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3590050	5.274287	.0363924	-.000162	.0950393	.1136321	.2376393
Stddev	.0032013	.030739	.0003103	.000295	.2896122	.0018343	.0016242
%RSD	.8917139	.5828135	.8525353	182.1750	304.7291	1.614240	.6834859

#1	.3624367	5.308561	.0360350	-.000343	-.090354	.1151523	.2393314
#2	.3584791	5.249157	.0365508	.000178	-.053298	.1141493	.2360928
#3	.3560992	5.265144	.0365916	-.000321	.428770	.1115947	.2374937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.705047	1.845004	.0098886	.0012998	2.565046	4.854005	.0040095
Stddev	.076652	.005442	.0002880	.0001452	.007269	.071787	.0018323
%RSD	4.495592	.2949756	2.912436	11.17153	.2833775	1.478918	45.69830

#1	1.700857	1.841595	.0099186	.0013030	2.557056	4.934765	.0035655
#2	1.630575	1.842137	.0095868	.0011530	2.571267	4.829805	.0060231
#3	1.783707	1.851281	.0101604	.0014434	2.566815	4.797447	.0024401

Sample Name: K4188-01 Acquired: 08/15/2019 13:38:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3302055	.0425384	.0642779
Stddev	.0139756	.0003800	.0005916
%RSD	4.232391	.8933509	.9204080

#1	.3458709	.0423664	.0649027
#2	.3190167	.0429740	.0642046
#3	.3257289	.0422748	.0637263

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.415	2531.987	32254.99	5543.856	2600.071
Stddev	5.776	4.207	19.49	25.244	2.484
%RSD	.3745011	.1661716	.0604245	.4553538	.0955331

#1	1543.335	2531.292	32247.99	5525.258	2599.261
#2	1536.234	2536.499	32277.02	5533.716	2602.858
#3	1547.677	2528.171	32239.97	5572.594	2598.092

Sample Name: K4188-03 Acquired: 08/15/2019 13:46:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119308	-.000581	1.178039	.0056721	.0044361	63.79742	.5057959
Stddev	.0016688	.001525	.003965	.0010060	.0017025	.12700	.0009598
%RSD	13.98755	262.5527	.3365622	17.73577	38.37768	.1990621	.1897631

#1	.0123684	.001028	1.173468	.0055296	.0032384	63.71154	.5047591
#2	.0100868	-.002006	1.180098	.0047449	.0063850	63.73743	.5059752
#3	.0133372	-.000764	1.180551	.0067417	.0036849	63.94330	.5066535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042875	.0010390	8.370367	.0779737	.0121850	.1981554	28.44455
Stddev	.0000901	.0000872	.002946	.0007363	.0002464	.0031664	.05515
%RSD	2.101172	8.395483	.0351984	.9443064	2.022173	1.597923	.1939025

#1	.0042874	.0011395	8.372767	.0786789	.0121153	.1945128	28.38399
#2	.0041974	.0009821	8.367079	.0772098	.0119809	.1997030	28.49190
#3	.0043776	.0009956	8.371256	.0780325	.0124587	.2002502	28.45776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020304	6.684632	.0551390	.0002656	.3258425	.2430304	.4887010
Stddev	.0004344	.021512	.0001687	.0002012	.1536283	.0025522	.0012039
%RSD	.2149984	.3218104	.3059990	75.76449	47.14802	1.050169	.2463429

#1	.2022952	6.662695	.0551449	.0000936	.3030651	.2437507	.4899941
#2	.2022669	6.685510	.0549675	.0004868	.1848745	.2451451	.4884962
#3	.2015291	6.705692	.0553047	.0002162	.4895878	.2401954	.4876126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.715854	1.961759	.0094868	.0053081	6.350028	5.093676	.0092987
Stddev	.021239	.005994	.0004552	.0003091	.016167	.122492	.0008576
%RSD	.7820451	.3055176	4.798796	5.822242	.2546010	2.404781	9.222537

#1	2.691629	1.964379	.0089882	.0055994	6.337681	5.077869	.0101938
#2	2.724660	1.954902	.0098805	.0053411	6.344075	4.979855	.0084843
#3	2.731275	1.965998	.0095917	.0049839	6.368327	5.223304	.0092180

Sample Name: K4188-03 Acquired: 08/15/2019 13:46:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3583230	.0543520	.0644183
Stddev	.0244212	.0022212	.0001372
%RSD	6.815405	4.086729	.2129640

#1	.3575576	.0525957	.0642732
#2	.3831178	.0568489	.0645458
#3	.3342935	.0536113	.0644358

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.077	2533.061	32560.44	5670.923	2591.255
Stddev	7.739	1.666	82.15	48.637	4.235
%RSD	.5011864	.0657572	.2523105	.8576525	.1634261

#1	1551.952	2534.887	32588.75	5724.262	2593.923
#2	1543.798	2531.625	32467.87	5659.478	2586.372
#3	1536.482	2532.672	32624.69	5629.030	2593.470

Sample Name: K4188-04 Acquired: 08/15/2019 13:50:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093129	-.002470	1.202321	.0077222	.0020637	63.42420	.5078366
Stddev	.0023077	.001409	.001868	.0013021	.0006038	.13055	.0010117
%RSD	24.77999	57.05828	.1553924	16.86200	29.26016	.2058441	.1992232

#1	.0084882	-.001276	1.200298	.0091346	.0027332	63.27414	.5067737
#2	.0075308	-.002109	1.202686	.0065695	.0015605	63.48673	.5087879
#3	.0119196	-.004025	1.203981	.0074626	.0018972	63.51173	.5079482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044028	.0009870	8.307289	.0779844	.0122282	.1972282	28.44961
Stddev	.0000823	.0000196	.003036	.0009971	.0002563	.0009159	.05569
%RSD	1.869324	1.986905	.0365514	1.278608	2.096308	.4644071	.1957374

#1	.0043474	.0009703	8.310374	.0768336	.0119622	.1962589	28.38901
#2	.0044973	.0009821	8.304303	.0785267	.0124736	.1980793	28.46130
#3	.0043636	.0010086	8.307191	.0785928	.0122487	.1973465	28.49852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2002623	6.631338	.0544192	.0001805	.3011343	.2432500	.5166690
Stddev	.0003513	.025146	.0003339	.0001224	.1282409	.0018210	.0031338
%RSD	.1754092	.3791949	.6136508	67.80289	42.58595	.7486143	.6065330

#1	.1998670	6.602324	.0542346	.0001784	.1600221	.2412039	.5202710
#2	.2005386	6.646804	.0542182	.0003039	.4105651	.2446926	.5151674
#3	.2003812	6.644887	.0548047	.0000592	.3328156	.2438536	.5145686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.700366	1.921695	.0087294	.0049067	6.286378	4.858728	.0077966
Stddev	.061517	.002859	.0005662	.0003177	.014516	.026559	.0005930
%RSD	2.278115	.1487635	6.486485	6.473731	.2309158	.5466223	7.605721

#1	2.700079	1.923779	.0093574	.0052438	6.274983	4.832355	.0083677
#2	2.638992	1.918436	.0082578	.0046130	6.302722	4.885469	.0078383
#3	2.762026	1.922870	.0085730	.0048634	6.281430	4.858362	.0071839

Sample Name: K4188-04 Acquired: 08/15/2019 13:50:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3540559	.0548245	.0639274
Stddev	.0061360	.0016410	.0002479
%RSD	1.733057	2.993214	.3877720

#1	.3609447	.0549087	.0636492
#2	.3520460	.0564218	.0640082
#3	.3491768	.0531430	.0641248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.946	2528.699	32528.80	5676.822	2587.854
Stddev	7.674	3.946	47.06	30.874	3.127
%RSD	.4954067	.1560650	.1446837	.5438602	.1208389

#1	1553.894	2526.562	32474.46	5699.586	2584.266
#2	1552.838	2533.253	32556.79	5689.201	2589.292
#3	1540.106	2526.282	32555.15	5641.680	2590.003

Sample Name: K4188-03LX5 Acquired: 08/15/2019 13:58:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034206	-.000026	.2406135	-.000565	.0005336	13.68685	.1090745
Stddev	.0036705	.002270	.0004180	.002604	.0023095	.05258	.0015225
%RSD	107.3054	8820.816	.1737046	461.2497	432.8127	.3841526	1.395844

#1	-.000525	.002409	.2401971	-.001198	.0030426	13.64744	.1081152
#2	.006734	-.000401	.2410330	.002298	-.001503	13.74655	.1108300
#3	.004053	-.002085	.2406103	-.002794	.000062	13.66655	.1082782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009585	.0001821	1.805078	.0167977	.0021922	.0427182	6.113903
Stddev	.0000042	.0000167	.015750	.0000536	.0001871	.0011073	.064825
%RSD	.4377351	9.161230	.8725184	.3187711	8.535288	2.592195	1.060282

#1	.0009547	.0001669	1.796588	.0168043	.0020848	.0438150	6.074836
#2	.0009630	.0001999	1.823251	.0167411	.0024082	.0427389	6.188732
#3	.0009579	.0001795	1.795394	.0168476	.0020835	.0416006	6.078141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434291	1.464374	.0110068	-.000078	.0155023	.0524753	.1014039
Stddev	.0007104	.038298	.0004933	.000363	.1659076	.0040007	.0028266
%RSD	1.635842	2.615292	4.481925	462.6607	1070.213	7.623925	2.787461

#1	.0431292	1.420166	.0104564	-.000437	-.008597	.0569361	.1040211
#2	.0442403	1.485514	.0111549	-.000087	.192142	.0492048	.1017843
#3	.0429177	1.487443	.0114091	.000289	-.137038	.0512852	.0984064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279304	.4111584	.0009715	.0012589	1.328470	1.093176	-.000100
Stddev	.0138454	.0042682	.0010104	.0003640	.007604	.047905	.002245
%RSD	2.622582	1.038078	104.0069	28.91536	.5723963	4.382221	2235.819

#1	.5199777	.4154765	.0007724	.0008467	1.336936	1.102775	.002397
#2	.5198959	.4110566	.0000754	.0013937	1.322219	1.135555	-.000748
#3	.5439177	.4069421	.0020666	.0015363	1.326255	1.041198	-.001950

Sample Name: K4188-03LX5 Acquired: 08/15/2019 13:58:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0768343	.0087629	.0136671
Stddev	.0023009	.0015504	.0001012
%RSD	2.994624	17.69273	.7404681

#1	.0754916	.0082386	.0136234
#2	.0794911	.0075426	.0137828
#3	.0755203	.0105075	.0135951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1441.734	2369.547	30271.80	5214.873	2528.242
Stddev	8.768	2.012	112.24	50.789	3.848
%RSD	.6081808	.0849190	.3707675	.9739330	.1521835

#1	1431.799	2371.216	30188.37	5245.220	2524.745
#2	1448.394	2370.112	30399.41	5156.239	2532.364
#3	1445.008	2367.312	30227.63	5243.161	2527.619

Sample Name: K4188-05 Acquired: 08/15/2019 13:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714880	.0876960	1.406800	.0867555	.0369639	76.14440	4.410231
Stddev	.0020180	.0021217	.002437	.0035669	.0018981	.26933	.038900
%RSD	2.822848	2.419337	.1732278	4.111430	5.135116	.3537160	.8820369

#1	.0709169	.0894866	1.404895	.0833871	.0348372	76.41475	4.430525
#2	.0698170	.0853527	1.409546	.0904923	.0375683	75.87609	4.365380
#3	.0737300	.0882488	1.405959	.0863870	.0384864	76.14235	4.434786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950295	.1107870	9.068696	.4848625	1.039984	.6017044	33.62627
Stddev	.0009951	.0003522	.090322	.0003758	.000790	.0013022	.21734
%RSD	1.047132	.3178889	.9959718	.0775008	.0759784	.2164137	.6463467

#1	.0960265	.1109203	9.132401	.4844287	1.040787	.6027006	33.80566
#2	.0940363	.1103876	8.965330	.4850877	1.039956	.6002309	33.38458
#3	.0950258	.1110531	9.108358	.4850712	1.039208	.6021816	33.68856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165901	7.333367	1.113412	.0883821	.3835498	1.213603	1.478532
Stddev	.011436	.045022	.000362	.0001229	.0779160	.003134	.005475
%RSD	.9808960	.6139289	.0325325	.1390178	20.31444	.2582647	.3703035

#1	1.174548	7.369801	1.113660	.0882456	.4337601	1.216944	1.472216
#2	1.152934	7.347264	1.112997	.0884168	.4230983	1.210727	1.481467
#3	1.170221	7.283035	1.113581	.0884838	.2937909	1.213140	1.481915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.068182	1.992407	.0108396	.0054759	7.766694	3.692028	.0119086
Stddev	.103924	.001536	.0004745	.0002321	.005683	.128358	.0017418
%RSD	3.387157	.0771033	4.377285	4.238697	.0731759	3.476637	14.62628

#1	3.118602	1.990939	.0103112	.0053729	7.760793	3.833748	.0125705
#2	2.948666	1.992278	.0109785	.0053131	7.767158	3.583585	.0099329
#3	3.137277	1.994003	.0112292	.0057417	7.772132	3.658751	.0132224

Sample Name: K4188-05 Acquired: 08/15/2019 13:54:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2898330	.0632069	.0713382
Stddev	.0069285	.0011703	.0002134
%RSD	2.390502	1.851475	.2991563

#1	.2852399	.0644733	.0713009
#2	.2864568	.0629820	.0715678
#3	.2978024	.0621654	.0711459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1521.338	2524.208	32011.00	5618.892	2577.503
Stddev	8.986	1.012	105.16	73.931	1.626
%RSD	.5906522	.0400831	.3284997	1.315753	.0630961

#1	1513.558	2525.063	31891.28	5551.771	2575.676
#2	1531.174	2524.470	32088.40	5698.134	2578.793
#3	1519.281	2523.091	32053.33	5606.772	2578.040

Sample Name: K4188-08 Acquired: 08/15/2019 14:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083865	-.001335	.3537527	.0071017	.0024597	39.96335	.3256067
Stddev	.0033116	.004830	.0016733	.0010474	.0016715	.11348	.0018731
%RSD	39.48673	361.7411	.4730250	14.74790	67.95414	.2839528	.5752782

#1	.0121079	-.001059	.3520403	.0078182	.0020945	40.03147	.3272497
#2	.0072876	.003351	.3553840	.0075871	.0042836	40.02622	.3260034
#3	.0057642	-.006297	.3538339	.0058997	.0010010	39.83235	.3235670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023627	.0008345	10.63698	.0580185	.0101911	.1594745	30.83405
Stddev	.0000920	.0000081	.05345	.0006327	.0001032	.0018885	.21443
%RSD	3.894552	.9761505	.5024997	1.090492	1.012859	1.184169	.6954481

#1	.0022700	.0008430	10.65508	.0574219	.0102343	.1580246	31.01660
#2	.0023641	.0008338	10.67902	.0579515	.0102657	.1616100	30.88764
#3	.0024540	.0008267	10.57682	.0586820	.0100733	.1587890	30.59790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2527929	6.308573	.0447476	.0002897	.4575695	.1585553	.4651174
Stddev	.0025565	.043842	.0001762	.0005355	.2161492	.0006086	.0047513
%RSD	1.011310	.6949607	.3936763	184.8715	47.23856	.3838200	1.021527

#1	.2548224	6.302460	.0449499	-.000316	.4640878	.1583502	.4706032
#2	.2536346	6.355151	.0446282	.000700	.2382349	.1592399	.4623098
#3	.2499216	6.268108	.0446646	.000486	.6703858	.1580758	.4624392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.714971	2.196714	.0099483	.0046979	6.652283	3.799929	.0071151
Stddev	.017981	.002874	.0006955	.0004578	.007995	.021194	.0009521
%RSD	.6622794	.1308369	6.991733	9.745313	.1201776	.5577478	13.38180

#1	2.732002	2.199157	.0091457	.0048520	6.648083	3.781817	.0068233
#2	2.716739	2.193547	.0103777	.0041829	6.647264	3.794732	.0063430
#3	2.696171	2.197438	.0103213	.0050588	6.661502	3.823238	.0081790

Sample Name: K4188-08 Acquired: 08/15/2019 14:10:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4182750	.0366537	.0646958
Stddev	.0115414	.0014837	.0001860
%RSD	2.759295	4.047960	.2874674

#1	.4190459	.0358868	.0647135
#2	.4294116	.0357105	.0645016
#3	.4063674	.0383640	.0648723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.704	2466.224	31317.42	5450.722	2588.514
Stddev	5.279	3.280	85.57	41.777	1.528
%RSD	.3527070	.1330089	.2732419	.7664502	.0590290

#1	1491.090	2464.479	31298.79	5433.303	2586.754
#2	1497.454	2470.008	31410.77	5420.473	2589.499
#3	1501.567	2464.185	31242.69	5498.390	2589.289

Sample Name: K4188-07 Acquired: 08/15/2019 14:06:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062226	-.002331	.7278349	.0072169	.0023708	58.32401	.4039043
Stddev	.0025907	.003003	.0021085	.0033204	.0013888	.20844	.0021827
%RSD	41.63376	128.7963	.2896940	46.00867	58.58231	.3573797	.5403995

#1	.0056074	-.001411	.7281881	.0034855	.0032092	58.10768	.4018109
#2	.0039949	.000103	.7297445	.0083191	.0031354	58.34081	.4037355
#3	.0090656	-.005687	.7255721	.0098459	.0007676	58.52354	.4061665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025940	.0014640	3.709445	.0893816	.0115619	.2366692	28.75782
Stddev	.0001331	.0000537	.020206	.0003147	.0000436	.0022547	.15901
%RSD	5.129729	3.668988	.5447243	.3521094	.3768601	.9526700	.5529206

#1	.0026732	.0014049	3.691152	.0890551	.0116091	.2384313	28.61012
#2	.0024404	.0015099	3.706048	.0894066	.0115233	.2341284	28.73721
#3	.0026683	.0014772	3.731134	.0896830	.0115532	.2374478	28.92612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1844527	6.024907	.0503849	.0007926	.1003194	.1665104	.4889693
Stddev	.0010429	.070994	.0004681	.0000834	.1679267	.0007691	.0039958
%RSD	.5654155	1.178341	.9290917	10.52855	167.3921	.4618848	.8171890

#1	.1841912	6.026164	.0507860	.0007600	.0045584	.1672563	.4908942
#2	.1835654	5.953292	.0504980	.0007304	.0021802	.1657201	.4916382
#3	.1856015	6.095264	.0498705	.0008874	.2942196	.1665546	.4843753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.620492	1.606485	.0092370	.0057516	5.591535	4.013482	.0113646
Stddev	.083719	.008135	.0007283	.0004793	.015663	.075087	.0018269
%RSD	3.194768	.5063968	7.884436	8.333674	.2801149	1.870867	16.07515

#1	2.688081	1.606951	.0084000	.0061352	5.587165	3.962970	.0104336
#2	2.526843	1.614377	.0097257	.0059052	5.608919	4.099766	.0101907
#3	2.646552	1.598127	.0095855	.0052143	5.578522	3.977709	.0134694

Sample Name: K4188-07 Acquired: 08/15/2019 14:06:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3790828	.0476178	.0403386
Stddev	.0038421	.0006922	.0002403
%RSD	1.013535	1.453726	.5957333

#1	.3830999	.0468440	.0405152
#2	.3787049	.0478310	.0404356
#3	.3754435	.0481783	.0400650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.983	2466.413	31296.57	5503.227	2587.627
Stddev	3.429	5.170	167.38	26.879	6.451
%RSD	.2280140	.2096055	.5348148	.4884211	.2493017

#1	1507.732	2469.703	31427.73	5512.318	2589.056
#2	1503.210	2460.455	31353.92	5524.381	2580.581
#3	1501.006	2469.083	31108.05	5472.981	2593.244

Sample Name: K4188-09 Acquired: 08/15/2019 14:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116189	-.003000	.1995493	.0095157	.0006098	83.73033	.4488821
Stddev	.0018173	.002310	.0019011	.0004702	.0029180	.29956	.0028801
%RSD	15.64061	77.00906	.9526870	4.941093	478.5222	.3577661	.6416258

#1	.0095291	-.005418	.1999906	.0092263	.0012560	83.39729	.4456289
#2	.0128275	-.002767	.1974664	.0100582	-.002577	83.97777	.4511069
#3	.0125003	-.000815	.2011909	.0092625	.003151	83.81593	.4499105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036912	-.000447	7.148226	.0939315	.0129541	.0641315	39.19949
Stddev	.0000382	.000138	.048022	.0001649	.0004921	.0011925	.13930
%RSD	1.036013	30.92149	.6718006	.1755832	3.799112	1.859476	.3553692

#1	.0036914	-.000597	7.102627	.0941216	.0134271	.0654612	39.04860
#2	.0037293	-.000325	7.198350	.0938465	.0124448	.0637765	39.32319
#3	.0036528	-.000418	7.143700	.0938264	.0129903	.0631567	39.22669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2037246	4.866501	.0378391	-.000257	.5608807	.1066653	.1898372
Stddev	.0013526	.026002	.0001979	.000073	.2384945	.0030231	.0013022
%RSD	.6639557	.5342982	.5231074	28.33291	42.52144	2.834233	.6859277

#1	.2028406	4.855180	.0376183	-.000331	.5359392	.1035929	.1899466
#2	.2052818	4.896244	.0378983	-.000253	.3358371	.1067662	.1910811
#3	.2030515	4.848080	.0380006	-.000186	.8108658	.1096367	.1884838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.431964	2.074108	.0085602	.0016215	2.479256	3.816899	.0053813
Stddev	.025950	.006800	.0006228	.0001406	.018363	.040654	.0017120
%RSD	1.067020	.3278509	7.275311	8.672575	.7406716	1.065115	31.81345

#1	2.406978	2.067335	.0085371	.0014667	2.458287	3.773067	.0070907
#2	2.430134	2.074056	.0079493	.0017414	2.487016	3.853369	.0036667
#3	2.458780	2.080935	.0091942	.0016565	2.492466	3.824262	.0053866

Sample Name: K4188-09 Acquired: 08/15/2019 14:14:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2119612	.0751865	.0615403
Stddev	.0081038	.0007025	.0003197
%RSD	3.823254	.9343271	.5195089

#1	.2026464	.0751715	.0618990
#2	.2158454	.0758964	.0612855
#3	.2173918	.0744917	.0614365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.703	2486.104	31795.38	5546.810	2580.659
Stddev	8.545	3.764	182.04	32.401	3.641
%RSD	.5622971	.1514016	.5725461	.5841356	.1410744

#1	1512.464	2489.557	31658.77	5583.582	2584.835
#2	1517.514	2486.662	31725.32	5522.452	2578.987
#3	1529.129	2482.092	32002.04	5534.396	2578.155

Sample Name: K4188-10 Acquired: 08/15/2019 14:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253931	.0012279	.3255410	.0157289	.0018223	111.1349
Stddev	.0018308	.0014038	.0007849	.0011167	.0020786	.4604
%RSD	7.210011	114.3180	.2410962	7.099609	114.0650	.4143087

#1	.0271185	-.000376	.3258944	.0150564	.0025256	111.1170
#2	.0234724	.002233	.3246416	.0170180	.0034579	111.6041
#3	.0255883	.001826	.3260870	.0151124	-.000517	110.6837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002659	.0078894	.0002593	25.59725	.1083621	.0241065
Stddev	.008569	.0001821	.0001264	.21913	.0011699	.0002100
%RSD	.8545847	2.307605	48.73633	.8560784	1.079593	.8709840

#1	1.002409	.0077640	.0002466	25.55986	.1078410	.0240224
#2	1.011349	.0080982	.0001397	25.83267	.1075432	.0239516
#3	.994217	.0078059	.0003915	25.39922	.1097019	.0243455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1335241	138.1407	.4037674	7.481438	.0746556	-.000928
Stddev	.0019566	.5368	.0031363	.044904	.0005539	.000167
%RSD	1.465327	.3886206	.7767492	.6002021	.7418834	18.02840

#1	.1356796	138.0440	.4013120	7.438715	.0743452	-.001035
#2	.1330323	138.7193	.4073004	7.528243	.0752951	-.001014
#3	.1318603	137.6588	.4026899	7.477355	.0743266	-.000735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4205043	.1960831	.7076242	4.951837	F 12.38386	.0240713
Stddev	.3109488	.0010245	.0112809	.066952	.01486	.0014686
%RSD	73.94664	.5224979	1.594194	1.352074	.1199704	6.100950

#1	.6171634	.1968411	.7160083	5.017106	12.37271	.0254764
#2	.5823344	.1949175	.6947986	4.955084	12.37815	.0241910
#3	.0620151	.1964908	.7120657	4.883319	12.40073	.0225466

Sample Name: K4188-10 Acquired: 08/15/2019 14:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030762	10.75983	3.520627	.0142812	.2429855	.0718223
Stddev	.0001162	.02300	.039985	.0004320	.0030126	.0019300
%RSD	3.776249	.2137417	1.135726	3.024987	1.239844	2.687208

#1	.0031236	10.75631	3.541449	.0138018	.2395068	.0696127
#2	.0029438	10.73880	3.545905	.0144016	.2447303	.0726755
#3	.0031612	10.78439	3.474529	.0146402	.2447193	.0731786

Elem	Sr4077
Units	ppm
Avg	.2016507
Stddev	.0007688
%RSD	.3812721

#1	.2024883
#2	.2014867
#3	.2009770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.770	2575.493	32930.98	5680.322	2599.682
Stddev	7.323	1.149	100.69	74.547	1.305
%RSD	.4694842	.0446277	.3057471	1.312373	.0501998

#1	1556.114	2576.806	32887.72	5718.026	2598.195
#2	1554.995	2575.006	32859.14	5594.454	2600.213
#3	1568.201	2574.667	33046.06	5728.484	2600.637

Sample Name: K4188-12 Acquired: 08/15/2019 14:27:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198959	.0010680	.1163908	.0074487	-.000007	114.7880	.3895985
Stddev	.0035098	.0013971	.0031196	.0023432	.000898	.3593	.0030085
%RSD	17.64079	130.8111	2.680281	31.45806	12587.94	.3130105	.7721921

#1	.0216299	.0007917	.1131603	.0101472	.001020	114.3887	.3861647
#2	.0222013	.0025826	.1166258	.0062712	-.000401	114.8898	.3908596
#3	.0158566	-.000170	.1193862	.0059278	-.000640	115.0853	.3917711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031377	-.000566	4.369866	.1363288	.0151200	.0464537	32.98717
Stddev	.0000484	.000082	.014388	.0012528	.0002219	.0013004	.21921
%RSD	1.543805	14.49684	.3292556	.9189495	1.467384	2.799318	.6645228

#1	.0031840	-.000611	4.353261	.1364978	.0152872	.0462511	32.73666
#2	.0031419	-.000472	4.378639	.1350000	.0152044	.0452666	33.08105
#3	.0030874	-.000616	4.377698	.1374884	.0148683	.0478435	33.14381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8058321	5.470650	.0519165	-.000176	.0141518	.1187658	.1390642
Stddev	.0060390	.064652	.0005768	.000238	.0736415	.0009217	.0032377
%RSD	.7494105	1.181791	1.111070	135.4231	520.3685	.7760428	2.328173

#1	.8001835	5.432792	.0512508	-.000441	-.034737	.1193626	.1421634
#2	.8121975	5.545301	.0522292	-.000105	.098850	.1177042	.1393253
#3	.8051154	5.433858	.0522694	.000019	-.021657	.1192304	.1357039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.639832	2.312278	.0074226	.0008637	1.910454	5.250724	.0034647
Stddev	.069549	.010051	.0012871	.0001253	.001780	.093515	.0021056
%RSD	2.634611	.4346750	17.34085	14.51070	.0931935	1.780992	60.77257

#1	2.572713	2.314465	.0065655	.0008408	1.908586	5.144109	.0056560
#2	2.635202	2.321055	.0067995	.0009990	1.910645	5.318862	.0032813
#3	2.711581	2.301314	.0089026	.0007515	1.912132	5.289202	.0014568

Sample Name: K4188-12 Acquired: 08/15/2019 14:27:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3484888	.0693320	.0297968
Stddev	.0129781	.0019543	.0001391
%RSD	3.724121	2.818793	.4668623

#1	.3554219	.0681039	.0298880
#2	.3565280	.0715856	.0296367
#3	.3335165	.0683064	.0298657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.145	2516.405	31824.47	5570.692	2594.786
Stddev	9.380	6.082	152.54	34.023	6.222
%RSD	.6170294	.2416975	.4793178	.6107585	.2397747

#1	1512.043	2521.331	31710.49	5608.764	2600.743
#2	1517.972	2509.607	31997.76	5560.049	2588.330
#3	1530.421	2518.278	31765.16	5543.262	2595.287

Sample Name: K4188-11 Acquired: 08/15/2019 14:23:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191264	-.001346	.1033339	.0064543	.0003473	104.8007	.3597084
Stddev	.0040490	.002050	.0006425	.0015973	.0007108	.1197	.0010130
%RSD	21.16957	152.3138	.6217501	24.74762	204.6505	.1141917	.2816174

#1	.0237678	.000814	.1037461	.0046577	.0009906	104.9231	.3593370
#2	.0172929	-.001588	.1036619	.0077139	.0004673	104.7951	.3608547
#3	.0163185	-.003263	.1025936	.0069912	-.000416	104.6840	.3589335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030196	-.000591	4.032255	.1212085	.0150158	.0433928	32.20317
Stddev	.0000525	.000048	.025979	.0004810	.0004814	.0020967	.10314
%RSD	1.739662	8.058438	.6442900	.3968484	3.206181	4.831829	.3202892

#1	.0030088	-.000600	4.020210	.1212528	.0148966	.0413443	32.17058
#2	.0030766	-.000633	4.062071	.1216658	.0155457	.0455345	32.31867
#3	.0029732	-.000539	4.014485	.1207069	.0146052	.0432996	32.12026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1825544	5.107390	.0513441	-.000371	-.105303	.1078914	.1327472
Stddev	.0005283	.033321	.0006734	.000211	.249559	.0021172	.0011678
%RSD	.2893814	.6523994	1.311490	56.92685	236.9920	1.962340	.8796920

#1	.1831496	5.145121	.0513412	-.000139	-.366034	.1080177	.1331133
#2	.1823725	5.082005	.0506722	-.000422	.131338	.1099427	.1336881
#3	.1821412	5.095042	.0520190	-.000551	-.081213	.1057139	.1314403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.182382	2.170094	.0060491	.0010984	1.899346	4.686163	.0030001
Stddev	.058348	.001383	.0017758	.0002424	.007114	.065526	.0009558
%RSD	2.673615	.0637237	29.35569	22.06930	.3745637	1.398279	31.85832

#1	2.187439	2.171136	.0062117	.0013653	1.900208	4.610605	.0019287
#2	2.121669	2.168525	.0077380	.0008919	1.891841	4.720497	.0037651
#3	2.238037	2.170622	.0041976	.0010379	1.905991	4.727387	.0033066

Sample Name: K4188-11 Acquired: 08/15/2019 14:23:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3201244	.0581826	.0255907
Stddev	.0070144	.0013924	.0001251
%RSD	2.191136	2.393063	.4890050

#1	.3243649	.0578977	.0256997
#2	.3239803	.0596954	.0256183
#3	.3120279	.0569548	.0254540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.703	2532.339	32041.87	5528.084	2603.042
Stddev	1.420	5.185	125.73	16.920	4.544
%RSD	.0923887	.2047692	.3923844	.3060718	.1745829

#1	1535.855	2538.306	31921.70	5546.417	2607.064
#2	1538.342	2529.793	32172.50	5513.068	2603.949
#3	1535.912	2528.919	32031.40	5524.766	2598.112

Sample Name: K4188-14 Acquired: 08/15/2019 14:35:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138648	.0011082	.5734774	.0073889	-.000947	87.43887	.4737931
Stddev	.0034822	.0018117	.0022103	.0012338	.002243	.07487	.0004078
%RSD	25.11563	163.4839	.3854261	16.69762	236.9253	.0856312	.0860714

#1	.0163627	-.000796	.5741631	.0059654	-.002883	87.37426	.4733281
#2	.0098871	.002811	.5710055	.0081509	.001512	87.52093	.4739614
#3	.0153446	.001310	.5752636	.0080503	-.001469	87.42143	.4740898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033855	.0029734	26.09984	.1969490	.0202043	.1772653	60.25672
Stddev	.0001236	.0000243	.04159	.0012131	.0005014	.0012309	.06701
%RSD	3.651954	.8181034	.1593546	.6159441	2.481928	.6943871	.1112023

#1	.0033041	.0029501	26.07005	.1978111	.0197426	.1758469	60.31259
#2	.0033246	.0029986	26.08211	.1955618	.0207377	.1780539	60.27514
#3	.0035277	.0029715	26.14736	.1974741	.0201324	.1778949	60.18243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6732871	9.308164	.0969054	-.000224	.0352900	.2038004	1.741079
Stddev	.0017887	.012215	.0005301	.000309	.0232567	.0018172	.006585
%RSD	.2656699	.1312280	.5470166	137.5027	65.90161	.8916359	.3782141

#1	.6750552	9.320087	.0973577	.000104	.0567242	.2028788	1.742198
#2	.6714785	9.295677	.0970366	-.000508	.0385838	.2058937	1.747033
#3	.6733277	9.308727	.0963221	-.000269	.0105620	.2026287	1.734006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.955673	2.938877	.0112285	.0024825	2.938754	2.040494	.0112246
Stddev	.015016	.005247	.0007095	.0001216	.004962	.005846	.0017796
%RSD	.2521315	.1785235	6.318256	4.898815	.1688531	.2865046	15.85397

#1	5.964063	2.937279	.0119424	.0025302	2.943325	2.038324	.0130239
#2	5.938337	2.934616	.0105236	.0023443	2.933477	2.047114	.0094654
#3	5.964619	2.944737	.0112195	.0025732	2.939461	2.036043	.0111845

Sample Name: K4188-14 Acquired: 08/15/2019 14:35:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4211218	.0727815	.1006990
Stddev	.0043003	.0002608	.0004138
%RSD	1.021144	.3583064	.4109547

#1	.4248212	.0730502	.1002260
#2	.4221405	.0727646	.1009939
#3	.4164037	.0725295	.1008773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.988	2508.451	32159.53	5545.001	2589.277
Stddev	3.719	3.439	122.27	21.113	2.981
%RSD	.2418130	.1370878	.3801978	.3807524	.1151280

#1	1535.212	2511.631	32072.70	5522.790	2589.190
#2	1536.538	2504.802	32299.36	5564.810	2586.341
#3	1542.213	2508.919	32106.54	5547.404	2592.301

Sample Name: K4188-13 Acquired: 08/15/2019 14:31:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190095	.0011208	.2727447	.0097999	.0017014	140.5598	.6833452
Stddev	.0007284	.0019834	.0021838	.0014968	.0009846	.3576	.0060733
%RSD	3.832000	176.9664	.8006857	15.27319	57.87456	.2544107	.8887679

#1	.0190415	.0003308	.2720299	.0082697	.0027652	140.5255	.6853739
#2	.0182656	.0033775	.2751963	.0098693	.0008220	140.9333	.6881446
#3	.0197214	-.000346	.2710077	.0112608	.0015169	140.2206	.6765172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053163	.0013482	11.69471	.2214947	.0453025	.1274124	87.04944
Stddev	.0000838	.0000300	.10868	.0012578	.0003640	.0013737	.40978
%RSD	1.576362	2.222956	.9292763	.5678588	.8034012	1.078132	.4707435

#1	.0054047	.0013701	11.68875	.2209734	.0450041	.1265807	87.23744
#2	.0053060	.0013606	11.80625	.2229293	.0451954	.1289979	87.33148
#3	.0052381	.0013141	11.58914	.2205814	.0457080	.1266585	86.57939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5464641	10.87206	.1281425	-.000688	.2258284	.2380613	.4032357
Stddev	.0039463	.06304	.0008804	.000480	.0853570	.0018048	.0049597
%RSD	.7221507	.5797912	.6870204	69.74604	37.79727	.7581200	1.229977

#1	.5495495	10.89111	.1290203	-.000530	.3241358	.2361005	.4061368
#2	.5478254	10.92337	.1272596	-.001227	.1705475	.2396530	.4060613
#3	.5420174	10.80169	.1281475	-.000307	.1828018	.2384303	.3975089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772664	3.956906	.0128318	.0012249	1.902700	1.977741	.0160780
Stddev	.023788	.009750	.0006359	.0004052	.009604	.053483	.0003730
%RSD	.4984262	.2463992	4.955640	33.08148	.5047618	2.704239	2.319972

#1	4.792530	3.957466	.0130185	.0009973	1.891618	1.959251	.0156804
#2	4.779159	3.946888	.0133534	.0016928	1.907866	2.038016	.0164202
#3	4.746303	3.966364	.0121234	.0009847	1.908615	1.935957	.0161333

Sample Name: K4188-13 Acquired: 08/15/2019 14:31:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6384902	.0777812	.0801257
Stddev	.0028260	.0016681	.0005216
%RSD	.4426078	2.144565	.6510033

#1	.6416524	.0793036	.0797210
#2	.6362114	.0780418	.0799417
#3	.6376069	.0759982	.0807144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.379	2500.270	31757.99	5545.444	2596.946
Stddev	7.138	1.888	186.14	29.212	7.405
%RSD	.4697998	.0755158	.5861074	.5267728	.2851269

#1	1511.905	2500.696	31557.85	5524.613	2589.308
#2	1526.126	2501.909	31790.20	5532.883	2604.093
#3	1520.108	2498.206	31925.92	5578.835	2597.438

Sample Name: K4188-16 Acquired: 08/15/2019 14:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090748	-.000323	.8128202	.0089250	.0008536	57.51042	.4901680
Stddev	.0033234	.002867	.0005018	.0008471	.0012578	.17205	.0011172
%RSD	36.62276	888.3043	.0617401	9.490858	147.3545	.2991546	.2279184

#1	.0067504	.001167	.8125912	.0088322	.0018517	57.62286	.4905669
#2	.0075926	-.003628	.8124737	.0098146	-.000559	57.59605	.4910310
#3	.0128815	.001492	.8133957	.0081282	.001268	57.31237	.4889061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033286	.0017529	16.38205	.0915374	.0147835	.4130996	38.95003
Stddev	.0000377	.0001539	.08719	.0003955	.0001945	.0040374	.21879
%RSD	1.133885	8.781165	.5322503	.4320495	1.315906	.9773361	.5617145

#1	.0033605	.0016093	16.42007	.0911023	.0148529	.4164339	38.99897
#2	.0033383	.0017341	16.44377	.0916350	.0149338	.4142541	39.14020
#3	.0032869	.0019154	16.28230	.0918750	.0145637	.4086107	38.71091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3899480	9.268247	.0670180	.0005126	.5457195	.2656229	.8991199
Stddev	.0035409	.070131	.0001009	.0002278	.1366521	.0004918	.0025469
%RSD	.9080400	.7566771	.1505132	44.44465	25.04073	.1851570	.2832702

#1	.3913214	9.265201	.0669898	.0007633	.6625372	.2657518	.8965131
#2	.3925964	9.339851	.0671299	.0003181	.5791748	.2650795	.8992443
#3	.3859262	9.199689	.0669342	.0004565	.3954465	.2660375	.9016024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.144622	2.781019	.0085227	.0067933	6.864162	2.750282	.0115270
Stddev	.091348	.029436	.0010167	.0000233	.035452	.033966	.0010350
%RSD	1.775597	1.058478	11.92945	.3427903	.5164842	1.235008	8.978476

#1	5.060663	2.760157	.0080268	.0068083	6.838885	2.748761	.0123767
#2	5.241897	2.768210	.0078490	.0068051	6.848915	2.784983	.0103744
#3	5.131307	2.814690	.0096922	.0067665	6.904687	2.717101	.0118299

Sample Name: K4188-16 Acquired: 08/15/2019 14:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4234818	.0588038	.0959215
Stddev	.0039361	.0006588	.0002761
%RSD	.9294670	1.120267	.2878087

#1	.4279227	.0593642	.0961176
#2	.4220995	.0580781	.0960410
#3	.4204233	.0589690	.0956058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.856	2499.863	31989.48	5597.298	2597.742
Stddev	6.647	1.470	233.94	34.979	2.100
%RSD	.4373409	.0588224	.7313008	.6249297	.0808544

#1	1526.740	2500.929	32249.51	5577.336	2599.779
#2	1519.354	2498.186	31922.82	5576.872	2595.583
#3	1513.474	2500.475	31796.10	5637.688	2597.864

Sample Name: K4188-15 Acquired: 08/15/2019 14:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203958	.0016419	.5334419	.0074577	.0024419	59.31093
Stddev	.0029969	.0026804	.0023102	.0012627	.0007744	.17432
%RSD	14.69390	163.2552	.4330803	16.93157	31.71171	.2939078

#1	.0238134	.0041547	.5336691	.0062296	.0031446	59.41649
#2	.0191575	-.001179	.5310265	.0087524	.0016117	59.40658
#3	.0182164	.001950	.5356302	.0073912	.0025695	59.10973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4443922	.0030939	.0004877	91.52793	.1079594	.0340378
Stddev	.0015478	.0000640	.0002304	.46136	.0005206	.0004863
%RSD	.3482981	2.067977	47.25111	.5040631	.4822467	1.428619

#1	.4452786	.0031034	.0002871	92.04443	.1077937	.0345739
#2	.4452931	.0030257	.0004367	91.38269	.1075418	.0336251
#3	.4426050	.0031525	.0007394	91.15667	.1085427	.0339144

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1389552	84.60885	1.384262	19.67106	.1017401	.0003464
Stddev	.0030508	.18754	.003248	.10619	.0009698	.0001633
%RSD	2.195528	.2216534	.2346518	.5398398	.9532469	47.12316

#1	.1373791	84.71732	1.386931	19.64733	.1027009	.0001841
#2	.1424717	84.71693	1.385209	19.78712	.1007615	.0005106
#3	.1370149	84.39230	1.380645	19.57875	.1017578	.0003447

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5169028	.4009454	.6471134	14.38193	F 26.84847	.0176936
Stddev	.1651055	.0021898	.0055598	.05497	.12706	.0002268
%RSD	31.94131	.5461645	.8591691	.3822028	.4732634	1.281517

#1	.5301365	.4029021	.6408907	14.44185	26.99016	.0174716
#2	.3455787	.4013540	.6515920	14.33384	26.74465	.0176843
#3	.6749932	.3985800	.6488576	14.37010	26.81059	.0179248

Sample Name: K4188-15 Acquired: 08/15/2019 14:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072393	7.808847	1.241861	.0036092	1.768931	.1404687
Stddev	.0002142	.020559	.014805	.0017936	.008097	.0009033
%RSD	2.958637	.2632786	1.192179	49.69513	.4577544	.6430301

#1	.0074097	7.831824	1.238049	.0019572	1.775414	.1398795
#2	.0073093	7.792188	1.229335	.0055170	1.771525	.1415087
#3	.0069989	7.802530	1.258200	.0033535	1.759855	.1400181

Elem	Sr4077
Units	ppm
Avg	.1654716
Stddev	.0005155
%RSD	.3115339

#1	.1660343
#2	.1650222
#3	.1653582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.109	2489.092	31581.31	5544.140	2578.217
Stddev	8.821	5.045	127.01	13.618	6.517
%RSD	.5876196	.2026907	.4021673	.2456204	.2527739

#1	1505.315	2486.654	31726.45	5539.307	2574.081
#2	1490.973	2494.893	31490.50	5533.597	2585.730
#3	1507.040	2485.729	31526.99	5559.515	2574.841

Sample Name: CCV041 Acquired: 08/15/2019 14:51:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720551	4.965930	24.32566	4.727403	4.928089	398.4789	9.874213
Stddev	.006856	.017402	.05231	.009545	.009131	4.8304	.058339
%RSD	.1452320	.3504199	.2150211	.2019099	.1852770	1.212217	.5908199

#1	4.724448	4.946426	24.29385	4.726164	4.938478	395.8898	9.839066
#2	4.712635	4.979867	24.38603	4.718538	4.924453	395.4950	9.842018
#3	4.724571	4.971496	24.29710	4.737507	4.921337	404.0520	9.941555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4821059	2.366610	401.9439	15.02374	2.440950	14.66452	405.2687
Stddev	.0050219	.004833	3.4054	.04807	.006212	.03101	2.1169
%RSD	1.041667	.2041995	.8472293	.3199423	.2544985	.2114496	.5223339

#1	.4782501	2.361492	399.3809	15.07922	2.437414	14.62879	403.8240
#2	.4802829	2.371095	400.6427	14.99467	2.448123	14.68440	404.2835
#3	.4877847	2.367242	405.8080	14.99732	2.437314	14.68036	407.6986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52355	396.7766	2.448583	1.253105	396.7863	2.435702	14.68154
Stddev	.10454	2.6448	.005951	.005910	1.9586	.012198	.04400
%RSD	.7198028	.6665696	.2430268	.4716062	.4936071	.5007850	.2996903

#1	14.45259	394.6624	2.448948	1.259068	395.0924	2.426286	14.69880
#2	14.47446	395.9251	2.454343	1.247250	396.3356	2.431339	14.63153
#3	14.64360	399.7422	2.442458	1.252997	398.9309	2.449482	14.71430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.8697	4.992672	4.775102	4.673290	4.821934	4.798536	4.812271
Stddev	.3493	.024898	.045374	.001583	.032970	.056530	.006346
%RSD	.2361893	.4986863	.9502135	.0338787	.6837590	1.178062	.1318708

#1	147.5372	4.965190	4.750812	4.674913	4.783865	4.763785	4.804997
#2	147.8383	4.999104	4.747044	4.671749	4.841258	4.768058	4.816675
#3	148.2336	5.013724	4.827450	4.673210	4.840680	4.863764	4.815141

Sample Name: CCV041 Acquired: 08/15/2019 14:51:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.783768	4.825838	4.737541
Stddev	.025954	.062659	.071948
%RSD	.5425326	1.298407	1.518678

#1	4.760079	4.778543	4.662337
#2	4.779715	4.802067	4.805717
#3	4.811509	4.896905	4.744569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.771	2109.327	27722.52	4918.901	2451.406
Stddev	2.551	5.967	161.74	37.091	5.443
%RSD	.2103705	.2828818	.5834176	.7540596	.2220267

#1	1213.468	2103.348	27601.75	4955.257	2450.299
#2	1214.902	2109.352	27659.53	4920.330	2446.602
#3	1209.944	2115.282	27906.27	4881.115	2457.318

Sample Name: K4188-17 Acquired: 08/15/2019 14:47:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344162	.0098704	26.09556	.0133677	.0308970	55.93719
Stddev	.0016839	.0019144	.03128	.0021579	.0005414	.21573
%RSD	4.892832	19.39520	.1198650	16.14276	1.752254	.3856705

#1	.0338032	.0085518	26.08718	.0111734	.0314565	55.69280
#2	.0331247	.0120662	26.13017	.0134422	.0308589	56.01756
#3	.0363208	.0089932	26.06932	.0154873	.0303758	56.10120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6005133	.0053871	.0377145	157.4858	.3750627	.0511880
Stddev	.0005752	.0000539	.0001160	.5626	.0111163	.0004505
%RSD	.0957888	1.001094	.3075054	.3572510	2.963840	.8801460

#1	.6000598	.0054314	.0375808	156.8383	.3820836	.0516179
#2	.6003197	.0053271	.0377870	157.8558	.3622462	.0507193
#3	.6011603	.0054030	.0377758	157.7632	.3808582	.0512268

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.95172	318.6634	2.651017	14.54670	.3931862	.0761839
Stddev	.12403	.7042	.008426	.04396	.0011798	.0018161
%RSD	.1748045	.2209708	.3178233	.3022178	.3000631	2.383768

#1	70.81064	318.0051	2.642262	14.50004	.3942027	.0768431
#2	71.00092	318.5792	2.651722	14.55270	.3918925	.0741303
#3	71.04359	319.4058	2.659068	14.58735	.3934635	.0775783

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635221	.2070319	4.986848	8.151332	5.154344	.0926791
Stddev	.2740807	.0035875	.147251	.045223	.005703	.0021894
%RSD	75.39588	1.732820	2.952792	.5547987	.1106501	2.362403

#1	.2978986	.2098331	5.080671	8.116728	5.156087	.0951160
#2	.6644578	.2082742	4.817132	8.134766	5.147973	.0920437
#3	.1282101	.2029884	5.062740	8.202502	5.158973	.0908777

Sample Name: K4188-17 Acquired: 08/15/2019 14:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303100	4.333993	2.605012	1.574309	1.373251	.0569753
Stddev	.0007250	.002752	.177595	.005633	.001906	.0011439
%RSD	2.392004	.0634872	6.817446	.3577982	.1387833	2.007779
#1	.0295313	4.335251	2.655721	1.572719	1.371051	.0570549
#2	.0309655	4.335891	2.407577	1.569642	1.374300	.0580773
#3	.0304332	4.330838	2.751737	1.580566	1.374402	.0557936

Elem	Sr4077
Units	ppm
Avg	.8450794
Stddev	.0031688
%RSD	.3749730
#1	.8418533
#2	.8481877
#3	.8451972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.737	2285.719	31300.41	5397.763	2564.467
Stddev	35.319	3.660	723.70	33.955	1.334
%RSD	2.442994	.1601068	2.312125	.6290626	.0520299
#1	1424.188	2289.156	30911.14	5432.643	2563.819
#2	1486.498	2281.871	32135.44	5364.815	2563.580
#3	1426.525	2286.129	30854.66	5395.832	2566.001

Sample Name: CCB041 Acquired: 08/15/2019 14:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013097	.0018364	.0023722	.0012486	.0006759	.0010576	.0002116
Stddev	.0014333	.0028532	.0007817	.0018054	.0016945	.0105487	.0004756
%RSD	109.4319	155.3701	32.95448	144.5980	250.7197	997.4088	224.7659

#1	.0003814	.0024720	.0015596	-.000823	-.000081	-.010601	-.000319
#2	.0029605	-.001281	.0024379	.002080	-.000508	.009941	.000601
#3	.0005873	.004318	.0031189	.002489	.002617	.003834	.000353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000090	.0000189	.0185055	.0007338	-.000120	.0125720	.0233300
Stddev	.0000684	.0001543	.0058013	.0004589	.000179	.0018907	.0014717
%RSD	756.8412	814.6224	31.34890	62.52861	148.4867	15.03857	6.308217

#1	.0000847	.0001167	.0248779	.0010087	-.000037	.0111799	.0219389
#2	-.000049	.0000990	.0135306	.0009888	-.000326	.0147245	.0231802
#3	-.000009	-.000159	.0171081	.0002041	.000002	.0118116	.0248709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005011	.0307316	-.000197	-.000018	-.405270	.0007843	.0007889
Stddev	.0000884	.0118489	.000116	.000231	.111718	.0018843	.0013442
%RSD	17.64024	38.55623	58.98542	1314.726	27.56639	240.2613	170.3891

#1	.0005503	.0181581	-.000313	-.000082	-.359215	.0001785	-.000202
#2	.0005539	.0416903	-.000198	-.000210	-.532654	-.000723	.002319
#3	.0003990	.0323463	-.000080	.000239	-.323942	.002897	.000250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383577	.0012074	.0080596	.0005695	-.008249	.0012483	-.001450
Stddev	.0516032	.0012192	.0003837	.0002368	.002641	.0016266	.001468
%RSD	134.5315	100.9746	4.761252	41.57864	32.01202	130.3048	101.2655

#1	.0733061	.0015569	.0080068	.0005187	-.008450	.0000390	.000245
#2	.0626788	.0022137	.0077050	.0003622	-.010783	.0030974	-.002280
#3	-.020912	-.000148	.0084670	.0008275	-.005513	.0006083	-.002315

Sample Name: CCB041 Acquired: 08/15/2019 14:55:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000072	.0011270	.0001691
Stddev	.000543	.0019281	.0000990
%RSD	758.0906	171.0873	58.56970

#1	-.000229	.0012554	.0002259
#2	.000533	-.000862	.0002266
#3	-.000518	.002988	.0000547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.604	2321.419	29103.52	5034.272	2482.342
Stddev	10.059	3.560	266.15	25.926	1.888
%RSD	.7197426	.1533347	.9144802	.5149981	.0760702

#1	1386.888	2317.372	28872.36	5063.997	2480.175
#2	1399.082	2324.066	29043.72	5022.491	2483.633
#3	1406.842	2322.818	29394.48	5016.327	2483.218

Sample Name: K4188-18 Acquired: 08/15/2019 14:59:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200611	.0006802	.1344340	.0065970	-.000329	108.3943	.3945730
Stddev	.0017490	.0024979	.0012857	.0008305	.000951	.2097	.0011930
%RSD	8.718158	367.2376	.9563849	12.58940	289.0573	.1934643	.3023604

#1	.0184291	-.000572	.1358356	.0073238	-.000315	108.1683	.3933119
#2	.0219073	-.000944	.1333093	.0056917	-.001287	108.4320	.3947234
#3	.0198470	.003556	.1341570	.0067756	.000615	108.5826	.3956837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032201	-.000390	9.125726	.1336643	.0144754	.0639130	32.24029
Stddev	.0000718	.000165	.053603	.0004471	.0000673	.0011039	.09270
%RSD	2.230241	42.43956	.5873800	.3345169	.4651711	1.727222	.2875236

#1	.0031649	-.000207	9.063853	.1332737	.0143982	.0643290	32.16053
#2	.0031940	-.000434	9.158085	.1341520	.0145221	.0647484	32.34199
#3	.0033013	-.000529	9.155241	.1335672	.0145060	.0626615	32.21833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2372850	6.201708	.0549037	-.000171	-.109979	.1147952	.2051693
Stddev	.0007482	.027142	.0003602	.000142	.120439	.0015795	.0063034
%RSD	.3153293	.4376506	.6559770	83.05638	109.5106	1.375958	3.072270

#1	.2364575	6.182123	.0552390	-.000007	-.024222	.1154848	.2117074
#2	.2379138	6.232690	.0549492	-.000260	-.247672	.1129881	.2046703
#3	.2374838	6.190312	.0545230	-.000245	-.058043	.1159127	.1991304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.536365	2.726646	.0111478	.0031892	2.082508	3.466877	.0046286
Stddev	.087091	.008021	.0007182	.0005331	.004873	.052532	.0017829
%RSD	2.462722	.2941609	6.442780	16.71506	.2339884	1.515261	38.52032

#1	3.547407	2.727603	.0114605	.0029416	2.087606	3.441013	.0058958
#2	3.617409	2.734145	.0103262	.0038010	2.077897	3.527327	.0025898
#3	3.444280	2.718189	.0116566	.0028249	2.082021	3.432291	.0054001

Sample Name: K4188-18 Acquired: 08/15/2019 14:59:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3088583	.0642737	.0426330
Stddev	.0027343	.0002864	.0001550
%RSD	.8852864	.4456167	.3635936

#1	.3095670	.0641621	.0427935
#2	.3111684	.0640598	.0424841
#3	.3058394	.0645991	.0426214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.154	2528.325	31878.70	5545.419	2597.771
Stddev	3.680	5.499	133.85	44.365	4.145
%RSD	.2402163	.2175120	.4198617	.8000309	.1595697

#1	1529.326	2530.532	31965.16	5595.975	2593.493
#2	1536.315	2532.378	31946.41	5512.977	2601.769
#3	1530.820	2522.065	31724.52	5527.305	2598.052

Sample Name: K4188-19 Acquired: 08/15/2019 15:03:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227023	.0038628	19.83343	.0073257	.1091247	64.04366	.7408363
Stddev	.0005101	.0033851	.03299	.0019393	.0003952	.17997	.0022270
%RSD	2.247008	87.63136	.1663298	26.47178	.3621719	.2810072	.3006030

#1	.0232708	.0065960	19.83612	.0081747	.1087371	63.84651	.7405712
#2	.0225517	.0000763	19.79918	.0051068	.1091098	64.08534	.7431839
#3	.0222845	.0049162	19.86499	.0086957	.1095271	64.19912	.7387537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037384	.0071959	28.57738	.1391096	.0251955	1.332669	111.1034
Stddev	.0000718	.0000695	.14949	.0005132	.0001616	.008504	.2380
%RSD	1.921208	.9661637	.5231084	.3688890	.6412156	.6381121	.2142526

#1	.0036561	.0071499	28.43848	.1387802	.0253815	1.327085	110.8626
#2	.0037887	.0071618	28.73559	.1388478	.0251151	1.328466	111.1090
#3	.0037704	.0072758	28.55808	.1397009	.0250900	1.342456	111.3386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753542	8.155625	.2313667	-.000096	-.004752	.3024147	5.876219
Stddev	.0002006	.046081	.0004372	.000267	.164084	.0017054	.051925
%RSD	.0422086	.5650262	.1889798	278.0121	3453.118	.5639232	.8836514

#1	.4755839	8.102720	.2308619	-.000020	-.077456	.3025104	5.935971
#2	.4752652	8.177145	.2316128	.000124	-.119923	.3040702	5.842048
#3	.4752135	8.187009	.2316254	-.000393	.183124	.3006635	5.850637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.393808	1.448324	.0398729	.0059482	4.143925	1.935183	.0627085
Stddev	.046503	.006989	.0018785	.0004859	.015724	.018540	.0011009
%RSD	1.370233	.4825561	4.711202	8.168207	.3794448	.9580717	1.755589

#1	3.432967	1.452716	.0416898	.0056902	4.154779	1.913857	.0625659
#2	3.342409	1.451991	.0399905	.0056457	4.151103	1.947471	.0616859
#3	3.406046	1.440265	.0379384	.0065086	4.125893	1.944222	.0638738

Sample Name: K4188-19 Acquired: 08/15/2019 15:03:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3597705	.0445616	.0802081
Stddev	.0014114	.0015437	.0004006
%RSD	.3922951	3.464095	.4994639

#1	.3581664	.0452272	.0797856
#2	.3603237	.0456608	.0802563
#3	.3608215	.0427968	.0805825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.547	2500.202	31689.14	5509.496	2592.529
Stddev	7.915	1.928	174.62	41.782	3.555
%RSD	.5260803	.0771282	.5510439	.7583560	.1371293

#1	1496.908	2500.442	31532.78	5557.208	2588.516
#2	1504.023	2501.998	31657.07	5479.444	2595.284
#3	1512.712	2498.164	31877.57	5491.837	2593.787

Sample Name: K4188-20 Acquired: 08/15/2019 15:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215155	-.000685	.2072881	.0054909	.0009862	106.1324	.3733267
Stddev	.0021798	.003036	.0022259	.0001631	.0007340	.3103	.0014851
%RSD	10.13132	443.5139	1.073838	2.970032	74.42240	.2923862	.3978047

#1	.0196686	-.003508	.2062191	.0053437	.0006776	105.9397	.3731256
#2	.0209580	.002527	.2057983	.0056662	.0004570	105.9671	.3719524
#3	.0239199	-.001072	.2098469	.0054628	.0018242	106.4904	.3749021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029879	.0000443	7.661635	.1307898	.0154641	.1734686	40.44723
Stddev	.0000602	.0001603	.041377	.0003193	.0002315	.0007422	.10855
%RSD	2.015361	362.1583	.5400525	.2441430	1.497288	.4278791	.2683678

#1	.0029189	.0000407	7.685105	.1310953	.0152667	.1742762	40.40220
#2	.0030301	-.000114	7.613860	.1304583	.0154066	.1728163	40.36844
#3	.0030147	.000206	7.685941	.1308159	.0157190	.1733132	40.57104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2931215	6.445869	.0523272	-.000334	.1303641	.1247808	.2235177
Stddev	.0020735	.020784	.0008883	.000443	.2523030	.0042874	.0016031
%RSD	.7073842	.3224346	1.697648	132.4722	193.5372	3.435934	.7171921

#1	.2915058	6.464592	.0532128	.000164	-.001345	.1286127	.2242935
#2	.2923993	6.449509	.0514362	-.000483	-.028828	.1201503	.2216743
#3	.2954596	6.423505	.0523324	-.000684	.421266	.1255795	.2245852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.048934	3.077674	.0089947	.0010474	1.993413	3.842929	.0046603
Stddev	.096252	.017916	.0011429	.0002758	.011176	.021434	.0008135
%RSD	3.156899	.5821394	12.70594	26.33201	.5606415	.5577640	17.45544

#1	3.139121	3.082583	.0085573	.0013614	1.995672	3.820709	.0040483
#2	2.947590	3.057815	.0081352	.0008445	1.981280	3.863480	.0043492
#3	3.060091	3.092625	.0102917	.0009362	2.003286	3.844597	.0055834

Sample Name: K4188-20 Acquired: 08/15/2019 15:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3237687	.0630209	.0392051
Stddev	.0082864	.0015587	.0002875
%RSD	2.559360	2.473273	.7333942

#1	.3195373	.0620460	.0390642
#2	.3184523	.0621982	.0390152
#3	.3333165	.0648186	.0395359

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.738	2525.496	31862.87	5542.069	2602.453
Stddev	13.059	10.041	392.29	35.983	14.568
%RSD	.8503097	.3975844	1.231191	.6492617	.5597859

#1	1524.005	2521.420	31616.09	5502.292	2597.714
#2	1549.806	2536.934	32315.23	5572.353	2618.800
#3	1533.402	2518.134	31657.30	5551.563	2590.844

Sample Name: K4188-22 Acquired: 08/15/2019 15:15:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136221	.0042074	.1358972	.0066481	-.000661	174.8938	.7978864
Stddev	.0015442	.0006009	.0021259	.0003572	.000489	.8582	.0044311
%RSD	11.33572	14.28097	1.564352	5.372638	73.93343	.4906879	.5553593

#1	.0144949	.0048962	.1363007	.0063151	-.000187	173.9255	.7938852
#2	.0118392	.0039353	.1377924	.0070254	-.000633	175.1960	.7971251
#3	.0145323	.0037908	.1335984	.0066039	-.001163	175.5601	.8026489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052581	-.001379	.0570368	.2224508	.0234066	.0680885	56.29787
Stddev	.0000400	.000044	.0165837	.0002448	.0003603	.0010811	.24661
%RSD	.7613398	3.208573	29.07541	.1100383	1.539380	1.587852	.4380468

#1	.0052215	-.001353	.0406486	.2227156	.0236418	.0681646	56.05798
#2	.0052519	-.001430	.0738093	.2222328	.0229918	.0669714	56.28494
#3	.0053009	-.001354	.0566524	.2224040	.0235862	.0691296	56.55069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150892	8.097229	.1167832	-.000523	.6536327	.1712932	.1292561
Stddev	.0005942	.043117	.0002544	.000163	.3615355	.0016056	.0034378
%RSD	.5163007	.5324875	.2178588	31.16493	55.31172	.9373437	2.659653

#1	.1148513	8.058502	.1168180	-.000347	.7285880	.1695492	.1310046
#2	.1146509	8.143689	.1165131	-.000669	.2604948	.1727100	.1314682
#3	.1157655	8.089496	.1170184	-.000554	.9718153	.1716205	.1252956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.389395	.3939401	.0062791	.0007408	6.458780	3.033579	.0068816
Stddev	.064665	.0032541	.0007406	.0003097	.017660	.044559	.0011224
%RSD	2.706319	.8260321	11.79500	41.80263	.2734186	1.468854	16.31061

#1	2.342920	.3924190	.0071068	.0010975	6.445186	2.984945	.0076129
#2	2.362021	.3917251	.0060515	.0005416	6.452413	3.043349	.0055893
#3	2.463245	.3976762	.0056790	.0005832	6.478740	3.072441	.0074427

Sample Name: K4188-22 Acquired: 08/15/2019 15:15:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AK4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3205443	.1103432	.0265440
Stddev	.0098958	.0013266	.0001508
%RSD	3.087193	1.202265	.5679277

#1	.3135184	.1088258	.0266145
#2	.3162531	.1109205	.0263710
#3	.3318614	.1112834	.0266467

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.531	2674.935	33842.03	5892.818	2601.274
Stddev	13.448	1.424	403.59	39.417	3.134
%RSD	.8258042	.0532440	1.192573	.6689056	.1204706

#1	1613.212	2675.727	33387.15	5906.991	2599.057
#2	1638.394	2673.290	34157.21	5923.188	2604.859
#3	1633.988	2675.786	33981.74	5848.273	2599.905

Sample Name: K4188-21 Acquired: 08/15/2019 15:11:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048415	-.000163	.0640642	.0071012	.0004611	80.53336	.3257979
Stddev	.0014215	.002301	.0012255	.0018237	.0012678	.03463	.0004979
%RSD	29.36031	1410.002	1.912882	25.68194	274.9634	.0429996	.1528333

#1	.0061366	.001306	.0640038	.0050086	-.000231	80.54039	.3263680
#2	.0050671	-.002815	.0653188	.0079430	-.000310	80.49576	.3254483
#3	.0033207	.001019	.0628701	.0083521	.001924	80.56394	.3255774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018333	-.000603	1.635638	.0694956	.0065835	.0105769	9.647932
Stddev	.0000287	.000028	.010817	.0010650	.0003466	.0025936	.047290
%RSD	1.563892	4.592281	.6613160	1.532445	5.264024	24.52099	.4901571

#1	.0018663	-.000580	1.647378	.0700850	.0062493	.0130702	9.626333
#2	.0018145	-.000634	1.633461	.0701355	.0069412	.0078936	9.615298
#3	.0018192	-.000595	1.626076	.0682662	.0065599	.0107669	9.702165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294172	1.983118	.0248312	-.000140	.0530164	.0666282	.0731428
Stddev	.0001245	.011092	.0006306	.000223	.2309507	.0020225	.0031115
%RSD	.4231721	.5592990	2.539508	159.4232	435.6215	3.035485	4.254033

#1	.0293006	1.991902	.0242396	-.000367	-.080648	.0659138	.0717705
#2	.0294026	1.970654	.0247592	-.000132	.319695	.0689109	.0767046
#3	.0295483	1.986799	.0254946	.000079	-.079998	.0650598	.0709534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326152	.9166109	.0017679	.0009441	1.839878	2.696674	.0019459
Stddev	.057359	.0082689	.0004474	.0001394	.001220	.013989	.0018053
%RSD	4.325213	.9021146	25.30464	14.76352	.0663050	.5187668	92.77171

#1	1.359676	.9123369	.0012874	.0010111	1.840853	2.687061	.0020983
#2	1.259922	.9113537	.0018438	.0010373	1.838510	2.690238	.0036702
#3	1.358859	.9261421	.0021724	.0007838	1.840272	2.712723	.0000693

Sample Name: K4188-21 Acquired: 08/15/2019 15:11:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1597945	.0546434	.0286122
Stddev	.0100787	.0010080	.0001447
%RSD	6.307282	1.844775	.5057846

#1	.1709730	.0552812	.0287532
#2	.1514015	.0551677	.0286194
#3	.1570090	.0534812	.0284641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.427	2488.758	31511.01	5516.762	2605.974
Stddev	11.124	6.321	411.80	15.080	7.691
%RSD	.7306954	.2539625	1.306854	.2733545	.2951398

#1	1513.995	2491.057	31198.78	5501.109	2609.713
#2	1518.249	2493.606	31356.55	5531.196	2611.081
#3	1535.035	2481.609	31977.72	5517.980	2597.128

Sample Name: PB122295BS Acquired: 08/15/2019 15:24:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS295 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215631	.0524364	.0232900	.0722314	.1356219	.4200099
Stddev	.0015278	.0010341	.0015274	.0013501	.0009767	.0067044
%RSD	7.085210	1.972138	6.558095	1.869081	.7201528	1.596260

#1	.0224119	.0535376	.0216874	.0729846	.1356165	.4195026
#2	.0224780	.0522856	.0247289	.0706728	.1366014	.4135736
#3	.0197994	.0514860	.0234538	.0730369	.1346480	.4269536

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4412898	.0113067	.0118513	11.48553	.0247564	.1083773
Stddev	.0030250	.0001453	.0001797	.10531	.0000644	.0001754
%RSD	.6854986	1.284759	1.516615	.9169205	.2601257	.1618393

#1	.4396752	.0112087	.0116452	11.45320	.0247249	.1081940
#2	.4394146	.0112379	.0119332	11.40017	.0247138	.1083942
#3	.4447796	.0114736	.0119754	11.60321	.0248305	.1085436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509424	.2490552	.0350002	10.71225	.0914376	.0211664
Stddev	.0027308	.0004788	.0005700	.10614	.0010907	.0002410
%RSD	5.360567	.1922503	1.628639	.9907823	1.192889	1.138667

#1	.0478903	.2492945	.0343425	10.67995	.0913376	.0209391
#2	.0531546	.2493672	.0353520	10.62602	.0904002	.0211409
#3	.0517821	.2485039	.0353060	10.83079	.0925749	.0214191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57593	.1103437	.1315346	10.50141	.0236040	F .0193291
Stddev	.09031	.0032242	.0034586	.06627	.0018624	.0004608
%RSD	.8538927	2.921933	2.629443	.6310221	7.890324	2.383758

#1	10.48184	.1076811	.1285717	10.43396	.0217923	.0188448
#2	10.58403	.1094216	.1306970	10.50384	.0235063	.0193805
#3	10.66191	.1139285	.1353351	10.56643	.0255133	.0197620

Sample Name: PB122295BS Acquired: 08/15/2019 15:24:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS295 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210245	.2013017	.2125993	.0124089	.2155235	F .1037104
Stddev	.0004459	.0051855	.0014256	.0007794	.0028691	.0015109
%RSD	2.120755	2.575975	.6705617	6.280653	1.331223	1.456802
#1	.0205611	.2050383	.2131290	.0131191	.2130323	.1028879
#2	.0214505	.1953815	.2109847	.0125326	.2148776	.1027892
#3	.0210619	.2034854	.2136842	.0115751	.2186604	.1054540

Elem	Sr4077
Units	ppm
Avg	.2139323
Stddev	.0004817
%RSD	.2251513
#1	.2133858
#2	.2141162
#3	.2142950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.773	2327.536	29340.34	5076.657	2540.762
Stddev	1.082	8.613	46.58	15.802	6.381
%RSD	.0772431	.3700502	.1587705	.3112638	.2511381
#1	1399.625	2319.856	29301.54	5071.699	2538.934
#2	1401.775	2336.848	29392.00	5094.344	2547.858
#3	1400.919	2325.903	29327.48	5063.930	2535.495

Sample Name: PB122295BL Acquired: 08/15/2019 15:19:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS295 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001138	.0018781	.0002588	.0005402	.0006947	.0057059	.0004923
Stddev	.002875	.0023827	.0008690	.0008916	.0008984	.0092474	.0005274
%RSD	252.5017	126.8670	335.8528	165.0423	129.3179	162.0679	107.1178

#1	-.002506	-.000871	-.000058	-.000421	.0013462	.0072627	.0008187
#2	-.003074	.003163	.001242	.000702	-.000330	.0140761	.0007743
#3	.002165	.003342	-.000407	.001340	.001068	-.004221	-.000116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000304	-.000082	-.004083	-.000217	-.000029	.0062696	.0088261
Stddev	.0000270	.000097	.005883	.000741	.000183	.0030578	.0012969
%RSD	88.74081	118.4820	144.0863	342.1814	640.8129	48.77182	14.69423

#1	.0000142	-.000140	-.007862	-.001051	.000078	.0039471	.0103194
#2	.0000615	-.000136	.002695	.000035	.000076	.0051277	.0081771
#3	.0000154	.000030	-.007083	.000366	-.000241	.0097340	.0079818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	.0404546	-.000611	-.000039	-.241077	.0001895	.0001230
Stddev	.000238	.0157360	.000270	.000369	.270363	.0024732	.0020234
%RSD	191.2567	38.89789	44.11247	952.6655	112.1482	1305.087	1644.738

#1	-.000103	.0583952	-.000816	.000022	-.525748	-.001334	.0001220
#2	-.000372	.0339790	-.000306	-.000434	-.209729	-.001141	-.001900
#3	.000102	.0289896	-.000711	.000296	.012246	.003043	.002147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035906	-.002488	-.002129	-.000168	-.009303	.0036099	-.002362
Stddev	.072552	.001560	.000750	.000335	.000582	.0004521	.001340
%RSD	202.0642	62.68391	35.23141	200.1265	6.258852	12.52337	56.74495

#1	-.037385	-.000692	-.002995	.000204	-.008638	.0036551	-.002975
#2	-.107707	-.003495	-.001689	-.000447	-.009721	.0040377	-.003287
#3	.037375	-.003279	-.001702	-.000260	-.009551	.0031369	-.000825

Sample Name: PB122295BL Acquired: 08/15/2019 15:19:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS295 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000171	-.004397	.0000338
Stddev	.001387	.000656	.0000677
%RSD	811.8688	14.92313	199.8980

#1	.001202	-.004929	-.000025
#2	-.001571	-.004598	.000108
#3	-.000143	-.003664	.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.075	2307.809	29158.94	5005.747	2469.308
Stddev	16.555	5.084	283.68	19.734	4.623
%RSD	1.187500	.2202762	.9728858	.3942169	.1872043

#1	1375.521	2301.974	28903.65	4986.649	2464.009
#2	1399.371	2311.283	29108.83	5026.060	2471.400
#3	1407.334	2310.171	29464.34	5004.532	2472.514

Sample Name: K4216-01 Acquired: 08/15/2019 15:32:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826181	.0076821	.1220295	.0088489	.0021533	83.61342
Stddev	.0020677	.0008179	.0022116	.0019966	.0003867	.59038
%RSD	2.502680	10.64677	1.812367	22.56354	17.95890	.7060823

#1	.0803946	.0085636	.1242544	.0079056	.0025872	82.99210
#2	.0829766	.0075350	.1220025	.0111424	.0020276	83.68112
#3	.0844830	.0069477	.1198314	.0074987	.0018451	84.16702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9223855	.0070612	.0001080	F 874.8546	.1370873	.1286404
Stddev	.0105567	.0000184	.0000423	19.9244	.0006370	.0003526
%RSD	1.144501	.2609886	39.20320	2.277450	.4646745	.2741128

#1	.9103663	.0070797	.0000740	853.5678	.1378129	.1288082
#2	.9301549	.0070611	.0001554	893.0567	.1368288	.1282353
#3	.9266354	.0070428	.0000945	877.9392	.1366202	.1288779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2235086	217.5020	4.277967	161.0961	.3560371	-.002392
Stddev	.0015318	1.6294	.045287	1.4600	.0008572	.000164
%RSD	.6853470	.7491283	1.058606	.9062916	.2407516	6.842189

#1	.2221598	215.6275	4.227164	159.4151	.3552503	-.002344
#2	.2251740	218.5795	4.314102	162.0467	.3559106	-.002258
#3	.2231921	218.2988	4.292634	161.8266	.3569505	-.002575

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183836	.1936347	.5801240	19.07543	4.771698	.0958539
Stddev	.132017	.0012374	.0097440	.14770	.025220	.0053297
%RSD	11.15159	.6390231	1.679646	.7742777	.5285408	5.560235

#1	1.326309	.1931922	.5816607	18.91140	4.799027	.0977823
#2	1.065648	.1926794	.5697030	19.19789	4.749321	.0898284
#3	1.159552	.1950325	.5890084	19.11700	4.766747	.0999509

Sample Name: K4216-01 Acquired: 08/15/2019 15:32:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683132	69.08267	4.469408	-.002243	.8434476	.2159399
Stddev	.0002229	.24261	.078538	.001214	.0091853	.0061956
%RSD	.3262197	.3511950	1.757226	54.12300	1.089017	2.869120

#1	.0680802	69.32642	4.403375	-.002516	.8363503	.2088129
#2	.0685243	68.84121	4.556257	-.003297	.8401706	.2200410
#3	.0683350	69.08037	4.448592	-.000916	.8538220	.2189659

Elem	Sr4077
Units	ppm
Avg	1.256806
Stddev	.000940
%RSD	.0748004

#1	1.255884
#2	1.257763
#3	1.256771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.665	2529.067	32113.78	5719.370	2440.910
Stddev	6.210	5.745	49.80	92.397	4.289
%RSD	.4168798	.2271633	.1550889	1.615504	.1757012

#1	1489.505	2535.256	32155.10	5811.198	2441.959
#2	1495.954	2528.042	32127.75	5626.415	2444.577
#3	1483.537	2523.903	32058.47	5720.498	2436.194

Sample Name: PB122301BS Acquired: 08/15/2019 15:28:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191862	.0506336	.0222748	.0742227	.1373858	.4335800
Stddev	.0032446	.0028081	.0009544	.0009417	.0015588	.0076599
%RSD	16.91103	5.545993	4.284511	1.268811	1.134639	1.766671

#1	.0219235	.0530706	.0233430	.0750869	.1373885	.4252640
#2	.0156022	.0512675	.0219755	.0732190	.1358256	.4351290
#3	.0200329	.0475627	.0215061	.0743623	.1389433	.4403470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4507599	.0114832	.0119141	11.68741	.0251992	.1088585
Stddev	.0025475	.0000279	.0000963	.04572	.0004708	.0001209
%RSD	.5651603	.2433117	.8081699	.3912154	1.868210	.1110418

#1	.4496170	.0114513	.0120123	11.64408	.0246556	.1087393
#2	.4489839	.0115029	.0119100	11.68295	.0254762	.1089810
#3	.4536787	.0114955	.0118199	11.73520	.0254657	.1088550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513594	.2341218	.0361529	10.89863	.0925588	.0213023
Stddev	.0013428	.0045618	.0002652	.07135	.0003759	.0000579
%RSD	2.614537	1.948477	.7335643	.6547134	.4061422	.2718861

#1	.0527271	.2291003	.0364163	10.83563	.0929905	.0213339
#2	.0513083	.2352547	.0361564	10.88415	.0923817	.0212355
#3	.0500429	.2380104	.0358859	10.97612	.0923041	.0213376

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60271	.1120712	.1288283	10.72004	.0234210	F .0197160
Stddev	.17620	.0031201	.0026817	.09607	.0012771	.0010760
%RSD	1.661883	2.783987	2.081574	.8961377	5.452952	5.457472

#1	10.40004	.1117835	.1273637	10.68331	.0248903	.0199985
#2	10.71961	.1091050	.1319233	10.82906	.0225771	.0185269
#3	10.68847	.1153252	.1271979	10.64776	.0227956	.0206226

Sample Name: PB122301BS Acquired: 08/15/2019 15:28:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209273	.2056026	.2195331	.0126856	.2179194	F .1030766
Stddev	.0001349	.0012295	.0028365	.0009301	.0023253	.0013438
%RSD	.6444801	.5979853	1.292040	7.331805	1.067068	1.303657

#1	.0209970	.2057974	.2171565	.0119584	.2152962	.1040147
#2	.0210130	.2067231	.2187698	.0137336	.2187347	.1015372
#3	.0207718	.2042874	.2226732	.0123647	.2197274	.1036780

Elem	Sr4077
Units	ppm
Avg	.2158841
Stddev	.0006790
%RSD	.3145152

#1	.2152565
#2	.2157910
#3	.2166049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.185	2324.525	29409.45	4988.372	2542.238
Stddev	5.498	3.516	96.32	17.393	4.424
%RSD	.3901238	.1512666	.3275283	.3486618	.1740026

#1	1407.367	2328.308	29382.60	4992.516	2547.300
#2	1404.827	2323.909	29329.40	5003.319	2539.120
#3	1415.362	2321.357	29516.35	4969.282	2540.292

Sample Name: K4216-03 Acquired: 08/15/2019 15:40:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB4S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300565	.0977068	.1583844	.0865170	.0251490	90.27589
Stddev	.0027914	.0037247	.0028138	.0018915	.0013577	.57815
%RSD	2.146317	3.812094	1.776592	2.186278	5.398680	.6404253

#1	.1268401	.0937327	.1583866	.0846492	.0244534	89.85197
#2	.1314825	.1011180	.1611971	.0884314	.0242800	90.93448
#3	.1318469	.0982698	.1555694	.0864702	.0267135	90.04123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.501876	.0902180	.0982141	F 841.3637	.4910128	1.107780
Stddev	.038098	.0001271	.0002080	11.4087	.0007649	.001506
%RSD	.8462706	.1409036	.2117744	1.355979	.1557870	.1359499

#1	4.480140	.0900725	.0979837	828.1901	.4909325	1.106398
#2	4.545866	.0903075	.0982705	847.9673	.4918147	1.107558
#3	4.479621	.0902740	.0983880	847.9338	.4902912	1.109385

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5601210	215.3702	5.184993	172.7254	1.342608	.0836805
Stddev	.0027154	1.5879	.048203	.9606	.001830	.0004976
%RSD	.4847887	.7372895	.9296545	.5561489	.1363083	.5946100

#1	.5602298	214.8212	5.157745	172.1714	1.342865	.0842488
#2	.5627804	217.1597	5.240649	173.8346	1.340664	.0834696
#3	.5573529	214.1296	5.156586	172.1701	1.344297	.0833231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8749197	1.013101	1.477212	19.82888	4.607146	.1054814
Stddev	.1736046	.002952	.009222	.08002	.014644	.0047309
%RSD	19.84235	.2914135	.6242672	.4035561	.3178530	4.485006

#1	1.074002	1.013476	1.475482	19.73856	4.607985	.1045495
#2	.755051	1.015847	1.487176	19.85712	4.592101	.1106088
#3	.795706	1.009978	1.468977	19.89094	4.621353	.1012858

Sample Name: K4216-03 Acquired: 08/15/2019 15:40:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB4S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647528	57.97677	3.920610	.0004887	.9067971	.2213659
Stddev	.0002264	.08140	.017256	.0016386	.0045016	.0031179
%RSD	.3496491	.1404067	.4401325	335.3232	.4964310	1.408465
#1	.0645689	58.06841	3.904217	.0018968	.9018377	.2185159
#2	.0650057	57.94908	3.938616	-.001310	.9106250	.2246959
#3	.0646839	57.91282	3.918996	.000879	.9079286	.2208858

Elem	Sr4077
Units	ppm
Avg	1.223369
Stddev	.002967
%RSD	.2425456
#1	1.222625
#2	1.226637
#3	1.220844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1495.168	2525.410	32363.70	5702.233	2438.240
Stddev	5.703	3.370	54.69	22.409	7.552
%RSD	.3814444	.1334433	.1689827	.3929825	.3097412
#1	1498.671	2521.571	32355.22	5727.159	2430.061
#2	1488.587	2527.882	32313.75	5695.783	2444.950
#3	1498.247	2526.776	32422.14	5683.757	2439.708

Sample Name: K4216-02 Acquired: 08/15/2019 15:36:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809915	.0041135	.1261914	.0092128	.0028362	82.82570
Stddev	.0017949	.0009022	.0019415	.0017153	.0017096	.69241
%RSD	2.216186	21.93324	1.538512	18.61809	60.27793	.8359792

#1	.0821502	.0032173	.1278407	.0098002	.0026675	82.02622
#2	.0789239	.0041015	.1266818	.0105572	.0012172	83.21898
#3	.0819003	.0050216	.1240518	.0072810	.0046239	83.23192

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9111045	.0070943	.0001251	F 867.4196	.1367401	.1283274
Stddev	.0109633	.0000524	.0002370	10.9306	.0002095	.0004791
%RSD	1.203299	.7380202	189.4185	1.260130	.1532188	.3733627

#1	.8989388	.0070379	.0003725	857.0411	.1369280	.1277993
#2	.9202190	.0071415	.0001028	878.8293	.1367781	.1287342
#3	.9141558	.0071034	-.000100	866.3884	.1365142	.1284487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2292748	216.6781	4.230299	158.9500	.3551058	-.002709
Stddev	.0004483	2.3295	.054629	2.0419	.0031591	.000313
%RSD	.1955499	1.075092	1.291367	1.284598	.8896196	11.55479

#1	.2296078	214.1208	4.168791	156.6867	.3515972	-.002827
#2	.2294516	218.6791	4.273172	160.6538	.3577244	-.002946
#3	.2287650	217.2345	4.248934	159.5095	.3559959	-.002354

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.151059	.1900830	.5737432	19.25384	4.750111	.0958190
Stddev	.153621	.0035717	.0055505	.08811	.005807	.0022605
%RSD	13.34602	1.879011	.9674232	.4576351	.1222466	2.359137

#1	1.327398	.1864022	.5801023	19.17822	4.743723	.0940454
#2	1.046226	.1903123	.5712563	19.35060	4.751540	.0983643
#3	1.079552	.1935345	.5698711	19.23271	4.755070	.0950472

Sample Name: K4216-02 Acquired: 08/15/2019 15:36:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690115	69.55493	4.501562	-.000599	.8362062	.2125092
Stddev	.0004524	.16993	.096985	.001055	.0055972	.0047068
%RSD	.6554742	.2443172	2.154466	176.2242	.6693609	2.214886

#1	.0688516	69.49826	4.413724	-.000533	.8301288	.2071129
#2	.0695221	69.42057	4.605642	.000422	.8411496	.2146460
#3	.0686608	69.74596	4.485322	-.001685	.8373402	.2157685

Elem	Sr4077
Units	ppm
Avg	1.247240
Stddev	.003636
%RSD	.2915246

#1	1.244031
#2	1.246501
#3	1.251189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.731	2525.238	32416.30	5749.726	2440.248
Stddev	1.979	5.596	176.79	62.086	14.450
%RSD	.1313344	.2216104	.5453603	1.079800	.5921709

#1	1504.695	2527.436	32561.80	5819.207	2455.544
#2	1508.647	2529.401	32467.55	5699.691	2438.375
#3	1506.853	2518.877	32219.55	5730.280	2426.826

Sample Name: K4255-01 Acquired: 08/15/2019 15:48:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003634	-.002217	.0168064	.0123005	-.000145	.1296646	.0982773
Stddev	.0016248	.002208	.0012047	.0017521	.000818	.0060299	.0004708
%RSD	447.1277	99.59810	7.167914	14.24391	565.2057	4.650392	.4790174

#1	.0020913	-.004214	.0181007	.0103029	.000800	.1349029	.0981092
#2	-.001134	-.002591	.0157178	.0135770	-.000599	.1310179	.0988090
#3	.000132	.000154	.0166007	.0130215	-.000635	.1230730	.0979136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002478	-.000215	126.6409	.0016806	-.000178	-.000431	8.462538
Stddev	.0000347	.000012	.6211	.0000980	.000260	.002286	.023344
%RSD	14.00978	5.617473	.4904435	5.828840	146.1405	530.2026	.2758552

#1	.0002848	-.000227	126.7586	.0016184	-.000456	.002153	8.476672
#2	.0002159	-.000216	127.1948	.0016299	-.000133	-.002190	8.475350
#3	.0002428	-.000203	125.9694	.0017935	.000057	-.001256	8.435593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8037745	26.23704	.0030347	-.000160	17.43916	.0033029	.0294409
Stddev	.0065280	.13889	.0003097	.000081	.06243	.0026206	.0010068
%RSD	.8121679	.5293840	10.20603	50.71228	.3579848	79.34432	3.419850

#1	.8073636	26.33280	.0033880	-.000124	17.45849	.0015743	.0297823
#2	.8077205	26.30058	.0028099	-.000254	17.36935	.0063181	.0283078
#3	.7962394	26.07774	.0029062	-.000104	17.48963	.0020161	.0302327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.075398	.3942627	.3212680	.0075756	16.95852	12.11914	.0061679
Stddev	.064441	.0046839	.0027990	.0004517	.06772	.09860	.0018572
%RSD	.9107806	1.188012	.8712289	5.962970	.3993177	.8135879	30.11081

#1	7.147471	.3936497	.3234193	.0070604	16.94241	12.18797	.0048176
#2	7.055390	.3899155	.3222812	.0077622	16.90032	12.16328	.0082859
#3	7.023335	.3992229	.3181035	.0079041	17.03285	12.00619	.0054003

Sample Name: K4255-01 Acquired: 08/15/2019 15:48:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003874	-.001955	1.473954
Stddev	.0010466	.000156	.002174
%RSD	270.1861	7.984341	.1474898

#1	-.000511	-.002102	1.472849
#2	.001537	-.001973	1.472555
#3	.000136	-.001791	1.476459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.113	2419.172	30581.21	5236.000	2624.347
Stddev	10.453	10.309	208.64	32.109	10.001
%RSD	.7144392	.4261177	.6822348	.6132380	.3810874

#1	1454.571	2429.971	30446.57	5198.931	2635.434
#2	1474.769	2418.108	30821.54	5255.191	2621.604
#3	1459.998	2409.436	30475.51	5253.878	2616.005

Sample Name: K4216-01LX5 Acquired: 08/15/2019 15:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196500	.0054085	.0255047	.0033813	.0005013	18.34177	.2054197
Stddev	.0010763	.0013599	.0018470	.0024122	.0016278	.02248	.0009094
%RSD	5.477283	25.14398	7.241851	71.34001	324.7224	.1225490	.4427189

#1	.0207615	.0069774	.0252578	.0008545	.0003865	18.34720	.2046324
#2	.0186128	.0046824	.0237936	.0056596	.0021834	18.31708	.2064152
#3	.0195757	.0045657	.0274627	.0036297	-.001066	18.36104	.2052115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016831	-.000310	199.4305	.0329434	.0244254	.0550029	50.51297
Stddev	.0000685	.000077	1.1639	.0005956	.0003912	.0022235	.11910
%RSD	4.068497	24.87667	.5836171	1.807840	1.601760	4.042520	.2357749

#1	.0017544	-.000384	198.1970	.0335413	.0246107	.0531810	50.42173
#2	.0016179	-.000315	200.5094	.0323502	.0239759	.0574805	50.64770
#3	.0016771	-.000230	199.5850	.0329387	.0246896	.0543471	50.46948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9835630	35.80490	.0729317	-.000545	.0530351	.0450945	.1268954
Stddev	.0039881	.16335	.0000744	.000172	.1455276	.0038033	.0025938
%RSD	.4054770	.4562219	.1019873	31.49506	274.3986	8.433973	2.044023

#1	.9801347	35.69782	.0730051	-.000401	.1657963	.0482475	.1252328
#2	.9879399	35.99292	.0728564	-.000499	.1045525	.0461656	.1255694
#3	.9826142	35.72397	.0729336	-.000734	-.111243	.0408706	.1298842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.141911	.9974034	.0237965	.0155188	14.38807	1.019486	-.006095
Stddev	.071548	.0063681	.0012920	.0003185	.06404	.016054	.001109
%RSD	1.727426	.6384627	5.429417	2.052586	.4450776	1.574678	18.19520

#1	4.171229	.9900859	.0249501	.0158841	14.31429	1.020587	-.004864
#2	4.194144	1.001689	.0224004	.0152991	14.42066	1.034960	-.006405
#3	4.060360	1.000436	.0240391	.0153732	14.42925	1.002909	-.007016

Sample Name: K4216-01LX5 Acquired: 08/15/2019 15:44:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1899837	.0427871	.2782505
Stddev	.0003520	.0011990	.0009263
%RSD	.1852621	2.802354	.3328993

#1	.1896121	.0416287	.2785201
#2	.1900269	.0440231	.2772194
#3	.1903121	.0427095	.2790122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.123	2362.089	29896.87	5183.777	2514.022
Stddev	8.482	1.997	87.30	27.619	3.661
%RSD	.6001983	.0845561	.2919874	.5328012	.1456325

#1	1410.264	2363.682	29821.34	5212.300	2516.791
#2	1422.664	2359.848	29876.82	5157.160	2509.871
#3	1406.440	2362.736	29992.44	5181.871	2515.403

Sample Name: K4255-02 Acquired: 08/15/2019 15:52:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013009	-.003812	.0159670	.0118217	-.000288	.1157303	.0980918
Stddev	.0019021	.002269	.0016597	.0016642	.000247	.0088814	.0008255
%RSD	146.2148	59.52597	10.39466	14.07749	85.56821	7.674197	.8415358

#1	.0033113	-.002214	.0178793	.0137331	-.000194	.1258495	.0987362
#2	-.000470	-.002812	.0151209	.0106938	-.000569	.1121127	.0983778
#3	.001062	-.006408	.0149009	.0110383	-.000103	.1092286	.0971613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002537	-.000222	126.7215	.0011269	-.000167	.0033041	8.415697
Stddev	.0000297	.000051	1.1634	.0001672	.000252	.0014913	.026797
%RSD	11.70830	22.77384	.9180670	14.83654	150.9757	45.13356	.3184192

#1	.0002713	-.000241	127.9156	.0013010	-.000159	.0017733	8.446640
#2	.0002704	-.000165	126.6573	.0009677	.000081	.0033868	8.400211
#3	.0002194	-.000261	125.5915	.0011118	-.000423	.0047524	8.400241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8065055	26.26579	.0028548	.0000121	17.34649	.0022621	.0348926
Stddev	.0054136	.22234	.0005409	.0001293	.22440	.0020002	.0019487
%RSD	.6712360	.8465047	18.94662	1068.092	1.293623	88.42328	5.584895

#1	.8124241	26.48245	.0026903	.0001416	17.13890	.0041479	.0334691
#2	.8052879	26.27673	.0034589	.0000116	17.31600	.0024741	.0340952
#3	.8018044	26.03817	.0024153	-.000117	17.58458	.0001643	.0371136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.014695	.3928799	.3198367	.0073151	17.05222	12.09756	.0062225
Stddev	.045776	.0031501	.0044932	.0005861	.01601	.20793	.0014312
%RSD	.6525716	.8018011	1.404843	8.012562	.0938829	1.718778	22.99984

#1	7.049816	.3948873	.3248401	.0067791	17.06998	12.32661	.0051009
#2	6.962924	.3945032	.3185240	.0079410	17.03891	12.04540	.0078344
#3	7.031344	.3892492	.3161461	.0072252	17.04776	11.92068	.0057323

Sample Name: K4255-02 Acquired: 08/15/2019 15:52:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010635	-.001300	1.474311
Stddev	.0008220	.001705	.002101
%RSD	77.28644	131.1773	.1424997

#1	.0019201	-.002811	1.475973
#2	.0009894	.000549	1.475010
#3	.0002811	-.001637	1.471949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.584	2410.335	30423.16	5204.993	2613.292
Stddev	7.535	3.952	153.87	60.007	7.367
%RSD	.5176548	.1639674	.5057595	1.152878	.2819015

#1	1463.430	2414.561	30600.17	5149.152	2621.785
#2	1448.405	2409.715	30347.90	5197.385	2608.631
#3	1454.916	2406.730	30321.41	5268.441	2609.460

Sample Name: K4255-03 Acquired: 08/15/2019 15:56:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433351	.0476001	.0371510	.0664847	.1144375	2.195362	2.299836
Stddev	.0030037	.0014398	.0022219	.0010564	.0027663	.004687	.020233
%RSD	6.931377	3.024697	5.980795	1.588965	2.417279	.2134778	.8797646

#1	.0409327	.0486739	.0376455	.0654565	.1168820	2.194540	2.277615
#2	.0467028	.0481622	.0347235	.0664305	.1149960	2.191141	2.317196
#3	.0423697	.0459640	.0390840	.0675672	.1114346	2.200405	2.304697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554050	.0589115	126.8092	.2311111	.5505593	.2254235	9.621536
Stddev	.0007781	.0000761	1.2651	.0005036	.0005560	.0026986	.069591
%RSD	1.404307	.1291443	.9976716	.2179197	.1009903	1.197119	.7232823

#1	.0549480	.0589966	125.3760	.2306311	.5505015	.2223777	9.549281
#2	.0563034	.0588878	127.7711	.2310666	.5511420	.2275165	9.688115
#3	.0549637	.0588501	127.2803	.2316354	.5500344	.2263761	9.627211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.355913	26.24757	.5694811	.0520528	17.69791	.5575939	.6009628
Stddev	.013208	.23862	.0008312	.0006246	.25516	.0050697	.0051178
%RSD	.9741151	.9091090	.1459671	1.199944	1.441771	.9092100	.8515952

#1	1.342226	26.03599	.5699445	.0527627	17.40970	.5530171	.6030690
#2	1.368583	26.50622	.5685214	.0515877	17.89503	.5630432	.5951280
#3	1.356931	26.20051	.5699773	.0518081	17.78900	.5567214	.6046914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.032727	.3849435	.3207368	.0074676	16.81729	12.02484	.0032221
Stddev	.058572	.0005693	.0054075	.0004843	.02048	.17595	.0013180
%RSD	.8328459	.1478976	1.685964	6.485875	.1217898	1.463223	40.90350

#1	6.965119	.3854064	.3174527	.0069117	16.82508	11.87848	.0041283
#2	7.068105	.3843078	.3269780	.0076925	16.79405	12.22005	.0017102
#3	7.064958	.3851163	.3177797	.0077986	16.83273	11.97598	.0038279

Sample Name: K4255-03 Acquired: 08/15/2019 15:56:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013993	.0021706	1.491415
Stddev	.0018995	.0008097	.003773
%RSD	135.7494	37.30142	.2530096

#1	.0012670	.0013546	1.488003
#2	.0033614	.0029738	1.495468
#3	-.000431	.0021834	1.490773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.718	2381.547	30250.26	5273.601	2588.530
Stddev	1.872	5.710	145.98	59.604	4.331
%RSD	.1295634	.2397798	.4825597	1.130236	.1673226

#1	1445.431	2387.718	30083.63	5331.635	2591.162
#2	1446.128	2376.449	30311.54	5212.542	2583.531
#3	1442.594	2380.476	30355.61	5276.626	2590.897

Sample Name: K4255-01LX5 Acquired: 08/15/2019 16:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000385	-.000777	.0065861	.0019986	-.000961	.0230847	.0204151
Stddev	.001098	.001208	.0009643	.0017322	.001643	.0064421	.0004583
%RSD	284.9408	155.3771	14.64135	86.66904	171.0091	27.90616	2.245087

#1	.000805	.000436	.0064379	.0009488	-.002065	.0296512	.0204816
#2	-.001358	-.001979	.0057045	.0010491	.000928	.0228281	.0199271
#3	-.000602	-.000788	.0076159	.0039978	-.001746	.0167748	.0208365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000195	-.000125	26.03210	.0001665	-.000744	.0047072	1.748690
Stddev	.0000380	.000076	.09949	.0002192	.000276	.0004117	.014713
%RSD	194.8292	60.40792	.3821922	131.6309	37.08237	8.745215	.8413631

#1	.0000580	-.000196	26.14563	.0004164	-.001025	.0047129	1.765446
#2	.0000184	-.000046	25.99057	.0000065	-.000473	.0051159	1.737886
#3	-.000018	-.000134	25.96010	.0000767	-.000735	.0042927	1.742737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1678820	5.339707	.0000988	-.000354	3.506963	-.000482	.0063451
Stddev	.0007532	.042194	.0000546	.000332	.205029	.001747	.0011139
%RSD	.4486383	.7901901	55.27273	93.89723	5.846327	362.6155	17.55515

#1	.1686393	5.307885	.0000385	-.000212	3.655283	.000282	.0076275
#2	.1678737	5.387568	.0001129	-.000116	3.592609	.000753	.0057902
#3	.1671330	5.323668	.0001450	-.000733	3.272998	-.002480	.0056177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378192	.0796157	.0635454	.0017136	3.433491	2.452586	-.000215
Stddev	.056966	.0014875	.0009252	.0001656	.003933	.019491	.001223
%RSD	4.133358	1.868310	1.455954	9.661534	.1145524	.7947163	568.4508

#1	1.382217	.0794999	.0642151	.0018938	3.433242	2.464265	.001166
#2	1.433038	.0811577	.0639314	.0015683	3.429689	2.463407	-.000652
#3	1.319321	.0781895	.0624897	.0016786	3.437543	2.430085	-.001160

Sample Name: K4255-01LX5 Acquired: 08/15/2019 16:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005557	-.002926	.3020960
Stddev	.0000337	.001625	.0003994
%RSD	6.060151	55.53387	.1322135

#1	.0005174	-.001067	.3022968
#2	.0005806	-.004074	.3016360
#3	.0005691	-.003637	.3023552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.421	2333.820	29487.21	5111.266	2519.946
Stddev	5.262	4.888	252.42	25.215	6.592
%RSD	.3725373	.2094557	.8560365	.4933266	.2615744

#1	1407.677	2328.203	29338.38	5083.873	2512.570
#2	1418.080	2337.114	29778.66	5116.419	2525.261
#3	1411.504	2336.142	29344.59	5133.507	2522.008

Sample Name: PB122301BL Acquired: 08/15/2019 16:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020838	.0016304	.0020522	-.000370	.0015780	-.013099	.0002365
Stddev	.0020094	.0018968	.0020662	.001416	.0013047	.007106	.0002629
%RSD	96.43093	116.3378	100.6822	383.1245	82.67735	54.24865	111.1627

#1	.0012603	.0038136	.0009747	-.000300	.0013543	-.008348	.0005366
#2	.0006169	.0003878	.0007475	-.001820	.0029801	-.021268	.0000469
#3	.0043741	.0006898	.0044344	.001010	.0003997	-.009681	.0001260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000326	.0000141	-.002085	-.000255	-.000142	.0018060	.0128536
Stddev	.0000886	.0001211	.013414	.000164	.000185	.0014776	.0034212
%RSD	271.8579	859.9834	643.4619	64.37995	130.1917	81.81671	26.61685

#1	.0000187	-.000098	.013264	-.000129	.000071	.0027278	.0142181
#2	-.000048	-.000003	-.007960	-.000195	-.000258	.0025885	.0153819
#3	.000127	.000143	-.011558	-.000440	-.000238	.0001017	.0089606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003179	.0138834	-.000122	-.000601	-.329083	.0012808	-.000883
Stddev	.0001270	.0422040	.000288	.000357	.024578	.0013762	.002055
%RSD	39.95700	303.9887	236.3790	59.40070	7.468524	107.4529	232.6806

#1	.0001986	.0409003	.000125	-.000382	-.357047	.0017573	.000547
#2	.0004515	-.034750	-.000438	-.000408	-.319290	.0023553	-.003238
#3	.0003038	.035500	-.000053	-.001013	-.310911	-.000270	.000041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049612	-.002132	-.003843	.0002347	-.011472	.0009760	-.002220
Stddev	.043425	.000605	.001024	.0002831	.002429	.0003646	.001210
%RSD	87.53003	28.36224	26.63459	120.6010	21.17659	37.35914	54.50967

#1	-.016454	-.001537	-.004398	.0002886	-.012146	.0013054	-.001071
#2	-.098766	-.002113	-.002662	.0004870	-.013494	.0010386	-.002107
#3	-.033614	-.002745	-.004470	-.000071	-.008777	.0005842	-.003484

Sample Name: PB122301BL Acquired: 08/15/2019 16:09:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW301 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000730	-.007401	.0000751
Stddev	.0003357	.000921	.0000291
%RSD	459.8148	12.43741	38.67807

#1	.0001422	-.008386	.0000954
#2	.0003687	-.006562	.0000883
#3	-.000292	-.007256	.0000418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.122	2301.118	29276.14	5048.750	2465.101
Stddev	5.217	1.558	54.88	38.582	2.242
%RSD	.3713113	.0677240	.1874719	.7641794	.0909627

#1	1406.852	2300.292	29243.08	5006.276	2462.512
#2	1409.255	2300.147	29245.84	5058.346	2466.425
#3	1399.260	2302.916	29339.49	5081.627	2466.366

Sample Name: K4216-05 Acquired: 08/15/2019 16:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573919	.0026569	1.654949	.0110375	.0038182	76.92219	1.553792
Stddev	.0024951	.0031732	.001547	.0022306	.0006015	.19552	.004909
%RSD	4.347475	119.4325	.0934554	20.20948	15.75439	.2541757	.3159183

#1	.0554584	.0002903	1.654773	.0086899	.0045128	77.08794	1.554379
#2	.0602084	.0014177	1.653497	.0131290	.0034698	76.70656	1.548615
#3	.0565087	.0062627	1.656575	.0112935	.0034719	76.97207	1.558380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072965	.0663194	481.9935	.6852455	.0510728	.6881082	179.8109
Stddev	.0001540	.0003363	1.1221	.0028238	.0006107	.0024878	.1897
%RSD	2.110771	.5071300	.2328005	.4120816	1.195815	.3615391	.1055079

#1	.0074469	.0665647	483.1272	.6856518	.0511997	.6880977	179.9238
#2	.0073034	.0659360	480.8834	.6822406	.0516101	.6856257	179.5919
#3	.0071391	.0664575	481.9700	.6878441	.0504086	.6906013	179.9170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.64465	96.33019	.2742791	.0000161	1.256673	.1898989	2.605768
Stddev	.04537	.06157	.0006696	.0002237	.081323	.0036692	.004464
%RSD	.3588220	.0639128	.2441406	1387.993	6.471288	1.932181	.1713272

#1	12.68673	96.26493	.2748998	-.000036	1.170911	.1939492	2.609987
#2	12.59658	96.33841	.2743682	-.000177	1.266433	.1867970	2.606224
#3	12.65064	96.38724	.2735694	.000261	1.332676	.1889504	2.601094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.577364	3.191466	.0888664	.0452758	6.774692	3.682861	.0490101
Stddev	.044631	.005993	.0021868	.0004313	.015887	.030363	.0014568
%RSD	.5890058	.1877769	2.460806	.9526845	.2345034	.8244379	2.972444

#1	7.525837	3.184911	.0909139	.0448331	6.772460	3.687306	.0502675
#2	7.602337	3.192822	.0865628	.0456948	6.760040	3.710756	.0474137
#3	7.603919	3.196664	.0891226	.0452996	6.791577	3.650520	.0493491

Sample Name: K4216-05 Acquired: 08/15/2019 16:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.523365	.0779367	1.558275
Stddev	.009940	.0012331	.002518
%RSD	.3939083	1.582180	.1615691

#1	2.534347	.0792735	1.560556
#2	2.514985	.0768438	1.555573
#3	2.520762	.0776929	1.558695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.840	2447.799	31274.50	5502.279	2502.581
Stddev	4.548	2.974	204.43	30.673	2.337
%RSD	.3092086	.1214998	.6536779	.5574671	.0933781

#1	1474.981	2447.275	31326.97	5515.558	2501.624
#2	1465.973	2445.122	31447.58	5467.204	2500.873
#3	1471.567	2451.001	31048.94	5524.076	2505.244

Sample Name: K4216-04 Acquired: 08/15/2019 16:13:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1004302	-.000230	1.047119	.0122246	.0029469	93.28540
Stddev	.0028403	.001835	.001329	.0014575	.0004260	.27424
%RSD	2.828129	796.3883	.1268946	11.92262	14.45551	.2939826

#1	.1019553	-.001523	1.047929	.0135467	.0027491	92.97785
#2	.1021822	.001870	1.045585	.0106617	.0034358	93.37381
#3	.0971531	-.001039	1.047842	.0124654	.0026558	93.50453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9872061	.0370205	.0070020	95.21041	.1376891	.1183367
Stddev	.0022750	.0002798	.0000270	.42036	.0005320	.0000224
%RSD	.2304461	.7557608	.3849405	.4415072	.3864050	.0189063

#1	.9850311	.0366985	.0070100	94.72627	.1370815	.1183555
#2	.9895694	.0372044	.0069719	95.42231	.1380716	.1183426
#3	.9870179	.0371586	.0070240	95.48265	.1379141	.1183120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4519638	165.4613	.8722054	16.21726	.3194990	-.001016
Stddev	.0032548	.7490	.0041298	.03011	.0004007	.000284
%RSD	.7201544	.4526523	.4734882	.1856461	.1254144	27.96755

#1	.4529670	164.7828	.8681281	16.18260	.3199521	-.000706
#2	.4483255	165.3360	.8721022	16.23229	.3193536	-.001265
#3	.4545990	166.2650	.8763858	16.23689	.3191913	-.001078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226042	.2496200	.9780743	6.725610	F 12.12166	.4228939
Stddev	.093536	.0034467	.0015487	.048870	.04962	.0021727
%RSD	7.629085	1.380773	.1583420	.7266237	.4093663	.5137735

#1	1.118414	.2460199	.9764613	6.722865	12.13654	.4204881
#2	1.287676	.2499508	.9782123	6.775795	12.06630	.4234804
#3	1.272037	.2528894	.9795495	6.678171	12.16214	.4247131

Sample Name: K4216-04 Acquired: 08/15/2019 16:13:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450024	40.35580	1.545449	.0157244	2.662646	.0838606
Stddev	.0005358	.18702	.030562	.0008895	.010498	.0002520
%RSD	1.190505	.4634310	1.977552	5.656870	.3942553	.3005620
#1	.0456055	40.31672	1.510640	.0157512	2.652276	.0835863
#2	.0445816	40.19140	1.567881	.0166002	2.662395	.0839134
#3	.0448202	40.55927	1.557826	.0148218	2.673267	.0840820

Elem	Sr4077
Units	ppm
Avg	.8966482
Stddev	.0008891
%RSD	.0991580
#1	.8973019
#2	.8956358
#3	.8970070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.693	3099.143	39660.31	6883.664	2591.368
Stddev	9.795	3.257	244.75	13.374	9.798
%RSD	.5269835	.1050803	.6171095	.1942796	.3781047
#1	1847.389	3098.477	39391.19	6899.092	2590.215
#2	1864.021	3102.681	39869.59	6876.512	2601.692
#3	1864.669	3096.271	39720.15	6875.386	2582.198

Sample Name: K4216-06 Acquired: 08/15/2019 16:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573163	.0043290	.1551170	.0047859	.0008431	24.69715	.1861799
Stddev	.0030648	.0006155	.0001518	.0018046	.0010752	.04991	.0006227
%RSD	5.347238	14.21857	.0978324	37.70742	127.5283	.2020711	.3344618

#1	.0584887	.0050145	.1552200	.0052168	.0013728	24.65221	.1855416
#2	.0538384	.0038238	.1549427	.0063361	-.000394	24.75086	.1867857
#3	.0596219	.0041486	.1551883	.0028048	.001551	24.68837	.1862124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027486	.0009297	665.6510	.0571122	.0618689	.0791271	85.80947
Stddev	.0001358	.0000280	3.9225	.0003762	.0002436	.0034440	.49244
%RSD	4.941659	3.008768	.5892786	.6587510	.3936885	4.352468	.5738714

#1	.0027316	.0009591	668.7916	.0573377	.0618780	.0796293	85.67678
#2	.0026220	.0009034	661.2543	.0566779	.0621078	.0754596	86.35465
#3	.0028921	.0009268	666.9072	.0573210	.0616209	.0822924	85.39697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240982	180.9004	.1205775	-.000915	.0282549	.0806904	.3153928
Stddev	.016147	1.0124	.0011658	.000192	.0404542	.0032047	.0031570
%RSD	.7205193	.5596513	.9668265	20.96506	143.1762	3.971564	1.000976

#1	2.237390	180.4403	.1219201	-.000956	.0299397	.0839648	.3169622
#2	2.258622	182.0612	.1199907	-.001083	.0678404	.0805460	.3174576
#3	2.226934	180.1997	.1198217	-.000706	-.013015	.0775604	.3117587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.982620	4.426249	.0321278	.0388331	25.62031	1.447940	-.003618
Stddev	.039204	.010647	.0016291	.0000190	.03226	.009620	.000466
%RSD	.9843861	.2405379	5.070793	.0490084	.1259335	.6643964	12.87385

#1	3.978616	4.437371	.0329706	.0388535	25.62728	1.450433	-.003505
#2	3.945572	4.416152	.0331628	.0388302	25.64853	1.437319	-.004130
#3	4.023673	4.425225	.0302499	.0388157	25.58513	1.456068	-.003220

Sample Name: K4216-06 Acquired: 08/15/2019 16:21:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4607929	.0480843	.6451244
Stddev	.0048087	.0024371	.0028659
%RSD	1.043582	5.068447	.4442397

#1	.4563698	.0508972	.6479294
#2	.4659116	.0466068	.6422012
#3	.4600975	.0467488	.6452426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.217	2424.631	31055.97	5430.866	2482.157
Stddev	4.471	7.897	68.24	47.587	1.462
%RSD	.3104281	.3257036	.2197333	.8762264	.0589044

#1	1439.459	2431.595	31052.86	5471.266	2483.263
#2	1436.173	2426.247	30989.33	5442.922	2482.710
#3	1445.018	2416.051	31125.70	5378.411	2480.499

Sample Name: CCV042 Acquired: 08/15/2019 16:25:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.718480	4.965895	24.27820	4.723780	4.902789	399.8131	10.01042
Stddev	.029447	.017520	.01571	.008009	.009435	4.4072	.09178
%RSD	.6240740	.3528159	.0647014	.1695519	.1924342	1.102323	.9168616

#1	4.724800	4.985814	24.26574	4.728471	4.911385	403.8884	10.09837
#2	4.686386	4.959001	24.27300	4.714532	4.892695	395.1358	9.91523
#3	4.744253	4.952870	24.29585	4.728338	4.904287	400.4151	10.01766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4911640	2.367048	408.9471	14.97188	2.436593	14.54211	408.8445
Stddev	.0082185	.001889	3.5275	.00933	.002391	.02194	2.9369
%RSD	1.673261	.0798019	.8625761	.0623208	.0981244	.1508968	.7183427

#1	.4966003	2.365180	411.6169	14.97200	2.436179	14.54787	410.8765
#2	.4817095	2.368958	404.9482	14.96248	2.439164	14.51786	405.4772
#3	.4951821	2.367004	410.2764	14.98114	2.434436	14.56060	410.1797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64061	399.0938	2.439936	1.253159	398.6218	2.451015	14.25476
Stddev	.12203	2.9938	.002429	.009871	2.1076	.022136	.13901
%RSD	.8334892	.7501371	.0995663	.7876834	.5287293	.9031253	.9752142

#1	14.73271	401.0393	2.439580	1.242987	400.5725	2.471426	14.24012
#2	14.50220	395.6464	2.442524	1.253792	396.3862	2.427485	14.40052
#3	14.68690	400.5957	2.437704	1.262699	398.9066	2.454134	14.12365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.9304	5.033779	4.855287	4.672357	4.828403	4.867696	4.807594
Stddev	.4051	.025787	.067988	.006760	.028756	.075232	.005972
%RSD	.2719843	.5122834	1.400292	.1446757	.5955569	1.545545	.1242269

#1	149.2410	5.060091	4.895815	4.675061	4.853690	4.915301	4.801850
#2	148.4722	5.008551	4.776795	4.664663	4.797123	4.780963	4.807160
#3	149.0779	5.032694	4.893251	4.677345	4.834397	4.906824	4.813771

Sample Name: CCV042 Acquired: 08/15/2019 16:25:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.762289	4.877611	4.824391
Stddev	.013228	.057232	.057205
%RSD	.2777745	1.173365	1.185738

#1	4.773181	4.928645	4.866559
#2	4.747568	4.815732	4.759276
#3	4.766118	4.888456	4.847338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1220.560	2106.942	27656.85	4828.268	2451.767
Stddev	9.152	2.834	269.94	49.288	2.164
%RSD	.7498108	.1345255	.9760260	1.020818	.0882673

#1	1223.325	2108.766	27955.68	4806.522	2453.794
#2	1210.345	2108.383	27430.68	4884.689	2449.488
#3	1228.012	2103.677	27584.19	4793.593	2452.019

Sample Name: CCB042 Acquired: 08/15/2019 16:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000704	.0038088	.0025974	.0022197	-.000374	.0144161	.0005745
Stddev	.0018492	.0011951	.0015061	.0011818	.001092	.0035553	.0004796
%RSD	2625.219	31.37662	57.98781	53.24130	291.9095	24.66213	83.47399

#1	.0013124	.0040321	.0023915	.0014391	-.000789	.0178089	.0003025
#2	.0009537	.0048765	.0041958	.0035793	.000865	.0107179	.0002928
#3	-.002055	.0025178	.0012047	.0016407	-.001198	.0147215	.0011282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000141	-.000023	.0169562	.0003840	-.000142	.0075424	.0240360
Stddev	.0000170	.000090	.0018682	.0002154	.000448	.0005408	.0116546
%RSD	121.0412	384.6256	11.01762	56.08521	316.3088	7.169618	48.48804

#1	.0000335	-.000095	.0162564	.0002937	.000023	.0080912	.0220403
#2	.0000071	.000077	.0155389	.0006299	-.000649	.0070100	.0135081
#3	.0000017	-.000052	.0190732	.0002285	.000201	.0075261	.0365596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011084	.0347772	-.000300	-.000348	-.265657	.0026359	-.000591
Stddev	.0004862	.0108975	.000098	.000082	.141632	.0017991	.000589
%RSD	43.86435	31.33517	32.82817	23.57845	53.31393	68.25504	99.62965

#1	.0011186	.0447756	-.000212	-.000254	-.288181	.0039957	-.000794
#2	.0006172	.0231614	-.000282	-.000406	-.394678	.0033161	.000072
#3	.0015894	.0363946	-.000406	-.000383	-.114113	.0005958	-.001051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158382	-.001107	.0071375	.0007186	-.007394	.0015844	-.000882
Stddev	.0056137	.001428	.0011987	.0005165	.001703	.0014476	.001302
%RSD	35.44423	129.0727	16.79389	71.87276	23.02872	91.36654	147.6890

#1	.0131509	-.000069	.0083020	.0008271	-.007727	.0008694	.000501
#2	.0120732	-.002736	.0072031	.0011722	-.008905	.0032504	-.002084
#3	.0222905	-.000515	.0059074	.0001565	-.005549	.0006334	-.001062

Sample Name: CCB042 Acquired: 08/15/2019 16:29:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000146	.0007390	.0001633
Stddev	.0008725	.0010999	.0001286
%RSD	5966.354	148.8344	78.70797

#1	.0003141	.0006488	.0002863
#2	-.000968	.0018813	.0001738
#3	.000698	-.000313	.0000299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.563	2322.888	29115.92	5005.423	2490.101
Stddev	4.010	1.478	107.55	40.786	4.930
%RSD	.2849093	.0636470	.3693944	.8148451	.1979789

#1	1410.955	2324.306	29167.97	5015.177	2495.322
#2	1403.137	2323.002	28992.24	5040.448	2489.455
#3	1408.596	2321.356	29187.54	4960.644	2485.526

Sample Name: K4216-07 Acquired: 08/15/2019 16:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319765	.0072087	.3178304	.0119720	.0012527	46.78459	.3315881
Stddev	.0018685	.0008815	.0028318	.0037355	.0024068	.02641	.0013380
%RSD	5.843189	12.22890	.8909717	31.20175	192.1269	.0564398	.4035181

#1	.0338346	.0062268	.3192998	.0076627	.0021496	46.78372	.3330821
#2	.0300979	.0079320	.3145659	.0142879	.0030824	46.75864	.3311822
#3	.0319972	.0074672	.3196253	.0139655	-.001474	46.81143	.3305001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054352	.0109862	101.4861	.9055327	.0311008	1.362608	254.9513
Stddev	.0001205	.0000577	.5768	.0043294	.0001350	.005326	.1932
%RSD	2.216334	.5249139	.5683839	.4781093	.4339212	.3909033	.0757735

#1	.0052961	.0109832	102.1167	.9025887	.0311403	1.367249	254.7789
#2	.0055041	.0110453	100.9850	.9035057	.0309506	1.356792	254.9149
#3	.0055054	.0109300	101.3566	.9105038	.0312117	1.363783	255.1601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.30406	16.00182	.3082620	-.001193	.0668788	.1411211	.2731854
Stddev	.02718	.03682	.0009626	.000250	.1504494	.0013696	.0049646
%RSD	.2209258	.2300756	.3122548	20.98382	224.9583	.9704938	1.817312

#1	12.31940	16.03032	.3073670	-.001145	.1926909	.1425788	.2789126
#2	12.27268	16.01488	.3081388	-.000970	-.099775	.1409233	.2705378
#3	12.32011	15.96025	.3092803	-.001464	.107720	.1398612	.2701058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.164541	1.141681	.0629280	.1144135	6.246771	3.592756	.0552934
Stddev	.064437	.003837	.0043520	.0001059	.011089	.015121	.0018428
%RSD	2.036230	.3360410	6.915803	.0925475	.1775101	.4208755	3.332768

#1	3.207177	1.142519	.0662208	.1142994	6.259189	3.586141	.0573770
#2	3.090414	1.137495	.0645692	.1144325	6.243267	3.582071	.0546257
#3	3.196032	1.145029	.0579941	.1145086	6.237859	3.610058	.0538775

Sample Name: K4216-07 Acquired: 08/15/2019 16:33:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.454273	.0394403	.2679620
Stddev	.003526	.0020723	.0001581
%RSD	.1436515	5.254168	.0589957

#1	2.458180	.0417038	.2678728
#2	2.451329	.0376365	.2678686
#3	2.453311	.0389806	.2681445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.552	2442.476	31072.36	5355.027	2582.515
Stddev	12.444	3.972	165.08	9.023	6.163
%RSD	.8473976	.1626083	.5312891	.1685019	.2386604

#1	1454.438	2438.936	31006.37	5349.981	2575.562
#2	1473.274	2441.721	31260.24	5349.655	2584.675
#3	1477.945	2446.771	30950.49	5365.444	2587.307

Sample Name: K4216-09 Acquired: 08/15/2019 16:41:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244957	.0079302	.2956434	.0119053	.0032075	48.26124	.3590224
Stddev	.0018544	.0011708	.0020128	.0022447	.0013382	.07227	.0005761
%RSD	7.570155	14.76391	.6808340	18.85425	41.72156	.1497478	.1604788

#1	.0251963	.0067862	.2958649	.0144952	.0027738	48.23549	.3584156
#2	.0223930	.0078782	.2975364	.0105222	.0021399	48.20536	.3590897
#3	.0258976	.0091261	.2935290	.0106985	.0047087	48.34285	.3595620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056545	.0021579	152.5747	.5669435	.0320089	1.044909	268.2394
Stddev	.0000749	.0000527	.6121	.0031888	.0003840	.002250	.5364
%RSD	1.323744	2.441741	.4011852	.5624540	1.199634	.2153248	.1999694

#1	.0055684	.0022102	151.9668	.5640763	.0322986	1.044088	267.8186
#2	.0057047	.0021049	152.5664	.5663764	.0315734	1.047454	268.8434
#3	.0056902	.0021586	153.1909	.5703778	.0321548	1.043184	268.0562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70707	15.60454	.2479760	-.001203	.1746358	.1237536	.3564555
Stddev	.03656	.02626	.0007691	.000165	.2598245	.0016963	.0061551
%RSD	.3123055	.1683045	.3101386	13.71058	148.7808	1.370740	1.726745

#1	11.66979	15.57521	.2485662	-.001078	.1219034	.1226883	.3630332
#2	11.74286	15.61251	.2471063	-.001141	.4567816	.1228628	.3554980
#3	11.70855	15.62589	.2482555	-.001390	-.054778	.1257098	.3508353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.217005	1.153880	.0843477	.0869076	12.09565	5.458956	.0349873
Stddev	.070235	.006594	.0057106	.0002327	.06965	.051691	.0008752
%RSD	2.183230	.5714883	6.770248	.2677416	.5757987	.9469089	2.501544

#1	3.138083	1.155475	.0907870	.0866579	12.17068	5.400551	.0345609
#2	3.240301	1.146635	.0823573	.0869467	12.03306	5.477498	.0344071
#3	3.272632	1.159531	.0798986	.0871183	12.08321	5.498819	.0359941

Sample Name: K4216-09 Acquired: 08/15/2019 16:41:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.590976	.0220719	.4344858
Stddev	.004148	.0016516	.0005772
%RSD	.1600960	7.482962	.1328361

#1	2.590609	.0235924	.4351172
#2	2.587023	.0223085	.4339854
#3	2.595295	.0203147	.4343549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.589	2432.087	30987.98	5346.942	2567.914
Stddev	6.767	2.326	119.25	36.115	5.764
%RSD	.4614068	.0956402	.3848330	.6754284	.2244552

#1	1458.797	2431.762	31082.14	5384.947	2561.405
#2	1470.989	2429.940	30853.89	5342.805	2572.370
#3	1469.980	2434.558	31027.91	5313.074	2569.968

Sample Name: K4216-08 Acquired: 08/15/2019 16:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344525	.0130932	.4206086	.0171996	.0017940	78.68998	.6751307
Stddev	.0013866	.0043978	.0016261	.0018735	.0021496	.40568	.0081277
%RSD	4.024737	33.58859	.3865993	10.89288	119.8226	.5155444	1.203864

#1	.0360454	.0166209	.4204200	.0170087	.0008230	79.09465	.6836156
#2	.0337958	.0144928	.4190851	.0154288	.0003012	78.69202	.6743614
#3	.0335162	.0081659	.4223208	.0191612	.0042577	78.28329	.6674150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108534	-.000183	191.4539	1.175347	.0454263	1.822665	430.1843
Stddev	.0000307	.000055	2.3330	.002417	.0004424	.009528	3.3029
%RSD	.2828475	29.79520	1.218559	.2056769	.9739483	.5227392	.7677966

#1	.0108475	-.000246	193.7034	1.175731	.0453707	1.833663	433.5716
#2	.0108866	-.000155	191.6128	1.172760	.0450144	1.817426	430.0085
#3	.0108260	-.000148	189.0456	1.177549	.0458939	1.816908	426.9728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.16697	12.82026	.5466056	-.002286	.5634180	.1777930	.2484251
Stddev	.17124	.05729	.0004297	.000787	.1802343	.0035755	.0038433
%RSD	.9974979	.4468527	.0786102	34.40333	31.98944	2.011074	1.547068

#1	17.32756	12.86904	.5463757	-.001746	.5145725	.1808039	.2528258
#2	17.18658	12.83456	.5463397	-.001924	.4126409	.1787340	.2457283
#3	16.98677	12.75718	.5471013	-.003189	.7630406	.1738410	.2467213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.371340	4.694398	.0933211	.1632576	7.745758	3.919050	.0730479
Stddev	.021728	.022050	.0091493	.0007053	.035848	.037682	.0018072
%RSD	.4970540	.4697114	9.804105	.4320201	.4628103	.9615017	2.473953

#1	4.390947	4.676654	.0885650	.1640339	7.733329	3.941508	.0716715
#2	4.375094	4.719083	.0875294	.1630828	7.786166	3.940096	.0723778
#3	4.347980	4.687456	.1038689	.1626561	7.717778	3.875547	.0750944

Sample Name: K4216-08 Acquired: 08/15/2019 16:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.155251	.0486772	.4064503
Stddev	.027879	.0010293	.0018312
%RSD	.6709352	2.114471	.4505298

#1	4.183541	.0498657	.4085501
#2	4.154408	.0480801	.4056159
#3	4.127802	.0480858	.4051849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.734	2460.568	31347.54	5397.365	2575.696
Stddev	11.015	2.554	297.67	60.898	6.121
%RSD	.7494827	.1038076	.9495685	1.128296	.2376470

#1	1462.807	2463.332	31079.40	5334.564	2581.902
#2	1482.436	2460.080	31667.84	5401.368	2575.521
#3	1463.959	2458.294	31295.39	5456.163	2569.664

Sample Name: K4216-10 Acquired: 08/15/2019 16:45:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197425	.0064930	.3221043	.0116744	.0044626	33.29822	.2271178
Stddev	.0022334	.0006013	.0038089	.0008021	.0005925	.15023	.0009396
%RSD	11.31256	9.260075	1.182502	6.870974	13.27710	.4511748	.4137006

#1	.0184330	.0071762	.3221201	.0110253	.0043919	33.47162	.2281835
#2	.0184733	.0062586	.3182875	.0125712	.0039086	33.21613	.2267611
#3	.0223213	.0060443	.3259052	.0114266	.0050873	33.20692	.2264088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043526	.0009174	74.10753	.4569514	.0250487	4.638367	220.5416
Stddev	.0000792	.0000965	.63265	.0017285	.0002947	.004313	.4849
%RSD	1.819962	10.51746	.8536923	.3782631	1.176386	.0929899	.2198803

#1	.0043689	.0010288	74.83583	.4589473	.0248349	4.643100	221.1014
#2	.0044224	.0008626	73.79270	.4559593	.0253848	4.634657	220.2532
#3	.0042665	.0008607	73.69406	.4559477	.0249264	4.637345	220.2701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.965404	10.00299	.3428528	-.000955	.1243322	.1066671	2.182516
Stddev	.031893	.01854	.0019584	.000319	.1104393	.0016934	.012300
%RSD	.4578780	.1853202	.5711983	33.43619	88.82601	1.587524	.5635889

#1	6.999779	10.00573	.3450859	-.000590	.0191746	.1065571	2.180606
#2	6.959659	10.02001	.3420448	-.001088	.2393870	.1050314	2.195661
#3	6.936774	9.98324	.3414277	-.001185	.1144349	.1084128	2.171283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106430	.9026084	.0727905	.0922833	8.377661	4.586281	.0446808
Stddev	.014408	.0059978	.0060364	.0003466	.065280	.057698	.0021421
%RSD	.6840248	.6644952	8.292865	.3755867	.7792151	1.258060	4.794335

#1	2.116496	.9076987	.0662621	.0926833	8.442075	4.647586	.0452466
#2	2.089925	.8959963	.0781697	.0920954	8.311548	4.533037	.0464832
#3	2.112869	.9041303	.0739397	.0920713	8.379360	4.578219	.0423125

Sample Name: K4216-10 Acquired: 08/15/2019 16:45:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.735804	.0134340	.2555866
Stddev	.008121	.0028549	.0006096
%RSD	.4678565	21.25097	.2385196

#1	1.744983	.0165966	.2561861
#2	1.729550	.0110473	.2556064
#3	1.732881	.0126581	.2549673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.196	2401.533	30580.42	5276.976	2559.776
Stddev	8.575	7.834	225.11	19.182	7.544
%RSD	.5905025	.3262129	.7361394	.3635038	.2947061

#1	1454.901	2396.908	30384.92	5254.843	2553.017
#2	1442.594	2397.112	30529.81	5287.310	2558.397
#3	1459.092	2410.578	30826.53	5288.776	2567.914

Sample Name: K4216-11 Acquired: 08/15/2019 16:49:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684278	.0150839	.4086955	.0151977	.0034375	63.92550	.5405749
Stddev	.0008578	.0012375	.0047701	.0025579	.0024945	.63380	.0095604
%RSD	1.253530	8.203925	1.167148	16.83050	72.56844	.9914591	1.768563

#1	.0675142	.0136652	.4062660	.0137942	.0057537	63.42412	.5366914
#2	.0692159	.0156451	.4056293	.0181500	.0007965	64.63788	.5514659
#3	.0685532	.0159413	.4141913	.0136488	.0037622	63.71449	.5335673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091557	-.001913	178.4640	1.162469	.0523853	2.992301	440.9953
Stddev	.0000912	.000289	3.4521	.001884	.0004265	.021486	5.4868
%RSD	.9956055	15.13187	1.934319	.1620918	.8141007	.7180392	1.244188

#1	.0090601	-.001953	176.8808	1.161532	.0523382	2.969139	439.2033
#2	.0092417	-.002180	182.4236	1.164638	.0519843	3.011581	447.1540
#3	.0091652	-.001605	176.0874	1.161237	.0528333	2.996183	436.6285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.56268	13.63334	.4661323	-.001597	.4759588	.2138129	.1670829
Stddev	.30976	.20918	.0009873	.000096	.3607743	.0060961	.0024639
%RSD	1.583406	1.534307	.2118018	5.988915	75.79949	2.851151	1.474659

#1	19.43485	13.51794	.4649963	-.001491	.3374956	.2110230	.1697742
#2	19.91589	13.87480	.4667827	-.001621	.2049271	.2208047	.1649382
#3	19.33730	13.50729	.4666180	-.001678	.8854536	.2096109	.1665362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999045	1.898875	.0793504	.1021401	10.98571	4.446287	.1495380
Stddev	.070603	.006593	.0036156	.0004132	.05550	.071497	.0021284
%RSD	1.412327	.3471862	4.556475	.4045926	.5052144	1.608017	1.423280

#1	4.930192	1.897034	.0830413	.1026073	10.95116	4.401408	.1516712
#2	5.071276	1.893398	.0758152	.1018224	10.95624	4.528736	.1495284
#3	4.995668	1.906192	.0791948	.1019906	11.04973	4.408716	.1474145

Sample Name: K4216-11 Acquired: 08/15/2019 16:49:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.658006	.0439099	.4849850
Stddev	.033673	.0010228	.0020149
%RSD	.9205210	2.329256	.4154542

#1	3.627728	.0427473	.4829463
#2	3.694270	.0446713	.4869752
#3	3.652018	.0443109	.4850335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.159	2440.664	31201.52	5383.775	2576.728
Stddev	9.058	5.418	221.61	68.385	2.987
%RSD	.6178265	.2219801	.7102571	1.270210	.1159399

#1	1457.718	2434.441	30945.73	5414.805	2579.683
#2	1475.729	2444.326	31323.11	5305.376	2576.792
#3	1465.030	2443.226	31335.71	5431.144	2573.709

Sample Name: K4216-13 Acquired: 08/15/2019 16:57:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717742	.0079491	.1466553	.0085646	.0026502	124.7812	.5999410
Stddev	.0010562	.0022786	.0018715	.0009653	.0010194	.7786	.0036578
%RSD	1.471595	28.66541	1.276085	11.27033	38.46413	.6239625	.6096888

#1	.0707073	.0055432	.1483072	.0084422	.0018281	123.8974	.5959723
#2	.0717959	.0082296	.1446228	.0076665	.0037908	125.0805	.6006738
#3	.0728194	.0100745	.1470361	.0095853	.0023316	125.3657	.6031769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093533	.0000569	597.9849	.1886389	.1614032	.2389821	257.4970
Stddev	.0000597	.0001382	5.9659	.0011026	.0006441	.0011050	1.7209
%RSD	.6377847	242.7430	.9976647	.5845314	.3990550	.4623835	.6683006

#1	.0093016	.0002159	593.6817	.1898796	.1613888	.2377070	255.5931
#2	.0093399	-.000034	595.4777	.1877709	.1620544	.2396608	257.9560
#3	.0094186	-.000011	604.7952	.1882663	.1607664	.2395784	258.9417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.846447	130.6142	.4185227	-.003317	.6100828	.2723011	.6906532
Stddev	.054678	1.0684	.0015290	.000266	.2094510	.0014901	.0082980
%RSD	.9352346	.8179605	.3653229	8.006328	34.33157	.5472132	1.201475

#1	5.794142	129.4877	.4167730	-.003622	.6352471	.2717238	.6909130
#2	5.841975	130.7421	.4191935	-.003139	.8058148	.2711861	.6988183
#3	5.903223	131.6129	.4196015	-.003189	.3891865	.2739935	.6822284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.93942	5.110595	.0692458	.0372132	1.015396	8.290698	.0016096
Stddev	.15567	.037546	.0037565	.0005584	.007590	.053074	.0019687
%RSD	.6502674	.7346736	5.424864	1.500518	.7475392	.6401681	122.3038

#1	23.84280	5.110165	.0688042	.0377636	1.006977	8.235872	.0027259
#2	24.11900	5.073266	.0732036	.0366472	1.017493	8.294396	.0027664
#3	23.85646	5.148354	.0657296	.0372289	1.021717	8.341827	-.000663

Sample Name: K4216-13 Acquired: 08/15/2019 16:57:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142153	.2363111	.7755352
Stddev	.020662	.0044838	.0023881
%RSD	1.809060	1.897400	.3079338

#1	1.119273	.2336785	.7732350
#2	1.147738	.2337666	.7780025
#3	1.159449	.2414883	.7753682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.696	2630.792	33552.15	5852.542	2471.665
Stddev	6.318	3.907	155.01	47.837	4.163
%RSD	.4050516	.1485090	.4619996	.8173709	.1684376

#1	1554.577	2633.816	33452.82	5888.323	2473.806
#2	1557.754	2626.381	33472.87	5871.094	2466.867
#3	1566.756	2632.180	33730.77	5798.207	2474.322

Sample Name: K4216-12 Acquired: 08/15/2019 16:53:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255071	.0062257	.1551022	.0110517	.0049963	39.28151	.2247982
Stddev	.0021548	.0030360	.0015436	.0013757	.0004359	.07359	.0010978
%RSD	8.447926	48.76575	.9952142	12.44746	8.725356	.1873300	.4883354

#1	.0233330	.0085743	.1568838	.0098785	.0045048	39.26491	.2260045
#2	.0255463	.0073054	.1542573	.0107110	.0051480	39.21764	.2238578
#3	.0276421	.0027974	.1541656	.0125657	.0053361	39.36198	.2245322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046792	-.001914	64.17944	.2894023	.0279038	.8209926	226.7182
Stddev	.0001058	.000044	.10432	.0013697	.0001031	.0062274	.2221
%RSD	2.261621	2.320620	.1625467	.4732845	.3693810	.7585249	.0979522

#1	.0047996	-.001915	64.29625	.2909825	.0277894	.8199481	226.5867
#2	.0046012	-.001869	64.14652	.2885550	.0279894	.8153534	226.5933
#3	.0046366	-.001958	64.09555	.2886695	.0279325	.8276762	226.9746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.970656	6.639672	.2433258	-.001758	.3221648	.1067340	.1844952
Stddev	.002058	.010580	.0015565	.000414	.1080858	.0017008	.0004201
%RSD	.0344721	.1593462	.6396934	23.55255	33.54984	1.593450	.2276827

#1	5.972937	6.643463	.2448185	-.001926	.2092093	.1085776	.1843176
#2	5.970092	6.647834	.2417124	-.002061	.4246135	.1063983	.1841932
#3	5.968939	6.627719	.2434465	-.001286	.3326717	.1052261	.1849749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792505	1.158709	.0490619	.1117820	1.341432	4.734611	.0359033
Stddev	.076153	.001206	.0031324	.0003888	.006835	.019263	.0012770
%RSD	4.248404	.1040805	6.384505	.3477850	.5094955	.4068650	3.556831

#1	1.817704	1.157445	.0522013	.1113654	1.336432	4.714906	.0347313
#2	1.852864	1.158836	.0490478	.1118456	1.338645	4.735527	.0357142
#3	1.706946	1.159847	.0459366	.1121351	1.349220	4.753400	.0372643

Sample Name: K4216-12 Acquired: 08/15/2019 16:53:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.710422	.0164404	.1835613
Stddev	.005899	.0010007	.0001048
%RSD	.3449008	6.086728	.0570709

#1	1.708306	.0173060	.1836166
#2	1.705872	.0166706	.1834405
#3	1.717087	.0153447	.1836269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.705	2451.180	30921.71	5362.510	2568.884
Stddev	12.906	2.728	95.71	23.774	5.634
%RSD	.8739552	.1112916	.3095227	.4433377	.2192988

#1	1463.767	2454.058	30812.88	5350.534	2573.785
#2	1476.771	2450.851	30992.78	5347.105	2570.137
#3	1489.578	2448.632	30959.47	5389.890	2562.729

Sample Name: K4216-15 Acquired: 08/15/2019 17:05:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOC9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876347	.0085009	.2110680	.0065860	.0037608	94.41685	.7143331
Stddev	.0028086	.0007451	.0026739	.0010907	.0004844	.56519	.0074270
%RSD	3.204889	8.764668	1.266858	16.56050	12.88040	.5986089	1.039708

#1	.0890367	.0092125	.2139518	.0064262	.0038701	94.35330	.7128391
#2	.0844011	.0085638	.2086708	.0055841	.0041812	93.88612	.7077667
#3	.0894663	.0077263	.2105815	.0077478	.0032311	95.01112	.7223936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075870	.0013533	652.5382	.1420516	.1641493	.1912329	219.7267
Stddev	.0001634	.0000743	1.8161	.0002868	.0004095	.0034584	1.6852
%RSD	2.154293	5.486396	.2783188	.2018832	.2494930	1.808452	.7669585

#1	.0077446	.0012685	654.4195	.1417777	.1642844	.1903982	219.6646
#2	.0074183	.0013851	652.3999	.1423497	.1636893	.1882683	218.0735
#3	.0075981	.0014064	650.7952	.1420275	.1644743	.1950322	221.4422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.935861	148.6014	.3506946	-.002420	.2192196	.2457513	.5980150
Stddev	.069242	1.2821	.0009592	.000098	.0900573	.0024320	.0069674
%RSD	.9983149	.8627747	.2735265	4.060376	41.08086	.9896337	1.165083

#1	6.939347	148.5782	.3496600	-.002391	.3118352	.2468618	.5998314
#2	6.864942	147.3311	.3508692	-.002529	.2138638	.2429622	.6038944
#3	7.003294	149.8950	.3515545	-.002339	.1319597	.2474298	.5903194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.53430	5.183219	.0451719	.0186229	.8293153	6.228911	-.001690
Stddev	.04379	.012946	.0019627	.0002903	.0053565	.021612	.001986
%RSD	.3235824	.2497592	4.345041	1.559082	.6458998	.3469635	117.4836

#1	13.51420	5.195145	.0446209	.0183507	.8277411	6.234898	-.003748
#2	13.50415	5.169451	.0473512	.0189285	.8249223	6.204936	.000216
#3	13.58453	5.185061	.0435435	.0185895	.8352826	6.246897	-.001539

Sample Name: K4216-15 Acquired: 08/15/2019 17:05:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.049854	.1483521	.5753664
Stddev	.004286	.0022401	.0017610
%RSD	.4082696	1.510002	.3060585

#1	1.049142	.1478535	.5743717
#2	1.045968	.1464034	.5743280
#3	1.054451	.1507996	.5773997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.096	2668.042	33623.53	5807.004	2474.643
Stddev	19.179	10.579	224.77	32.028	2.383
%RSD	1.216104	.3965162	.6684980	.5515390	.0962999

#1	1570.504	2656.910	33600.79	5801.729	2472.250
#2	1562.082	2677.964	33410.99	5841.342	2477.016
#3	1598.702	2669.251	33858.81	5777.941	2474.663

Sample Name: K4216-14 Acquired: 08/15/2019 17:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726559	.0048917	.1858054	.0076066	.0012867	126.4243	.9747386
Stddev	.0010643	.0036851	.0004829	.0019347	.0012528	.1785	.0040310
%RSD	1.464847	75.33292	.2598852	25.43398	97.36231	.1412281	.4135416

#1	.0738356	.0090136	.1862007	.0056117	.0024338	126.2298	.9705106
#2	.0717677	.0037455	.1859482	.0077333	.0014765	126.5808	.9751670
#3	.0723645	.0019159	.1852671	.0094748	-.000050	126.4622	.9785382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097466	-.000469	243.5009	.1912598	.1400243	.2007419	242.3416
Stddev	.0001246	.000087	1.3443	.0009650	.0004121	.0032690	1.0516
%RSD	1.278528	18.49755	.5520919	.5045706	.2942682	1.628434	.4339444

#1	.0096407	-.000564	241.9627	.1921949	.1402269	.2036496	241.2837
#2	.0098839	-.000449	244.4509	.1902674	.1395502	.1972036	242.3541
#3	.0097152	-.000393	244.0891	.1913173	.1402958	.2013725	243.3869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940480	93.53387	.4010138	-.002526	.0844484	.2517155	.6508914
Stddev	.014460	.54101	.0007492	.000225	.2217681	.0013509	.0031492
%RSD	.2926911	.5784074	.1868256	8.911406	262.6078	.5366785	.4838292

#1	4.923916	92.94231	.4018120	-.002368	-.016256	.2517601	.6536492
#2	4.946941	93.65577	.4003258	-.002426	-.069099	.2503429	.6474599
#3	4.950584	94.00352	.4009037	-.002784	.338700	.2530436	.6515650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.96847	5.857532	.0394101	.0155619	.6775098	3.398879	.0017438
Stddev	.06271	.029208	.0019929	.0002025	.0060009	.009453	.0016927
%RSD	.4835559	.4986319	5.056804	1.301429	.8857299	.2781257	97.06698

#1	12.91516	5.823815	.0401714	.0157339	.6707464	3.395415	.0005823
#2	12.95269	5.873708	.0371487	.0156131	.6821965	3.391646	.0036860
#3	13.03757	5.875073	.0409101	.0153387	.6795864	3.409575	.0009633

Sample Name: K4216-14 Acquired: 08/15/2019 17:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9463164	.1910665	.4028393
Stddev	.0051981	.0016581	.0009486
%RSD	.5492969	.8678351	.2354712

#1	.9407376	.1908177	.4018986
#2	.9471879	.1928350	.4037955
#3	.9510236	.1895469	.4028237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.098	2842.972	36006.42	6239.778	2535.063
Stddev	11.975	3.604	226.63	52.484	5.391
%RSD	.7027386	.1267663	.6294245	.8411221	.2126573

#1	1699.229	2843.825	35745.80	6288.889	2537.770
#2	1695.325	2846.074	36116.23	6184.471	2538.564
#3	1717.741	2839.019	36157.23	6245.975	2528.855

Sample Name: K4216-16 Acquired: 08/15/2019 17:09:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359924	.0032864	.4245973	.0083894	.0024253	27.94153	.4883933
Stddev	.0008832	.0018945	.0013994	.0016819	.0009350	.04848	.0012043
%RSD	2.453828	57.64507	.3295843	20.04820	38.55132	.1735000	.2465839

#1	.0368574	.0050280	.4249319	.0101777	.0028304	27.88777	.4870793
#2	.0360279	.0012693	.4230609	.0068392	.0030894	27.98193	.4894446
#3	.0350921	.0035621	.4257991	.0081512	.0013561	27.95490	.4886559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030021	.0014753	419.7617	.0805509	.0325669	.1651079	77.91438
Stddev	.0000228	.0000598	1.2283	.0006881	.0001438	.0041271	.27306
%RSD	.7604326	4.053684	.2926105	.8542463	.4416144	2.499652	.3504657

#1	.0030283	.0015099	418.3575	.0800108	.0326871	.1679196	77.61067
#2	.0029861	.0015096	420.6365	.0813257	.0324076	.1670344	77.99289
#3	.0029921	.0014062	420.2911	.0803163	.0326061	.1603698	78.13960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.262087	119.9553	.1050161	-.000754	.2051603	.0892692	.6342199
Stddev	.005984	.5538	.0001432	.000587	.0437760	.0038887	.0075114
%RSD	.4741501	.4617099	.1363150	77.79537	21.33745	4.356176	1.184351

#1	1.256643	119.3160	.1048508	-.000427	.1549011	.0866705	.6405007
#2	1.261124	120.2639	.1050983	-.000404	.2349638	.0937399	.6258993
#3	1.268495	120.2862	.1050991	-.001431	.2256160	.0873972	.6362597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.737837	4.133739	.0411448	.0050928	5.024616	1.677736	.0195774
Stddev	.094540	.010267	.0003851	.0002533	.022484	.034807	.0005777
%RSD	2.529266	.2483765	.9359466	4.973561	.4474760	2.074648	2.950939

#1	3.761555	4.136232	.0415884	.0049080	5.046625	1.640078	.0197722
#2	3.633697	4.122455	.0409494	.0053815	5.001685	1.708728	.0200325
#3	3.818260	4.142530	.0408966	.0049888	5.025537	1.684401	.0189274

Sample Name: K4216-16 Acquired: 08/15/2019 17:09:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5290478	.0511696	.5435375
Stddev	.0029497	.0008435	.0019278
%RSD	.5575557	1.648439	.3546837

#1	.5265022	.0513541	.5457291
#2	.5322804	.0519056	.5421036
#3	.5283609	.0502491	.5427798

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1474.472	2476.707	31442.39	5456.747	2529.136
Stddev	16.930	2.402	313.65	6.482	1.886
%RSD	1.148180	.0969938	.9975314	.1187894	.0745775

#1	1455.384	2478.900	31155.04	5463.159	2527.832
#2	1487.671	2477.080	31776.98	5450.197	2528.276
#3	1480.361	2474.139	31395.14	5456.884	2531.298

Sample Name: K4216-18 Acquired: 08/15/2019 17:13:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224364	.0026793	.0938174	.0091594	.0013027	63.89932	.4845516
Stddev	.0046468	.0028861	.0011777	.0011782	.0008822	.14075	.0005957
%RSD	20.71117	107.7191	1.255333	12.86363	67.72236	.2202717	.1229369

#1	.0180471	-.000539	.0941528	.0084998	.0022290	63.82782	.4838761
#2	.0219582	.005038	.0925083	.0084587	.0012068	64.06148	.4847769
#3	.0273038	.003539	.0947910	.0105198	.0004724	63.80868	.4850017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045227	.0010704	151.0168	.0991455	.0456908	.1419868	114.9485
Stddev	.0001141	.0000871	.6085	.0008297	.0005529	.0029553	.1016
%RSD	2.522284	8.137472	.4029427	.8367982	1.210064	2.081387	.0884097

#1	.0046542	.0011490	150.8480	.1000691	.0454474	.1450722	114.9171
#2	.0044645	.0009767	151.6919	.0984632	.0453014	.1417065	114.8663
#3	.0044495	.0010854	150.5105	.0989043	.0463237	.1391816	115.0622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.723051	40.78262	.1383022	-.001216	.2752474	.1289442	.4863693
Stddev	.003821	.08166	.0004095	.000183	.0607171	.0028350	.0098466
%RSD	.2217627	.2002308	.2961108	15.03092	22.05909	2.198614	2.024516

#1	1.719727	40.68833	.1378414	-.001417	.3395736	.1269128	.4774511
#2	1.727226	40.83020	.1386245	-.001172	.2189355	.1321830	.4847205
#3	1.722199	40.82932	.1384408	-.001060	.2672331	.1277368	.4969362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20176	4.561539	.0413748	.0097778	4.896501	3.898404	.0028796
Stddev	.13178	.021157	.0035865	.0002580	.030999	.070750	.0005219
%RSD	1.291704	.4638157	8.668375	2.638111	.6330893	1.814845	18.12367

#1	10.35330	4.575458	.0415784	.0097980	4.932183	3.974639	.0022897
#2	10.11411	4.571967	.0376908	.0100251	4.881128	3.885719	.0032812
#3	10.13787	4.537192	.0448552	.0095104	4.876193	3.834855	.0030678

Sample Name: K4216-18 Acquired: 08/15/2019 17:13:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4121784	.0833164	.4863246
Stddev	.0014772	.0017896	.0015083
%RSD	.3583968	2.147905	.3101487

#1	.4128712	.0845884	.4860385
#2	.4131819	.0840908	.4879554
#3	.4104821	.0812701	.4849797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.937	2471.483	31618.72	5473.821	2538.249
Stddev	17.185	3.921	234.11	44.195	9.718
%RSD	1.144202	.1586432	.7404260	.8073944	.3828464

#1	1520.900	2467.746	31862.52	5482.103	2528.383
#2	1487.393	2475.565	31395.68	5426.070	2547.811
#3	1497.517	2471.139	31597.95	5513.289	2538.552

Sample Name: K4216-19 Acquired: 08/15/2019 17:17:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218431	.0004883	.0910098	.0086260	.0008380	56.32492	.4636978
Stddev	.0021889	.0017782	.0029187	.0009832	.0015826	.14624	.0023273
%RSD	10.02098	364.1338	3.207020	11.39871	188.8488	.2596376	.5019035

#1	.0195173	-.000991	.0878889	.0091345	-.000407	56.25852	.4639607
#2	.0238629	.002461	.0914688	.0074926	.002619	56.49258	.4658825
#3	.0221490	-.000005	.0936719	.0092508	.000302	56.22367	.4612502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042946	.0013440	141.2620	.0891398	.0435220	.1418414	106.5958
Stddev	.0001153	.0001017	.7858	.0008459	.0004559	.0019703	.5510
%RSD	2.684850	7.567159	.5562884	.9489992	1.047511	1.389114	.5169216

#1	.0041933	.0012458	141.3935	.0900984	.0439865	.1423658	106.3144
#2	.0044201	.0013372	141.9739	.0884981	.0435042	.1434965	107.2307
#3	.0042705	.0014489	140.4188	.0888228	.0430752	.1396619	106.2424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.619653	39.04490	.1286935	-.000662	-.019886	.1159408	.4708773
Stddev	.006303	.39208	.0012415	.000251	.109848	.0025521	.0101033
%RSD	.3891801	1.004186	.9647272	37.86461	552.3960	2.201240	2.145635

#1	1.617991	38.99515	.1287347	-.000820	.073708	.1158939	.4617593
#2	1.626620	39.45948	.1299140	-.000793	-.140822	.1185161	.4691336
#3	1.614347	38.68006	.1274319	-.000373	.007457	.1134124	.4817390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.616052	4.388750	.0308224	.0097433	4.535231	3.726212	.0017008
Stddev	.100243	.014973	.0022813	.0001084	.013362	.072887	.0006990
%RSD	1.163444	.3411595	7.401534	1.112925	.2946364	1.956050	41.09630

#1	8.600488	4.405717	.0283123	.0097064	4.538555	3.797979	.0020097
#2	8.723167	4.377393	.0327695	.0098654	4.520521	3.728401	.0021920
#3	8.524502	4.383138	.0313855	.0096582	4.546618	3.652255	.0009006

Sample Name: K4216-19 Acquired: 08/15/2019 17:17:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3766326	.0713101	.4579227
Stddev	.0040977	.0012407	.0009211
%RSD	1.087988	1.739793	.2011442

#1	.3808789	.0701172	.4570054
#2	.3727018	.0712195	.4588475
#3	.3763171	.0725936	.4579153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.686	2499.833	31642.29	5474.209	2559.510
Stddev	17.263	6.519	434.13	42.748	4.516
%RSD	1.150331	.2607833	1.371977	.7808985	.1764316

#1	1519.363	2505.551	32111.21	5457.037	2564.435
#2	1497.380	2492.734	31561.31	5442.717	2555.565
#3	1485.316	2501.215	31254.37	5522.873	2558.531

Sample Name: K4216-20 Acquired: 08/15/2019 17:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636521	.0035079	4.995730	.0053425	.0084962	53.63181	1.655673
Stddev	.0015749	.0024682	.019486	.0040929	.0013666	.06853	.004734
%RSD	2.474207	70.36097	.3900593	76.61136	16.08534	.1277712	.2859385

#1	.0620172	.0025380	4.973821	.0009072	.0083990	53.57629	1.653058
#2	.0637797	.0016719	5.002243	.0061463	.0099088	53.61076	1.652822
#3	.0651592	.0063136	5.011124	.0089738	.0071807	53.70840	1.661138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049007	.0025525	502.3384	.1194061	.0741767	.3994102	140.7177
Stddev	.0001367	.0000640	1.8599	.0002619	.0002968	.0021875	.4302
%RSD	2.788770	2.507937	.3702471	.2193600	.4001597	.5476798	.3056842

#1	.0049789	.0025494	502.0393	.1193795	.0738377	.4001928	140.2787
#2	.0047429	.0026180	500.6461	.1196804	.0743020	.4010987	140.7360
#3	.0049804	.0024901	504.3297	.1191586	.0743903	.3969391	141.1384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.476207	142.1355	.1930770	-.000773	.7345475	.1464572	.8783943
Stddev	.010375	.2878	.0009998	.000288	.0897713	.0011427	.0017541
%RSD	.2984613	.2024761	.5178403	37.31676	12.22131	.7802270	.1996915

#1	3.465130	141.8801	.1926245	-.001067	.8380388	.1455532	.8763716
#2	3.477793	142.0792	.1923835	-.000760	.6776980	.1477416	.8794971
#3	3.485697	142.4473	.1942231	-.000491	.6879056	.1460768	.8793142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.680442	4.345196	.0310846	.0428812	5.128050	2.096101	.0241272
Stddev	.059958	.006385	.0025607	.0005546	.014834	.053171	.0010670
%RSD	.8975099	.1469438	8.237840	1.293370	.2892798	2.536639	4.422311

#1	6.658592	4.345401	.0298470	.0425916	5.111466	2.070428	.0250098
#2	6.634474	4.351477	.0340291	.0435207	5.140057	2.060639	.0244304
#3	6.748260	4.338712	.0293779	.0425313	5.132625	2.157237	.0229415

Sample Name: K4216-20 Acquired: 08/15/2019 17:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METHOD6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7591889	.0998482	.6107017
Stddev	.0042440	.0004339	.0014222
%RSD	.5590169	.4345962	.2328747

#1	.7593526	.0994350	.6095028
#2	.7548654	.0998093	.6103293
#3	.7633487	.1003003	.6122730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.885	2570.421	32597.40	5678.146	2526.414
Stddev	4.342	2.662	90.98	10.355	4.932
%RSD	.2860369	.1035581	.2791163	.1823613	.1952258

#1	1515.933	2570.341	32515.18	5674.178	2530.341
#2	1514.862	2573.122	32581.86	5689.898	2528.023
#3	1522.861	2567.800	32695.15	5670.363	2520.878

Sample Name: K4255-04 Acquired: 08/15/2019 17:33:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005497	-.008956	.0236122	.0199292	-.001169	.0541980	.1912130
Stddev	.000981	.001115	.0010134	.0000524	.000296	.0169649	.0004895
%RSD	17.84630	12.44691	4.291821	.2630807	25.35888	31.30160	.2559793

#1	-.004366	-.007997	.0246516	.0199788	-.001321	.0348769	.1913350
#2	-.006010	-.010179	.0235581	.0198743	-.000827	.0610611	.1916300
#3	-.006115	-.008692	.0226270	.0199345	-.001359	.0666561	.1906741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001351	-.000371	84.11652	.0005657	-.001208	.0009081	.8031440
Stddev	.0000117	.000110	.29638	.0007421	.000374	.0026938	.0031433
%RSD	8.626834	29.56580	.3523424	131.1890	30.98526	296.6504	.3913794

#1	.0001280	-.000451	84.33520	.0012166	-.001631	.0028027	.8067679
#2	.0001289	-.000416	84.23516	-.000242	-.000919	-.002176	.8015093
#3	.0001486	-.000246	83.77920	.000723	-.001075	.002097	.8011549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1700975	159.6662	-.000138	.0000835	55.69310	.0035550	.0172039
Stddev	.0002147	.4962	.000515	.0002288	.17104	.0008759	.0029359
%RSD	.1262529	.3107613	372.9158	274.1256	.3071092	24.63856	17.06553

#1	.1700624	160.2039	-.000435	-.000063	55.82679	.0033659	.0199768
#2	.1699025	159.5685	-.000437	.000347	55.50036	.0027891	.0141284
#3	.1703277	159.2261	.000457	-.000034	55.75214	.0045100	.0175067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.032323	.0862146	.5891115	.0033317	3.697800	16.43833	.0129474
Stddev	.076135	.0022657	.0055845	.0004751	.005431	.05378	.0024029
%RSD	1.262118	2.627965	.9479503	14.25937	.1468702	.3271418	18.55862

#1	6.083030	.0866726	.5916044	.0032804	3.692064	16.43321	.0130443
#2	5.944775	.0837548	.5930154	.0038304	3.698473	16.49449	.0153002
#3	6.069164	.0882162	.5827148	.0028844	3.702863	16.38730	.0104975

Sample Name: K4255-04 Acquired: 08/15/2019 17:33:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003667	.0146341	.6252542
Stddev	.0000816	.0004118	.0006639
%RSD	22.25477	2.814206	.1061887

#1	.0003169	.0142830	.6260180
#2	.0004609	.0145318	.6248153
#3	.0003224	.0150874	.6249291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.762	2399.664	30033.81	5166.249	2605.039
Stddev	2.827	4.718	108.29	20.993	6.423
%RSD	.1969303	.1966096	.3605457	.4063464	.2465744

#1	1432.941	2404.318	29921.26	5161.779	2612.450
#2	1438.596	2399.791	30137.25	5147.852	2601.593
#3	1435.750	2394.885	30042.93	5189.117	2601.075

Sample Name: K4216-21 Acquired: 08/15/2019 17:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573373	.0057335	.1164245	.0076505	.0029449	84.75160
Stddev	.0024913	.0030094	.0019479	.0024235	.0004399	.12751
%RSD	4.345063	52.48855	1.673115	31.67764	14.93885	.1504523

#1	.0553129	.0044376	.1146598	.0060452	.0034360	84.79285
#2	.0565794	.0035890	.1185146	.0104383	.0025869	84.60857
#3	.0601196	.0091737	.1160991	.0064682	.0028117	84.85338

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382611	.0069170	.0009464	F 828.5640	.1403764	.0980463
Stddev	.001750	.0000407	.0000226	5.1836	.0002382	.0004421
%RSD	.1265910	.5881023	2.384127	.6256074	.1696937	.4509437

#1	1.383273	.0068710	.0009275	822.5789	.1402567	.0979557
#2	1.380627	.0069321	.0009403	831.6149	.1402218	.0985267
#3	1.383935	.0069481	.0009714	831.4981	.1406507	.0976565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2292901	203.8267	3.179612	136.6920	.3021266	-.002363
Stddev	.0036030	.3697	.012003	.3258	.0011223	.000220
%RSD	1.571358	.1813989	.3775076	.2383646	.3714663	9.298934

#1	.2329376	203.7014	3.186406	136.3669	.3008555	-.002184
#2	.2257334	203.5359	3.165753	136.6905	.3025439	-.002297
#3	.2291992	204.2428	3.186677	137.0185	.3029806	-.002608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3382324	.1876492	.6602918	16.79581	4.824677	.0619573
Stddev	.1367554	.0006360	.0093969	.08711	.020672	.0014856
%RSD	40.43238	.3389306	1.423150	.5186137	.4284733	2.397813

#1	.4363722	.1876460	.6497394	16.75904	4.843416	.0636196
#2	.3963001	.1882868	.6677561	16.89527	4.802502	.0614929
#3	.1820248	.1870148	.6633799	16.73311	4.828114	.0607593

Sample Name: K4216-21 Acquired: 08/15/2019 17:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561997	2.289173	3.807369	-.002521	.7836013	.1857890
Stddev	.0006992	.017398	.022279	.000895	.0031183	.0009423
%RSD	1.244134	.7599997	.5851482	35.51168	.3979500	.5071784

#1	.0556720	2.285303	3.825477	-.002382	.7822669	.1868465
#2	.0559345	2.274036	3.782490	-.001703	.7813721	.1854820
#3	.0569928	2.308179	3.814139	-.003477	.7871648	.1850385

Elem	Sr4077
Units	ppm
Avg	1.023515
Stddev	.002010
%RSD	.1963699

#1	1.024363
#2	1.021220
#3	1.024962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.110	2589.207	32724.45	5715.333	2469.362
Stddev	1.375	2.559	129.66	8.913	4.215
%RSD	.0898913	.0988143	.3962278	.1559463	.1707059

#1	1528.299	2591.490	32861.20	5705.917	2474.006
#2	1530.697	2589.688	32708.89	5723.639	2465.778
#3	1528.335	2586.442	32603.28	5716.444	2468.302

Sample Name: K4216-01DLX2 Acquired: 08/15/2019 17:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435970	.0024104	.0599498	.0056754	.0022286	42.73539	.4695245
Stddev	.0028847	.0012498	.0017938	.0023457	.0000473	.11698	.0030066
%RSD	6.616639	51.84819	2.992085	41.33008	2.122766	.2737421	.6403464

#1	.0407748	.0035575	.0600223	.0038194	.0022833	42.81588	.4698374
#2	.0434759	.0025952	.0617061	.0048952	.0022017	42.60120	.4663737
#3	.0465403	.0010786	.0581208	.0083118	.0022009	42.78910	.4723624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037887	-.000231	459.6248	.0737487	.0627654	.1204745	114.4943
Stddev	.0000945	.000085	2.4236	.0003170	.0000900	.0019401	.7344
%RSD	2.495563	37.00841	.5272947	.4299043	.1434420	1.610354	.6414569

#1	.0036798	-.000262	461.6160	.0737409	.0627996	.1189983	114.9624
#2	.0038375	-.000297	456.9262	.0734356	.0628333	.1226719	113.6478
#3	.0038490	-.000134	460.3321	.0740696	.0626633	.1197535	114.8727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.246382	83.25402	.1762171	-.001130	.5790757	.1014648	.2968335
Stddev	.010922	.35300	.0008412	.000150	.1566179	.0011609	.0032238
%RSD	.4862051	.4240070	.4773601	13.27459	27.04619	1.144101	1.086082

#1	2.254322	83.55943	.1761599	-.001303	.5625561	.1026949	.2932449
#2	2.233926	82.86753	.1754060	-.001043	.4313723	.1013111	.2977706
#3	2.250898	83.33510	.1770855	-.001044	.7432986	.1003885	.2994850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.643313	2.422630	.0513172	.0358492	34.85369	1.785849	-.004801
Stddev	.017307	.008532	.0018829	.0004292	.05313	.013973	.000935
%RSD	.1794716	.3521604	3.669202	1.197099	.1524399	.7824098	19.48274

#1	9.640210	2.430274	.0497375	.0356785	34.90406	1.801201	-.004266
#2	9.627766	2.413426	.0508134	.0363374	34.85883	1.782470	-.005881
#3	9.661961	2.424190	.0534008	.0355316	34.79817	1.773875	-.004256

Sample Name: K4216-01DLX2 Acquired: 08/15/2019 17:37:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4287674	.1079883	.6548570
Stddev	.0002010	.0020138	.0010329
%RSD	.0468731	1.864837	.1577289

#1	.4285950	.1102695	.6545407
#2	.4287191	.1072381	.6560111
#3	.4289881	.1064572	.6540193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.655	2410.310	30671.58	5418.396	2476.613
Stddev	8.593	3.193	227.75	46.249	3.019
%RSD	.5923817	.1324744	.7425321	.8535637	.1218947

#1	1454.019	2409.548	30663.86	5372.119	2476.494
#2	1440.889	2413.815	30447.79	5418.452	2479.689
#3	1457.058	2407.566	30903.09	5464.618	2473.655

Sample Name: K4216-02DLX2 Acquired: 08/15/2019 17:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437443	.0039253	.0619897	.0070219	.0008212	42.74432	.4756735
Stddev	.0012635	.0016351	.0021028	.0009618	.0004810	.14352	.0042987
%RSD	2.888434	41.65500	3.392094	13.69712	58.57828	.3357646	.9037119

#1	.0441834	.0025174	.0629463	.0064299	.0009430	42.66085	.4743937
#2	.0423198	.0057187	.0595787	.0065041	.0012297	42.91004	.4804668
#3	.0447296	.0035399	.0634441	.0081316	.0002910	42.66207	.4721600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038824	-.000286	464.6890	.0735627	.0622348	.1194827	115.4959
Stddev	.0000600	.000103	3.2625	.0000631	.0004767	.0024805	.7111
%RSD	1.546179	35.86686	.7020910	.0857954	.7659907	2.076025	.6156571

#1	.0038716	-.000320	463.7615	.0736336	.0616929	.1193555	115.3631
#2	.0038286	-.000367	468.3149	.0735126	.0624220	.1220243	116.2640
#3	.0039472	-.000171	461.9906	.0735420	.0625895	.1170682	114.8607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257585	83.74644	.1758871	-.001178	.4813262	.0994200	.3003451
Stddev	.016537	.51581	.0004316	.000240	.0669499	.0013062	.0048169
%RSD	.7325085	.6159128	.2453577	20.38002	13.90946	1.313868	1.603777

#1	2.255227	83.45215	.1759197	-.000962	.5566767	.1001947	.2967927
#2	2.275174	84.34203	.1754402	-.001137	.4286840	.1001535	.3058277
#3	2.242353	83.44515	.1763014	-.001437	.4586177	.0979119	.2984149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.726455	2.404430	.0533819	.0362191	34.61093	1.799277	-.005340
Stddev	.023384	.008253	.0009365	.0004617	.16905	.020332	.000924
%RSD	.2404181	.3432613	1.754405	1.274762	.4884439	1.130021	17.30695

#1	9.725765	2.413358	.0523085	.0359827	34.79811	1.776405	-.004633
#2	9.703423	2.402855	.0538044	.0359234	34.56530	1.815302	-.006386
#3	9.750177	2.397078	.0540327	.0367511	34.46937	1.806124	-.005001

Sample Name: K4216-02DLX2 Acquired: 08/15/2019 17:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4241288	.1057077	.6535944
Stddev	.0043505	.0006795	.0014123
%RSD	1.025753	.6427895	.2160883

#1	.4192389	.1059332	.6533155
#2	.4255769	.1062457	.6523423
#3	.4275705	.1049441	.6551254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.060	2424.964	30752.03	5403.070	2493.385
Stddev	9.725	5.794	209.82	21.062	5.533
%RSD	.6711487	.2389395	.6823031	.3898125	.2219189

#1	1450.637	2430.501	30932.91	5389.668	2496.277
#2	1438.643	2425.448	30522.00	5392.196	2496.874
#3	1457.901	2418.943	30801.20	5427.346	2487.005

Sample Name: K4216-03DLX2 Acquired: 08/15/2019 17:45:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0705147	.0495421	.0778379	.0487915	.0129115	47.00822	2.355262
Stddev	.0012023	.0015358	.0018261	.0017987	.0016912	.18834	.019053
%RSD	1.705009	3.100053	2.346031	3.686510	13.09836	.4006539	.8089476

#1	.0715765	.0497337	.0790865	.0473106	.0109593	46.83566	2.350253
#2	.0692093	.0479195	.0786852	.0507931	.0138438	47.20913	2.376319
#3	.0707583	.0509732	.0757421	.0482709	.0139313	46.97988	2.339214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485547	.0502039	451.9299	.2652554	.5499769	.3023503	115.6480
Stddev	.0007006	.0002104	4.1838	.0009743	.0004007	.0025214	.4718
%RSD	1.442956	.4191544	.9257545	.3673045	.0728633	.8339478	.4079459

#1	.0485848	.0500924	450.3222	.2654216	.5495715	.2994641	115.4694
#2	.0492398	.0500727	456.6790	.2642088	.5503728	.3034613	116.1830
#3	.0478395	.0504466	448.7883	.2661360	.5499865	.3041254	115.2916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.774727	91.32257	.6729520	.0434207	.2642032	.5414851	.7836263
Stddev	.019794	.44282	.0011816	.0004067	.0742127	.0053252	.0080383
%RSD	.7133719	.4848933	.1755805	.9367207	28.08924	.9834390	1.025784

#1	2.773899	91.27778	.6716970	.0436523	.1814047	.5410369	.7802827
#2	2.794922	91.78607	.6740430	.0429510	.3247290	.5470203	.7777995
#3	2.755360	90.90384	.6731160	.0436587	.2864759	.5363982	.7927968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32467	2.363557	.0580100	.0344759	29.34495	1.842111	-.003693
Stddev	.03337	.003507	.0032032	.0006473	.07446	.038172	.000358
%RSD	.3232520	.1483961	5.521859	1.877576	.2537271	2.072181	9.695603

#1	10.29435	2.359565	.0555534	.0337805	29.36566	1.840696	-.004065
#2	10.31924	2.364961	.0568437	.0345861	29.26233	1.880972	-.003350
#3	10.36043	2.366146	.0616330	.0350610	29.40685	1.804667	-.003665

Sample Name: K4216-03DLX2 Acquired: 08/15/2019 17:45:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOB4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4734287	.1110107	.6455615
Stddev	.0018211	.0011757	.0015386
%RSD	.3846700	1.059118	.2383275

#1	.4754295	.1123606	.6450624
#2	.4729889	.1102105	.6472876
#3	.4718677	.1104610	.6443345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.286	2415.668	30662.73	5372.239	2480.729
Stddev	4.951	4.636	161.87	48.726	4.670
%RSD	.3451935	.1919116	.5278993	.9069939	.1882610

#1	1437.012	2420.331	30663.37	5367.805	2484.259
#2	1437.274	2411.059	30824.28	5325.882	2475.433
#3	1428.571	2415.614	30500.55	5423.031	2482.494

Sample Name: K4216-01LDLX10 Acquired: 08/15/2019 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095170	-.001001	.0123311	.0020817	-.000283	9.168294	.1030844
Stddev	.0029118	.001852	.0004536	.0015783	.000148	.016019	.0006371
%RSD	30.59543	184.9780	3.678767	75.81852	52.12146	.1747187	.6180137

#1	.0061549	-.001017	.0128356	.0004703	-.000127	9.160324	.1023611
#2	.0111725	.000859	.0122008	.0021500	-.000420	9.157824	.1033297
#3	.0112237	-.002845	.0119568	.0036247	-.000302	9.186734	.1035624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009276	-.000171	100.0717	.0165805	.0115495	.0284788	25.70845
Stddev	.0000135	.000040	.2607	.0004451	.0003686	.0020865	.09184
%RSD	1.458459	23.64156	.2605608	2.684543	3.191885	7.326455	.3572292

#1	.0009226	-.000135	99.8085	.0169684	.0115368	.0289504	25.73241
#2	.0009429	-.000164	100.0765	.0166787	.0111874	.0302892	25.60701
#3	.0009172	-.000215	100.3300	.0160945	.0119244	.0261969	25.78594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5002448	18.15352	.0360443	-.000466	-.205254	.0244100	.0637686
Stddev	.0016805	.13589	.0004110	.000249	.110556	.0007896	.0029368
%RSD	.3359383	.7485398	1.140273	53.39246	53.86282	3.234786	4.605434

#1	.4995410	18.16721	.0360406	-.000453	-.327161	.0237256	.0624950
#2	.4990306	18.01130	.0364571	-.000720	-.111491	.0242306	.0671272
#3	.5021628	18.28204	.0356351	-.000224	-.177110	.0252739	.0616835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.032408	.5006943	.0102048	.0076811	7.134081	.4502794	-.004103
Stddev	.065572	.0030141	.0007750	.0002989	.021975	.0008462	.001020
%RSD	3.226316	.6019872	7.594008	3.891554	.3080352	.1879348	24.86175

#1	1.987309	.4980165	.0103728	.0078906	7.108763	.4505639	-.003029
#2	2.002286	.5001079	.0108819	.0078140	7.148211	.4493275	-.005059
#3	2.107628	.5039585	.0093596	.0073388	7.145269	.4509466	-.004219

Sample Name: K4216-01LDLX10 Acquired: 08/15/2019 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOB4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0941359	.0198684	.1404809
Stddev	.0012927	.0019350	.0002940
%RSD	1.373236	9.739173	.2092421

#1	.0951698	.0185376	.1407851
#2	.0945514	.0189794	.1404594
#3	.0926865	.0220881	.1401984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.303	2350.930	29603.73	5077.295	2514.933
Stddev	7.290	8.331	91.94	8.016	5.728
%RSD	.5150841	.3543881	.3105549	.1578822	.2277601

#1	1410.934	2358.172	29502.84	5086.481	2520.772
#2	1411.256	2352.794	29682.78	5073.693	2509.323
#3	1423.718	2341.825	29625.57	5071.712	2514.703

Sample Name: K4188-17DLX5 Acquired: 08/15/2019 17:53:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062721	.0029937	5.187387	.0029711	.0072941	11.64559	.1270276
Stddev	.0033797	.0010816	.014788	.0010159	.0009662	.05047	.0005110
%RSD	53.88490	36.12988	.2850813	34.19304	13.24656	.4333424	.4022884

#1	.0047129	.0023072	5.175208	.0033952	.0063163	11.60536	.1264383
#2	.0039535	.0042406	5.183110	.0018119	.0082483	11.62920	.1273489
#3	.0101500	.0024334	5.203842	.0037063	.0073177	11.70221	.1272956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012733	.0079585	33.35610	.0803150	.0095657	14.63643	67.16955
Stddev	.0000447	.0000604	.16281	.0009341	.0001020	.01870	.08128
%RSD	3.514646	.7588993	.4880952	1.163079	1.066257	.1277854	.1210126

#1	.0013234	.0078895	33.16892	.0800850	.0094489	14.64230	67.11440
#2	.0012595	.0080018	33.43454	.0795174	.0096104	14.61550	67.13135
#3	.0012371	.0079841	33.46484	.0813426	.0096377	14.65150	67.26289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5612329	3.137528	.0796309	.0153884	-.455854	.0430503	1.022713
Stddev	.0007235	.007958	.0005116	.0001362	.243450	.0029961	.003998
%RSD	.1289158	.2536363	.6424712	.8852997	53.40527	6.959635	.3909263

#1	.5608591	3.133677	.0792400	.0153866	-.266717	.0395916	1.025890
#2	.5607728	3.132228	.0802100	.0155255	-.730529	.0448507	1.024025
#3	.5620669	3.146679	.0794428	.0152531	-.370316	.0447086	1.018224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665749	1.108074	.0195482	.0059952	.8955130	.4898289	.3147936
Stddev	.015372	.005130	.0007005	.0001800	.0045942	.0065925	.0006848
%RSD	.9228518	.4629580	3.583438	3.001555	.5130227	1.345877	.2175229

#1	1.673722	1.107954	.0189527	.0058134	.8907632	.4973248	.3142088
#2	1.648028	1.103005	.0203200	.0059991	.8958420	.4849321	.3146253
#3	1.675496	1.113263	.0193718	.0061732	.8999339	.4872299	.3155469

Sample Name: K4188-17DLX5 Acquired: 08/15/2019 17:53:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2849911	.0035686	.1746340
Stddev	.0007128	.0004080	.0005141
%RSD	.2501063	11.43395	.2943713

#1	.2844094	.0038183	.1752236
#2	.2857862	.0030977	.1743989
#3	.2847775	.0037897	.1742795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.740	2339.749	29727.59	5061.424	2534.727
Stddev	5.577	4.584	150.33	4.465	8.560
%RSD	.3900747	.1959385	.5056913	.0882233	.3376988

#1	1426.927	2342.325	29670.45	5056.748	2544.334
#2	1426.129	2342.465	29898.11	5065.643	2531.937
#3	1436.163	2334.455	29614.21	5061.882	2527.911

Sample Name: CCV043 Acquired: 08/15/2019 17:57:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.729440	4.995576	24.50862	4.742865	4.898903	392.1189	9.850887
Stddev	.008827	.012891	.03262	.007829	.008935	10.6946	.395104
%RSD	.1866388	.2580436	.1330926	.1650708	.1823904	2.727383	4.010847

#1	4.722302	5.010460	24.47194	4.734082	4.888684	394.8330	10.05440
#2	4.726708	4.988249	24.51955	4.749111	4.905239	380.3287	9.39551
#3	4.739310	4.988018	24.53437	4.745403	4.902788	401.1949	10.10274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975463	2.400505	400.2739	15.17389	2.453043	14.50077	399.0575
Stddev	.0194430	.000889	16.3132	.03798	.001723	.59035	16.0597
%RSD	3.907773	.0370202	4.075508	.2503248	.0702559	4.071172	4.024401

#1	.5117545	2.399593	409.4815	15.14492	2.451336	14.83314	408.3167
#2	.4753881	2.400553	381.4386	15.21690	2.454783	13.81916	380.5134
#3	.5054962	2.401368	409.9016	15.15986	2.453011	14.85001	408.3424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45546	391.5270	2.452417	1.258689	389.0986	2.413991	14.30903
Stddev	.58340	15.7290	.003914	.005910	15.1494	.085201	.06595
%RSD	4.035830	4.017350	.1596176	.4695677	3.893469	3.529466	.4609111

#1	14.80563	400.6614	2.456526	1.251941	397.5067	2.454886	14.23366
#2	13.78198	373.3648	2.448732	1.261177	371.6098	2.316052	14.35614
#3	14.77875	400.5549	2.451993	1.262948	398.1792	2.471034	14.33730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.6739	5.156553	4.921356	4.769325	4.906520	4.897640	4.940483
Stddev	5.7146	.020512	.189589	.007683	.014627	.189264	.007909
%RSD	3.843710	.3977945	3.852369	.1610877	.2981157	3.864392	.1600790

#1	151.7448	5.176992	5.045874	4.760581	4.899080	5.030190	4.945694
#2	142.0804	5.135967	4.703163	4.772402	4.923372	4.680887	4.931383
#3	152.1966	5.156701	5.015031	4.774993	4.897109	4.981844	4.944373

Sample Name: CCV043 Acquired: 08/15/2019 17:57:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.821578	4.956915	4.826723
Stddev	.192216	.199298	.148186
%RSD	3.986576	4.020609	3.070118

#1	4.932817	5.059703	4.949413
#2	4.599626	4.727208	4.662085
#3	4.932290	5.083835	4.868671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.234	2118.986	27737.88	4905.931	2455.572
Stddev	11.469	1.883	225.58	173.354	3.589
%RSD	.9368252	.0888594	.8132562	3.533559	.1461432

#1	1233.479	2120.714	27990.02	4792.808	2451.492
#2	1211.400	2119.265	27555.17	5105.510	2456.980
#3	1227.824	2116.979	27668.46	4819.476	2458.242

Sample Name: CCB043 Acquired: 08/15/2019 18:01:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037473	.0029714	.0016950	.0000021	.0002104	.0134718	.0013160
Stddev	.0013629	.0017058	.0044351	.0006360	.0012296	.0075887	.0007020
%RSD	36.37109	57.40531	261.6544	30683.59	584.4563	56.33022	53.34380

#1	.0026120	.0027075	.0062453	.0004967	.0010216	.0216866	.0005353
#2	.0033710	.0014130	-.002615	.0002250	.0008139	.0067233	.0015172
#3	.0052588	.0047937	.001455	-.000715	-.001204	.0120054	.0018953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000364	-.000035	.0089566	.0000628	-.000130	.0048286	.0326711
Stddev	.0000366	.000069	.0111590	.0000812	.000252	.0006291	.0104297
%RSD	100.5007	194.9585	124.5894	129.2525	193.5440	13.02828	31.92329

#1	-.000004	.000029	.0145657	.0000082	-.000420	.0042259	.0245266
#2	.000047	-.000108	.0161983	.0000241	-.000001	.0047789	.0290603
#3	.000067	-.000027	-.003894	.0001562	.000031	.0054811	.0444263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020597	.0256089	-.000496	-.000080	-.151836	.0028750	-.000612
Stddev	.0002155	.0301885	.000207	.000124	.180455	.0056761	.001884
%RSD	10.46021	117.8828	41.65430	154.8596	118.8489	197.4258	308.0103

#1	.0022814	.0098394	-.000372	-.000131	-.044587	.0076910	.001561
#2	.0020467	.0604164	-.000381	.000061	-.050743	-.003383	-.001609
#3	.0018511	.0065709	-.000734	-.000169	-.360177	.004317	-.001787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012973	-.000352	.0065505	.0006268	-.007286	.0002992	-.000319
Stddev	.039300	.001474	.0015843	.0001615	.001722	.0012817	.001385
%RSD	302.9437	418.9733	24.18665	25.76512	23.63842	428.3922	434.4710

#1	-.048946	.000014	.0081998	.0004932	-.007565	-.000230	-.000407
#2	.028972	.000905	.0064115	.0008063	-.008852	-.000633	-.001658
#3	-.018944	-.001974	.0050402	.0005810	-.005441	.001761	.001108

Sample Name: CCB043 Acquired: 08/15/2019 18:01:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v944) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007163	.0002251	.0002203
Stddev	.0010697	.0011545	.0000823
%RSD	149.3447	512.9238	37.33837

#1	.0018279	.0015434	.0001306
#2	.0006270	-.000262	.0002922
#3	-.000306	-.000606	.0002381

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.925	2337.032	29188.76	5002.172	2494.807
Stddev	13.320	2.048	89.73	29.996	2.844
%RSD	.9467186	.0876259	.3074089	.5996594	.1140101

#1	1416.853	2339.391	29219.85	4978.607	2497.164
#2	1412.133	2335.996	29258.81	5035.938	2491.648
#3	1391.788	2335.709	29087.62	4991.972	2495.609