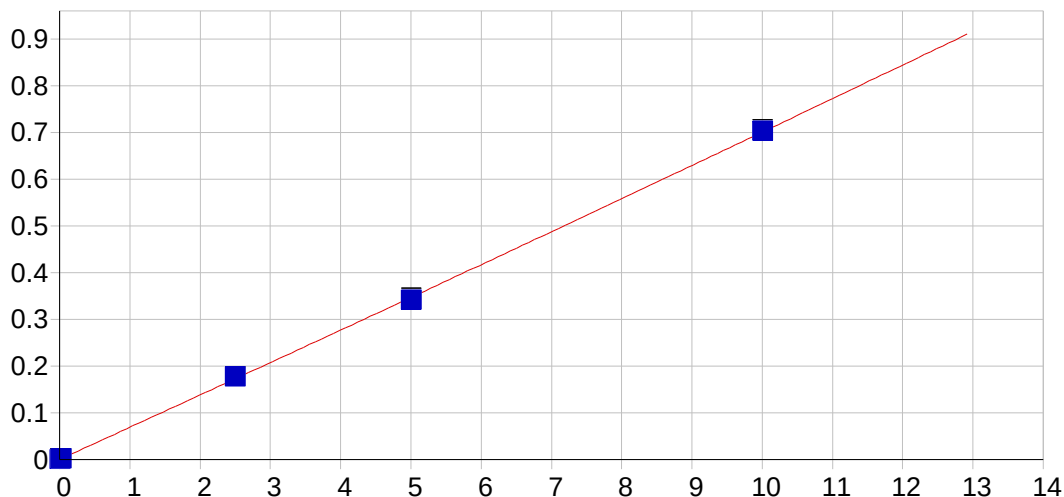


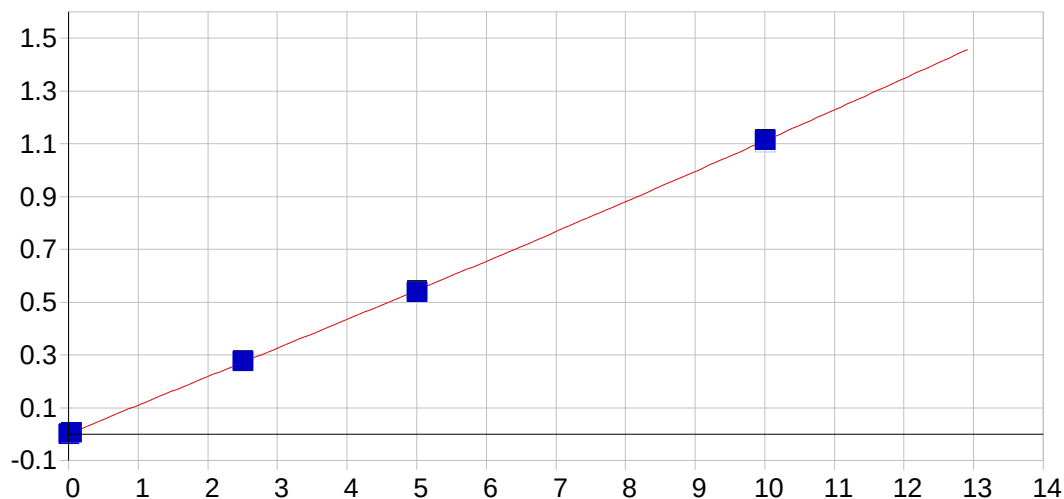


As 189.042 {479}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.068510 Y-int: 0.000000
 A2 (Curvature): 0.000150
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: Warning Positive Curvature
 Std Error of Est: 0.000023
 Predicted MDL: 0.003384
 Predicted MQL: 0.011281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.02000	.01961	-.000	-1.96	.00186	.000	1
S3	2.5000	2.5511	.051	2.04	.17626	.000	1
S4	5.0000	4.9250	-.075	-1.50	.34153	.003	1
S5	10.000	10.024	.024	.244	.70227	.002	1

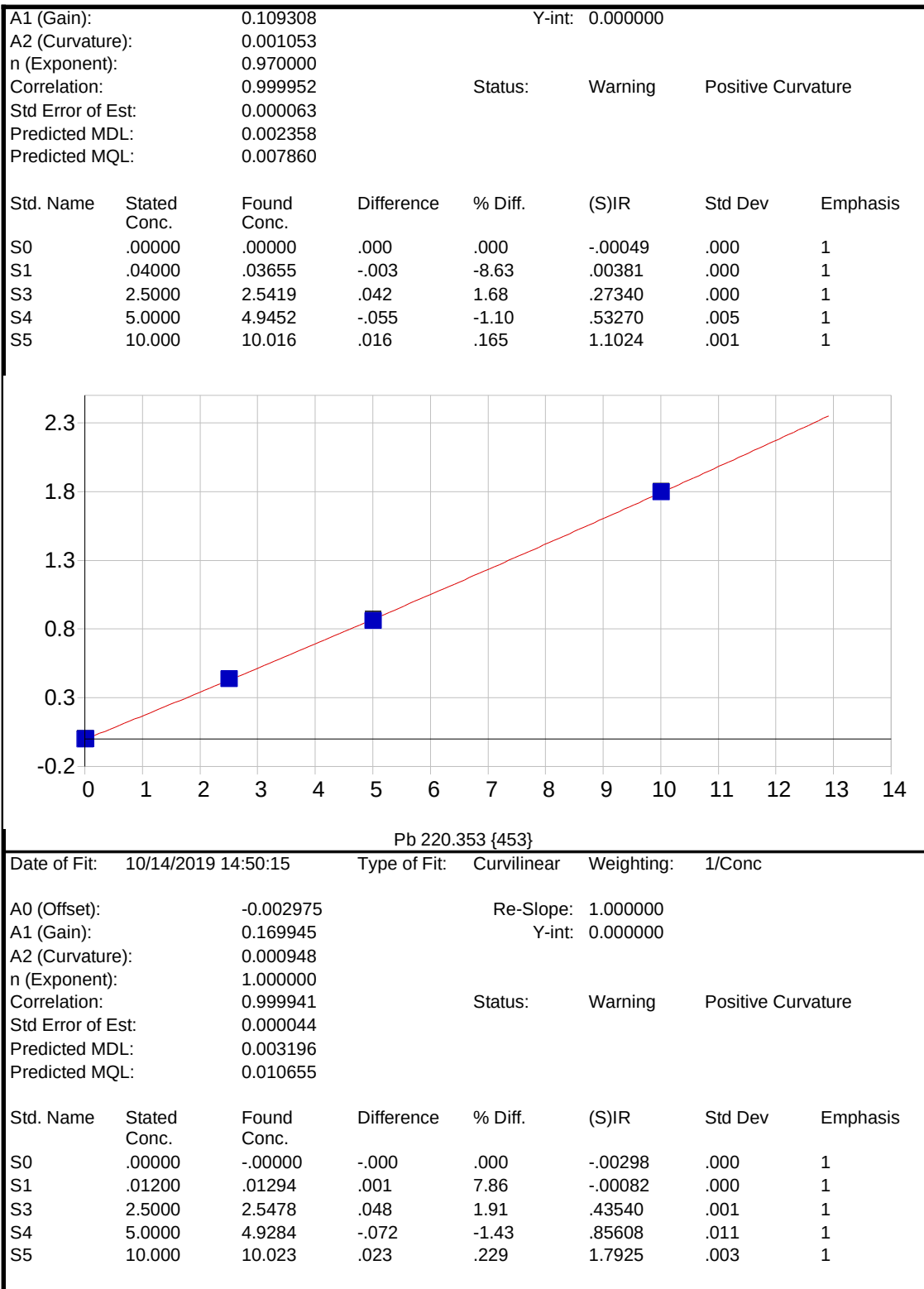


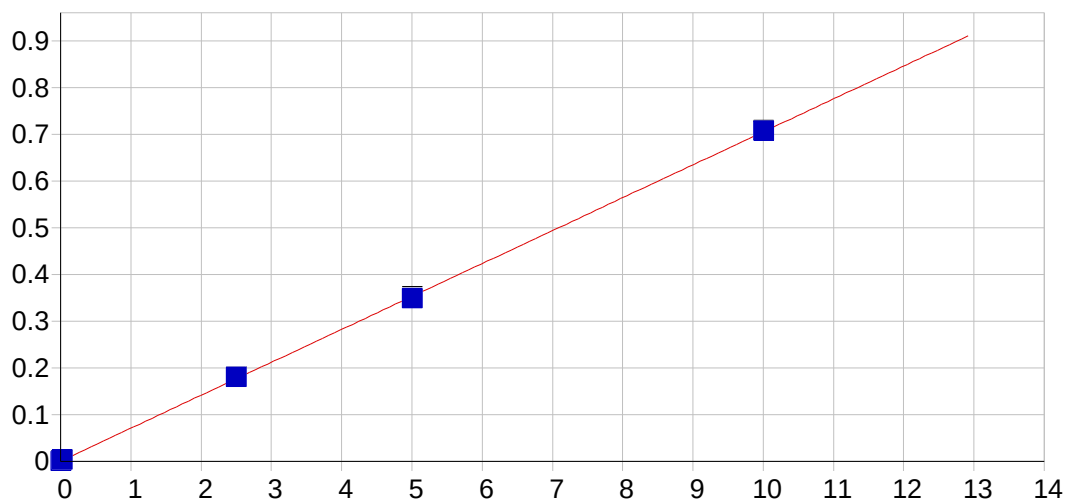
TI 190.856 {477}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000





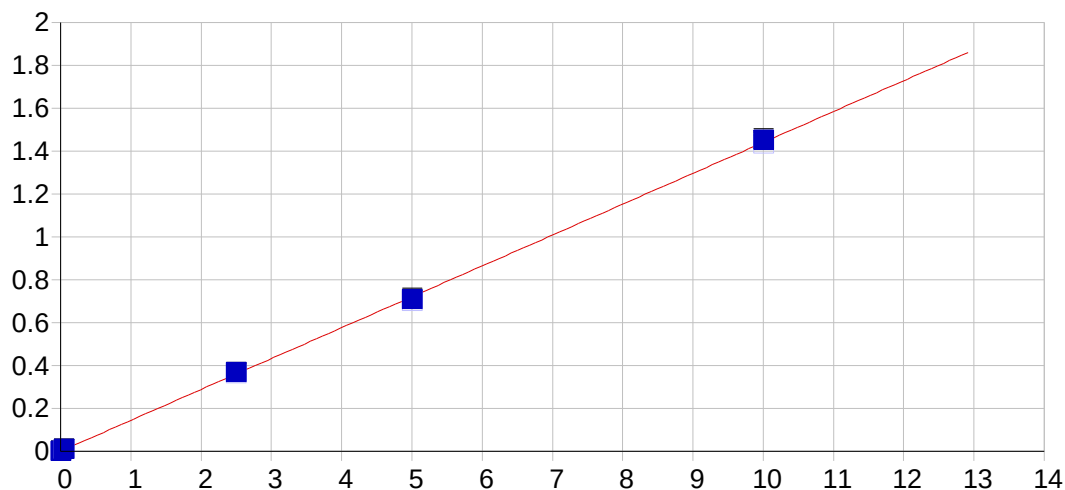


Se 196.090 {472}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000656 Re-Slope: 1.000000
 A1 (Gain): 0.070444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.004229
 Predicted MQL: 0.014096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.02000	.02282	.003	14.1	.00227	.000	1
S3	2.5000	2.5461	.046	1.84	.18012	.000	1
S4	5.0000	4.9363	-.064	-1.27	.34860	.003	1
S5	10.000	10.015	.015	.148	.70656	.001	1

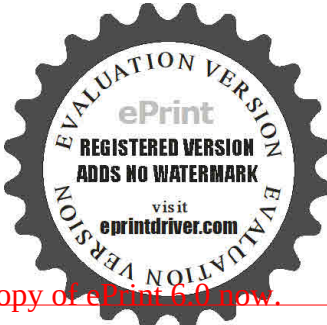
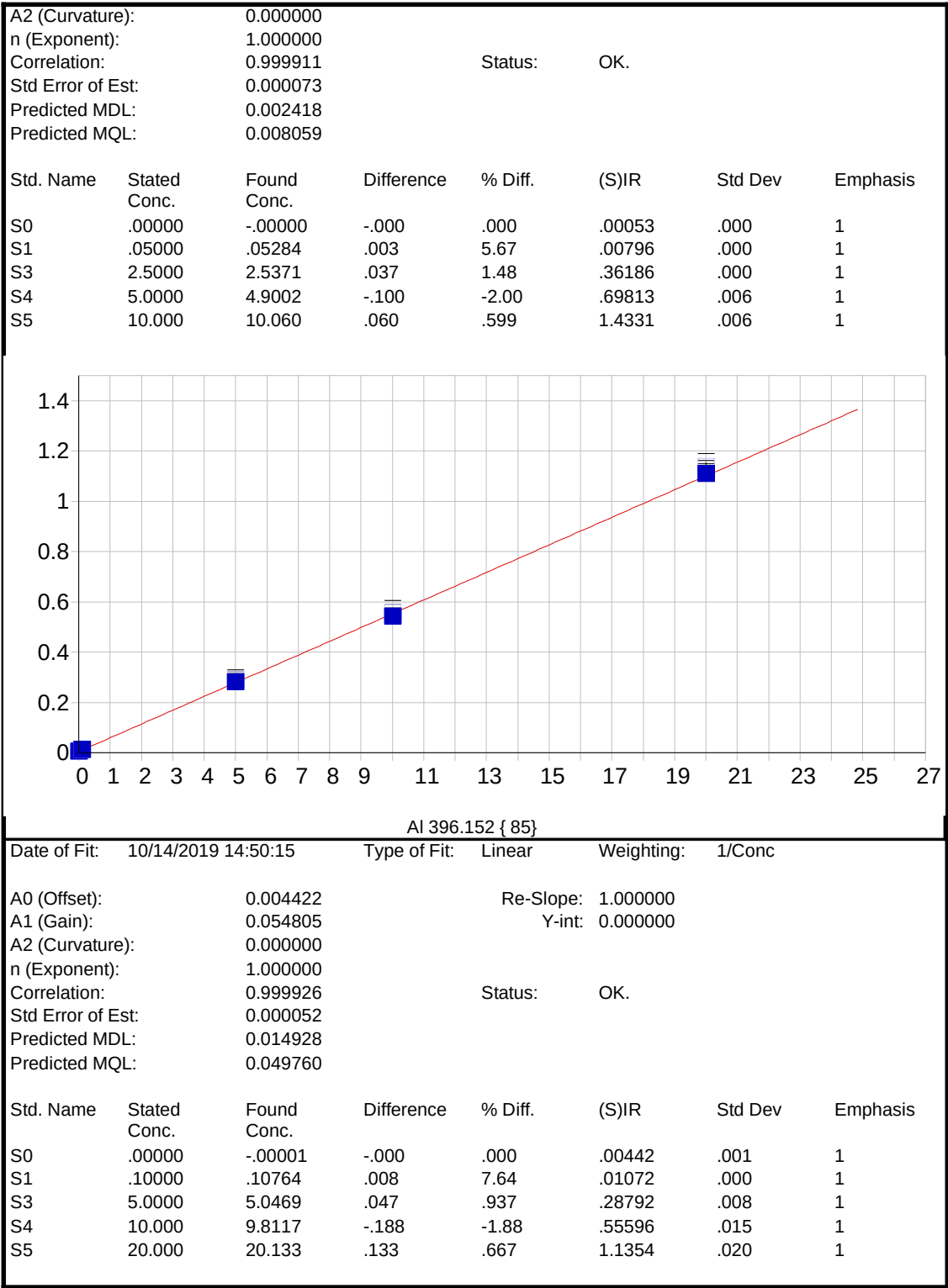


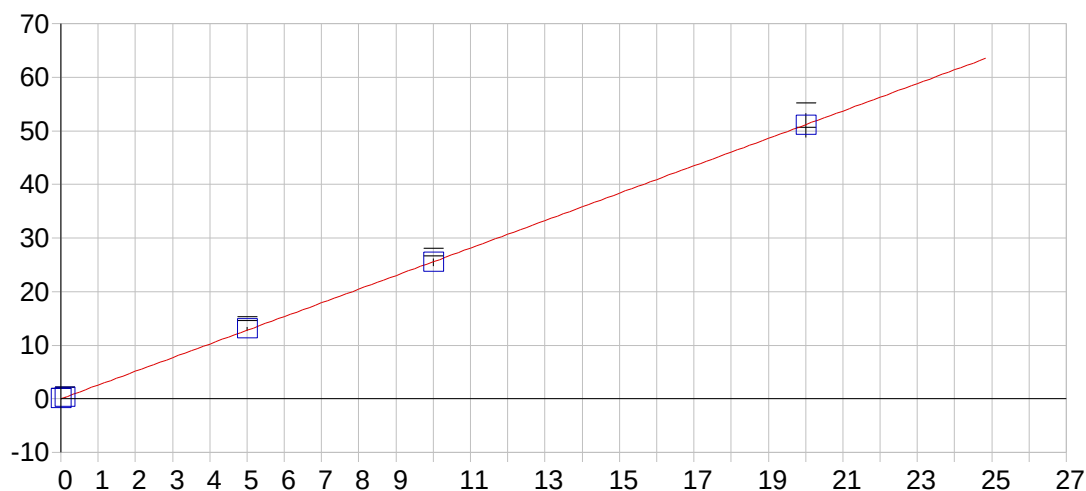
Sb 206.833 {463}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000529 Re-Slope: 1.000000
 A1 (Gain): 0.144016 Y-int: 0.000000





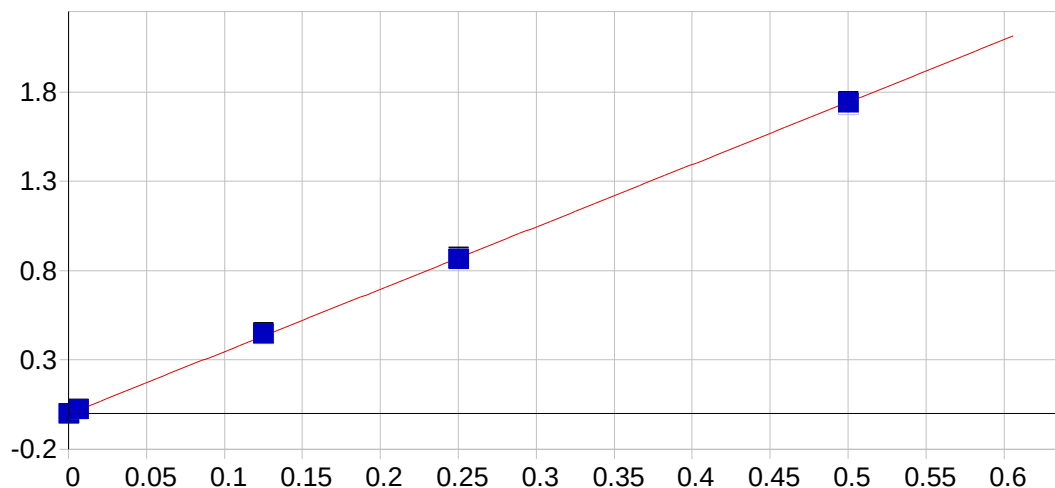


Ba 493.409 { 68}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003201 Re-Slope: 1.000000
 A1 (Gain): 2.557034 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.001711
 Predicted MDL: 0.000737
 Predicted MQL: 0.002458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00322	.001	1
S1	.10000	.10561	.006	5.61	.26684	.005	1
S3	5.0000	5.0991	.099	1.98	13.035	.363	1
S4	10.000	9.9474	-.053	-.526	25.433	.716	1
S5	20.000	19.948	-.052	-.260	51.004	2.24	1

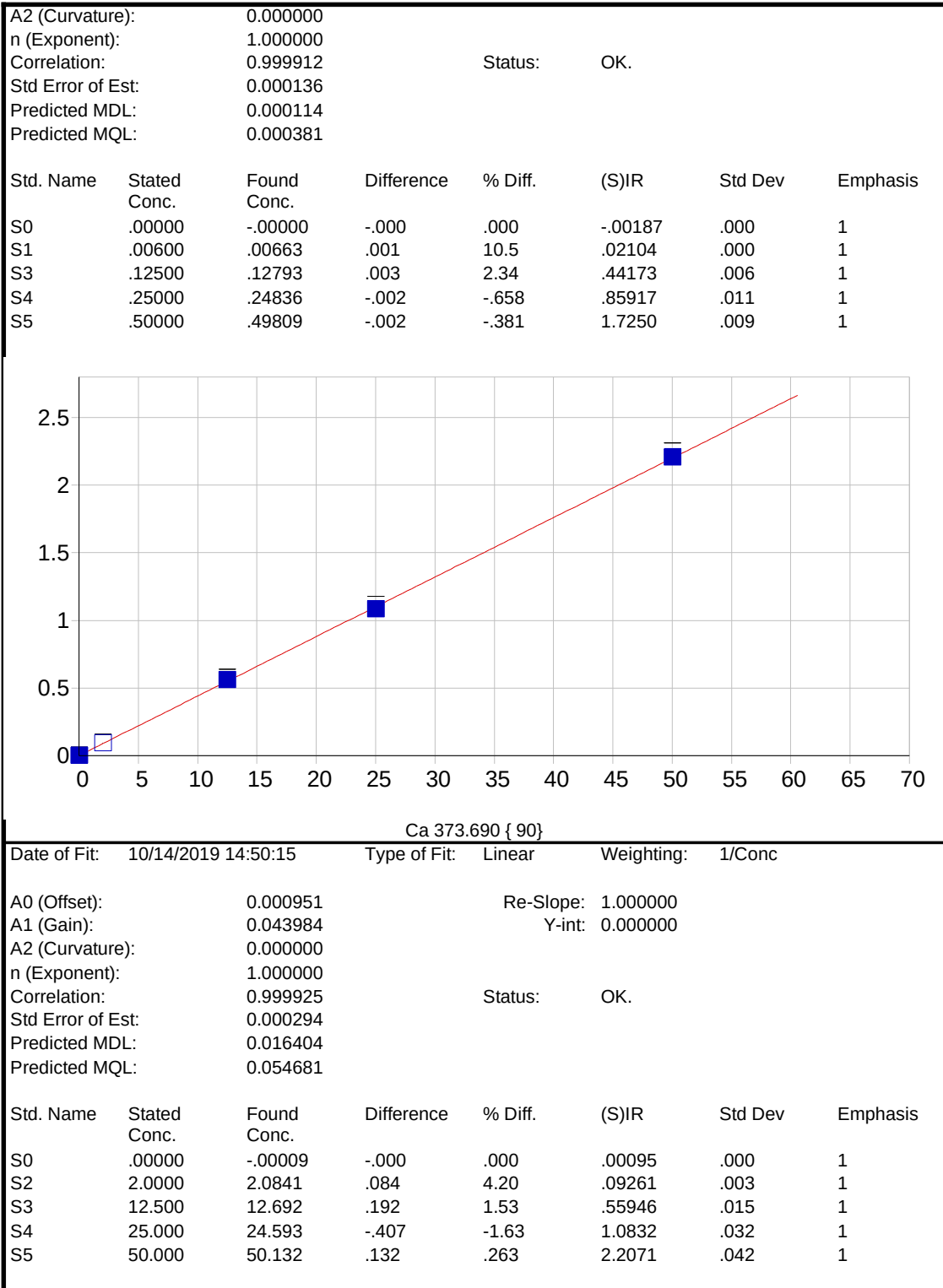


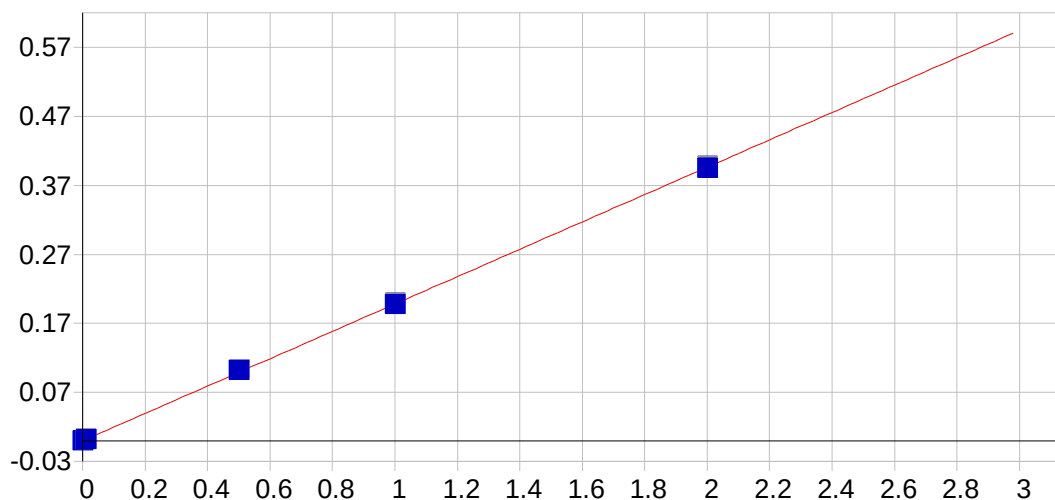
Be 234.861 {144}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001866 Re-Slope: 1.000000
 A1 (Gain): 3.489086 Y-int: 0.000000





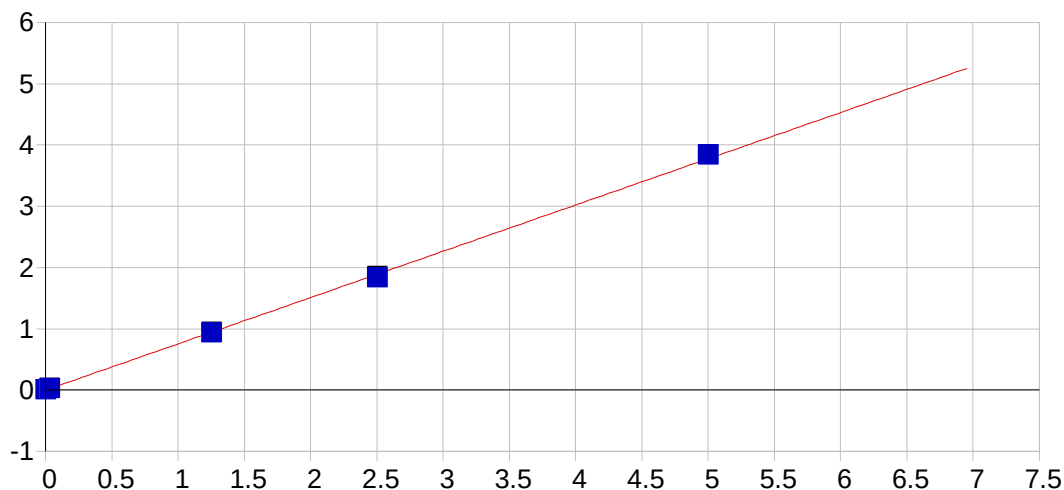


Cr 267.716 {126}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.198381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000627
 Predicted MQL: 0.002089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01054	.001	5.38	.00193	.000	1
S3	.50000	.51511	.015	3.02	.10269	.000	1
S4	1.0000	.99428	-.006	-.572	.19843	.000	1
S5	2.0000	1.9901	-.010	-.496	.39733	.000	1

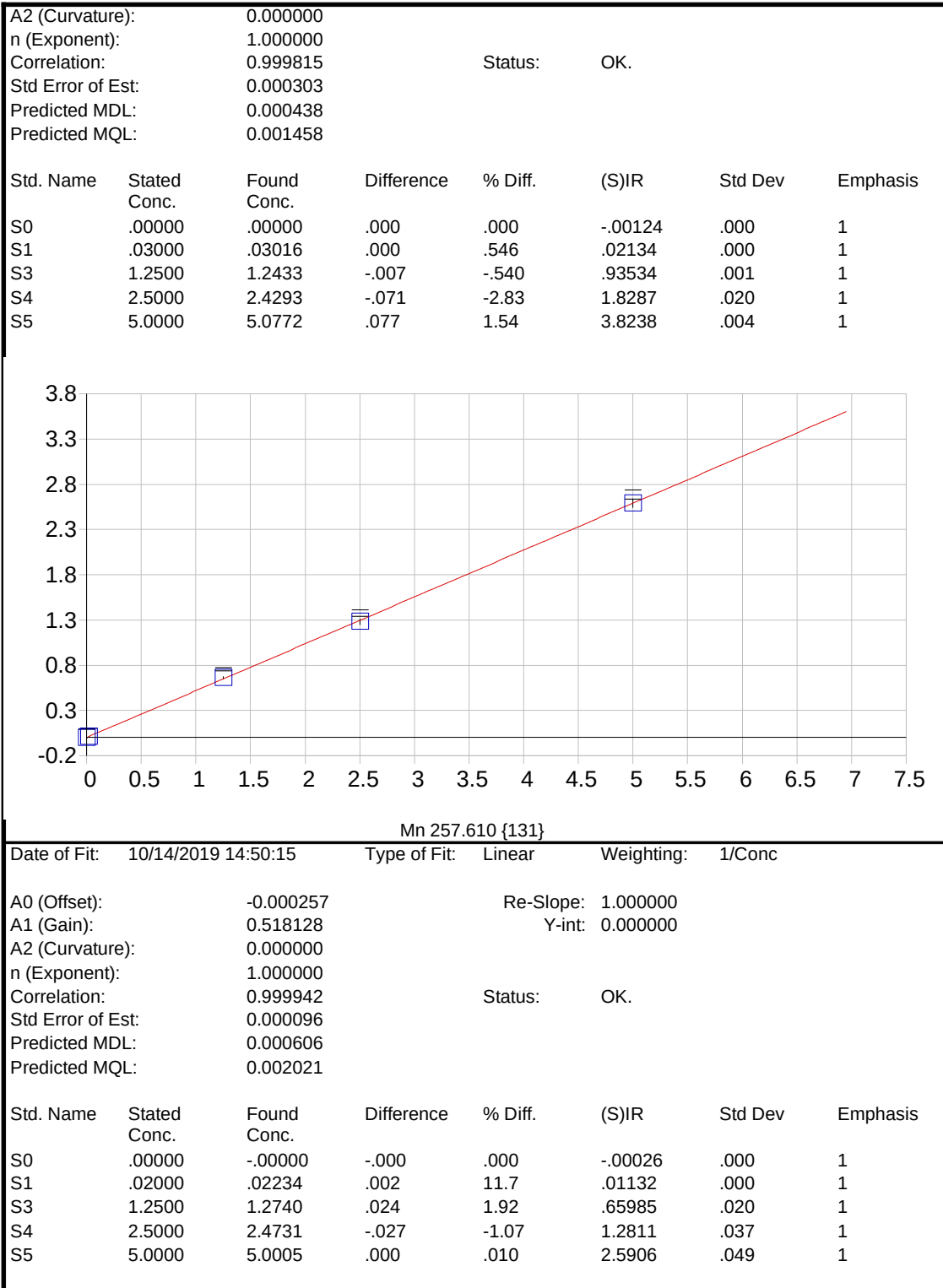


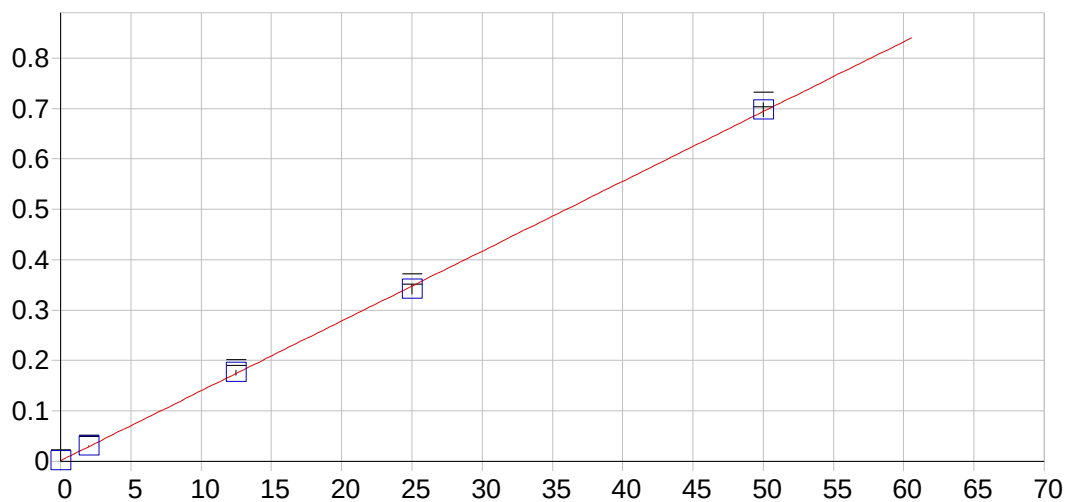
Co 228.616 {448}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001240 Re-Slope: 1.000000
 A1 (Gain): 0.755404 Y-int: 0.000000





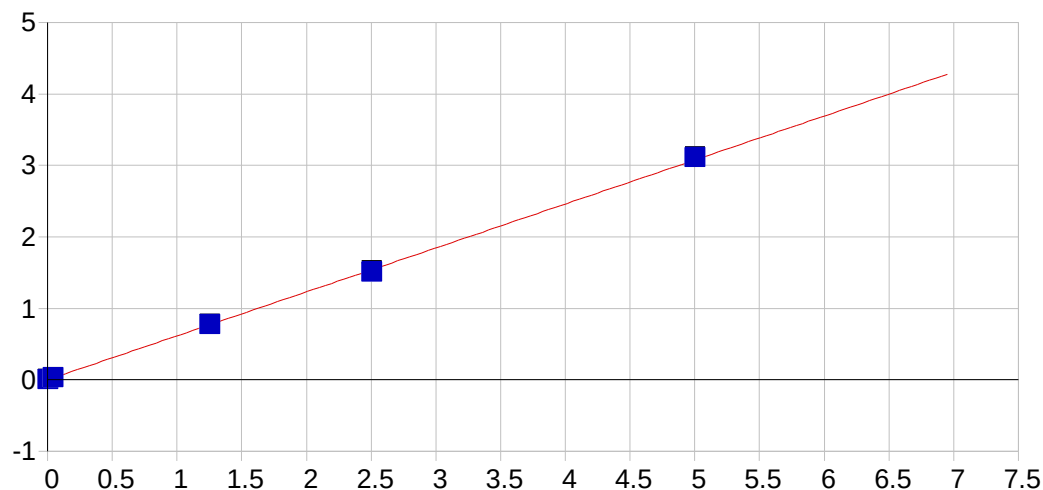


Mg 279.079 {121}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001513 Re-Slope: 1.000000
 A1 (Gain): 0.013850 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.027332
 Predicted MQL: 0.091106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00151	.000	1
S2	2.0000	2.0610	.061	3.05	.03006	.001	1
S3	12.500	12.603	.103	.821	.17606	.006	1
S4	25.000	24.576	-.424	-1.69	.34189	.010	1
S5	50.000	50.260	.260	.520	.69762	.015	1

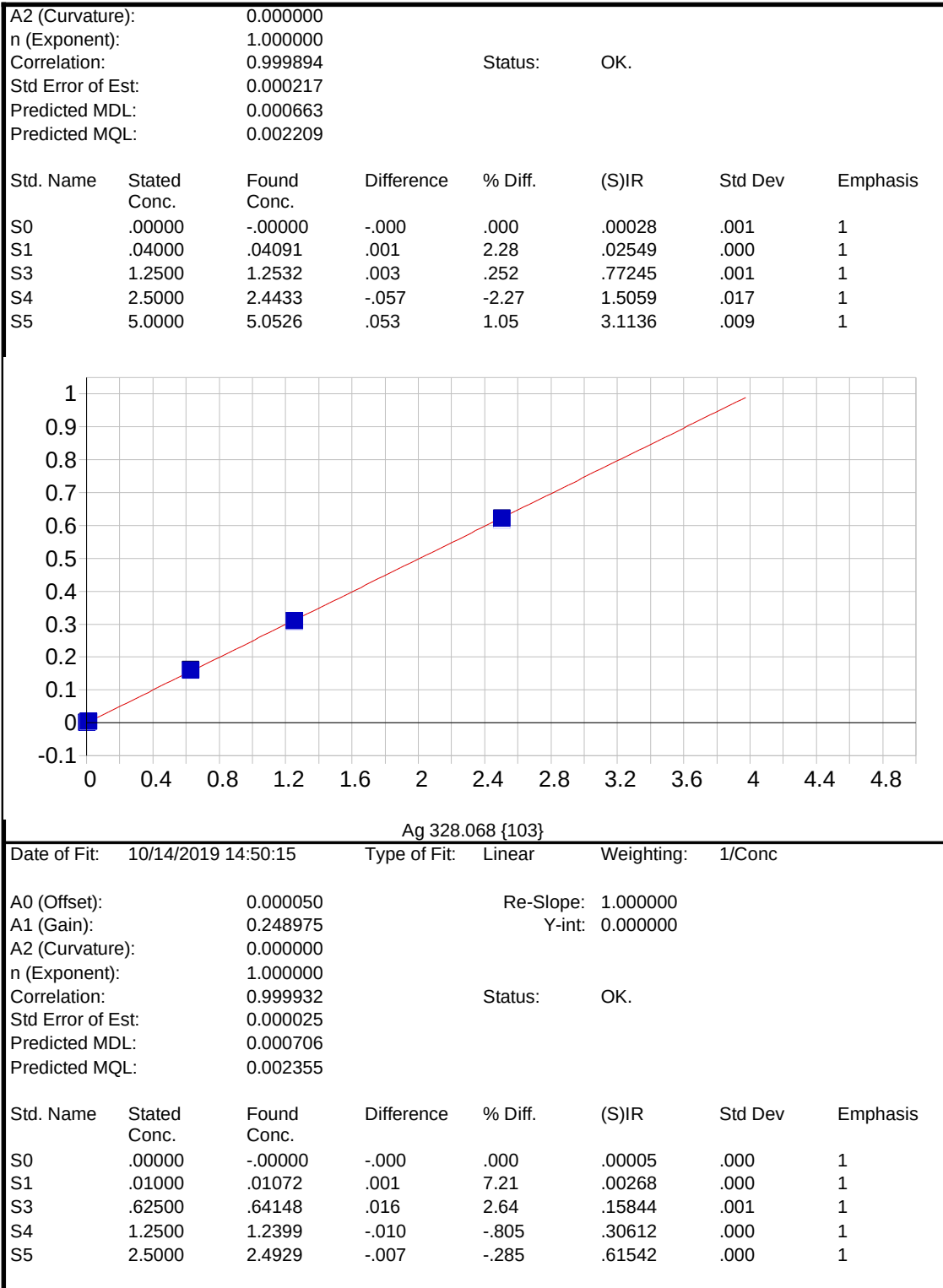


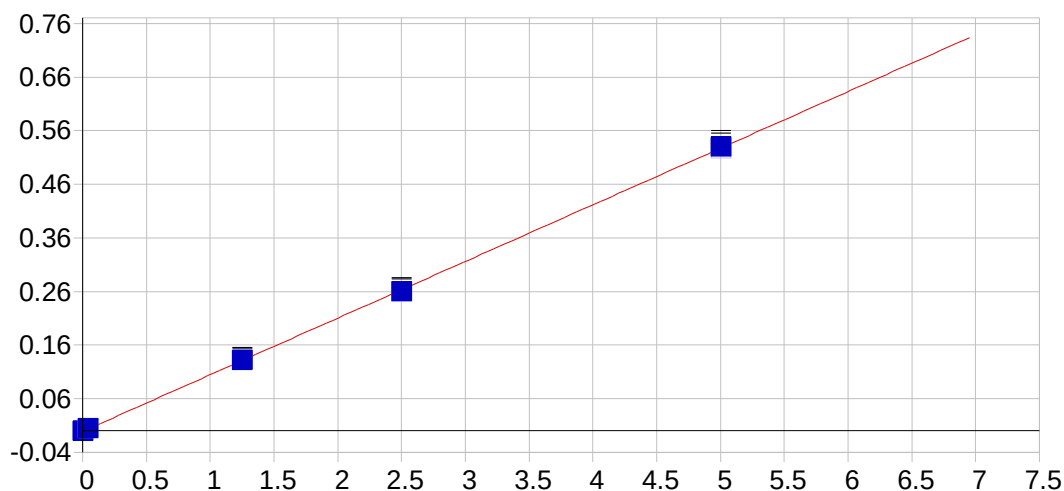
Ni 231.604 {446}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000281 Re-Slope: 1.000000
 A1 (Gain): 0.615143 Y-int: 0.000000





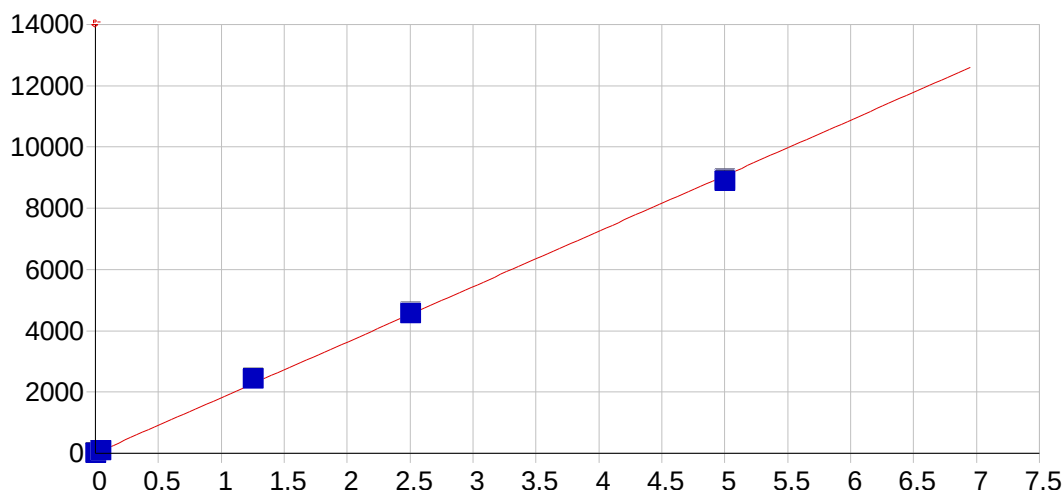


V 292.402 {115}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000794 Re-Slope: 1.000000
 A1 (Gain): 0.105652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003967
 Predicted MQL: 0.013223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00079	.001	1
S1	.04000	.04278	.003	6.95	.00366	.000	1
S3	1.2500	1.2579	.008	.632	.13108	.004	1
S4	2.5000	2.4684	-.032	-1.27	.25795	.007	1
S5	5.0000	5.0210	.021	.420	.52560	.011	1

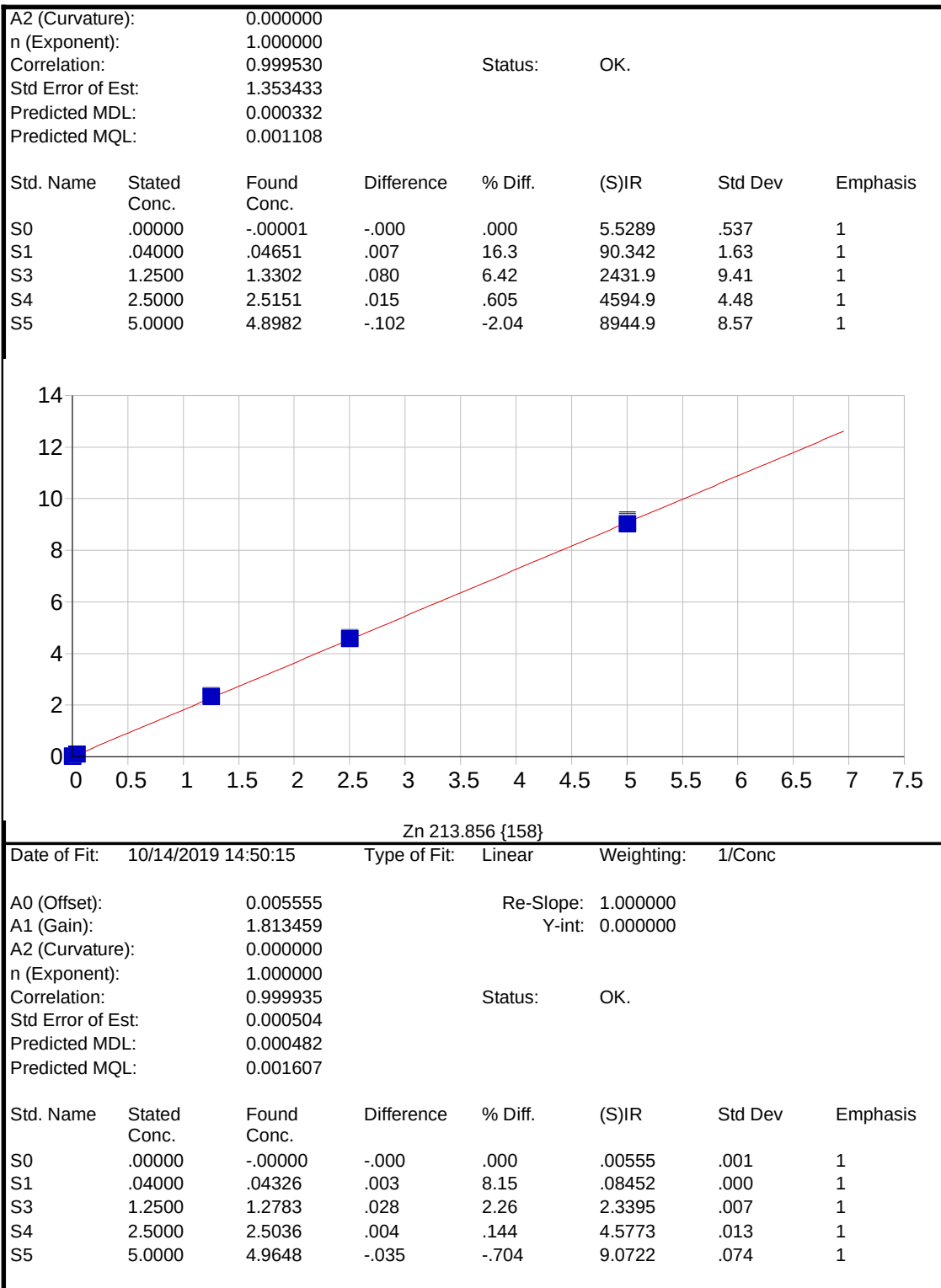


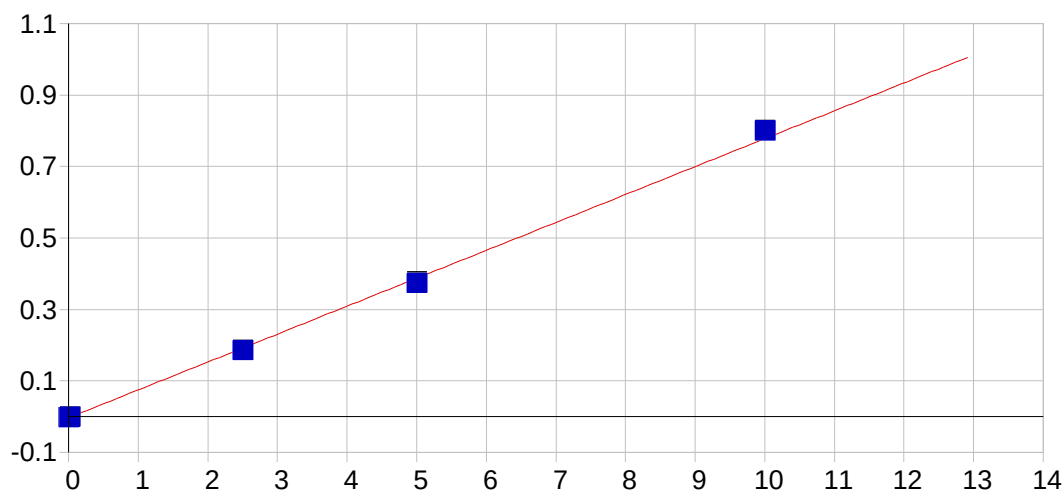
Zn 206.200 {464}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.544310 Re-Slope: 1.000000
 A1 (Gain): 1812.175398 Y-int: 0.000000





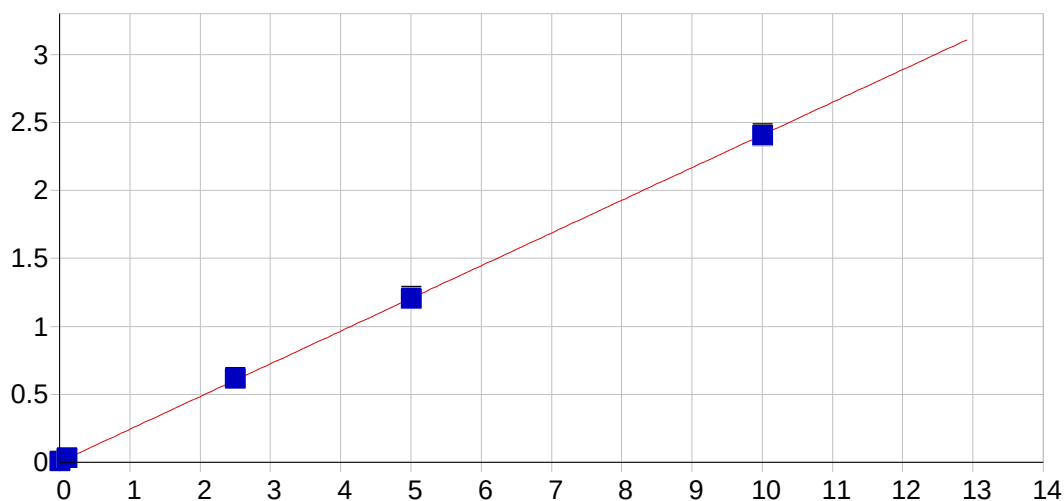


P 177.495 {490}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003321 Re-Slope: 1.000000
 A1 (Gain): 0.078117 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999494 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002463
 Predicted MQL: 0.008209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00332	.000	1
S1	.02000	.01957	-.000	-2.13	-.00180	.000	1
S3	2.5000	2.4088	-.091	-3.65	.18456	.000	1
S4	5.0000	4.8162	-.184	-3.68	.37234	.004	1
S5	10.000	10.275	.275	2.75	.79823	.001	1

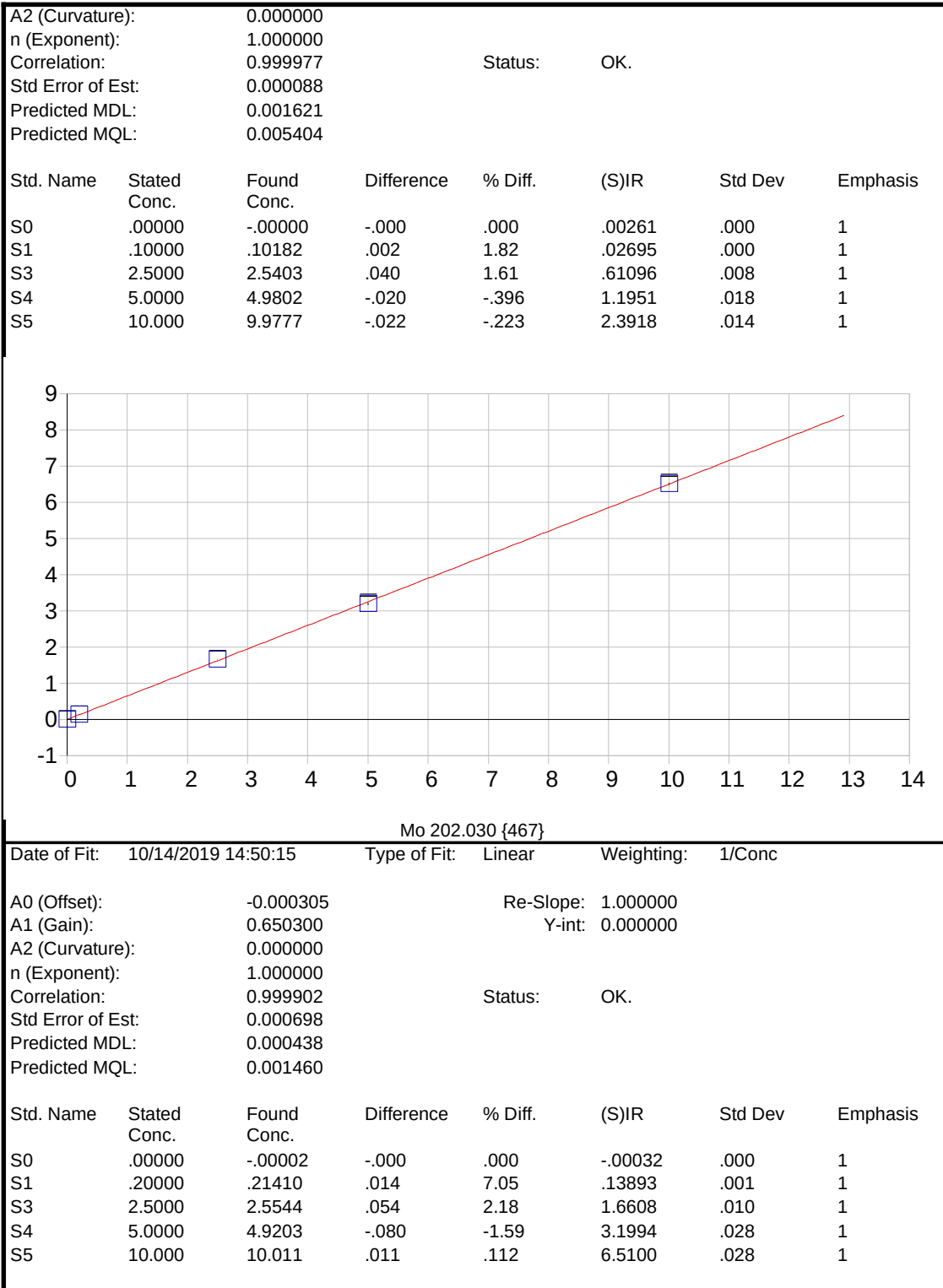


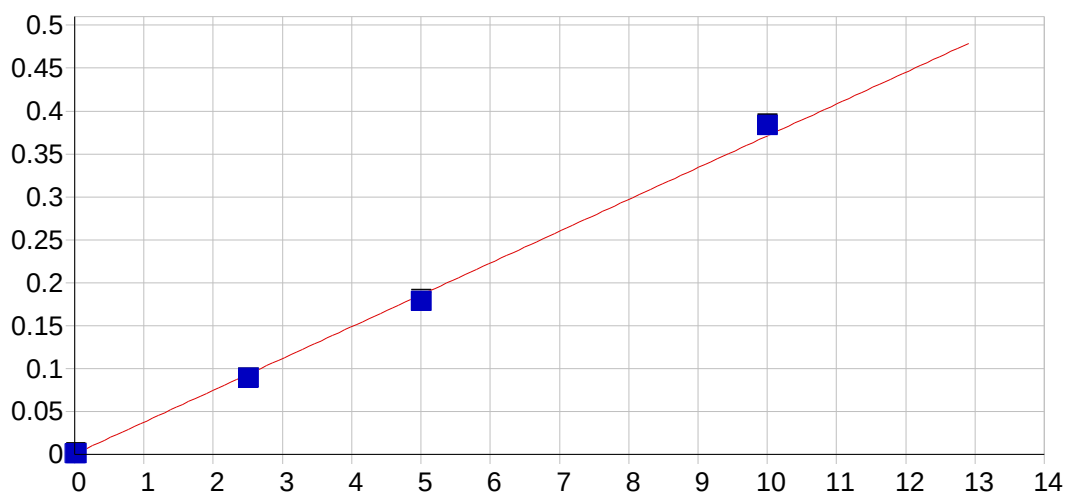
B 249.678 {135}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002615 Re-Slope: 1.000000
 A1 (Gain): 0.240524 Y-int: 0.000000





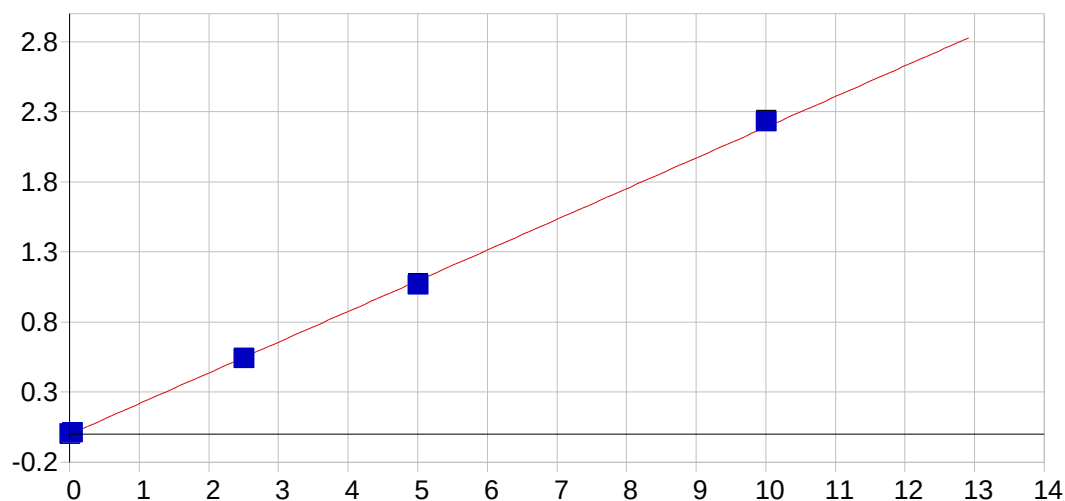


S 182.034 {485}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000508 Re-Slope: 1.000000
 A1 (Gain): 0.037058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999293 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.005019
 Predicted MQL: 0.016729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00051	.000	1
S1	.02000	.01592	-.004	-20.4	.00108	.000	1
S3	2.5000	2.3813	-.119	-4.75	.08868	.000	1
S4	5.0000	4.8007	-.199	-3.99	.17827	.002	1
S5	10.000	10.322	.322	3.22	.38273	.001	1



Sn 189.989 {478}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

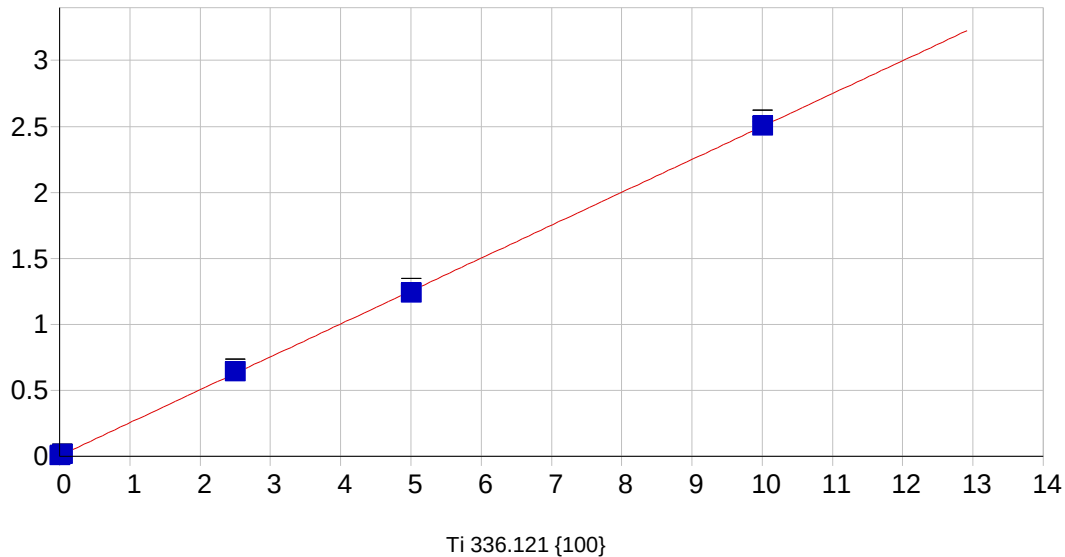
A0 (Offset): -0.000493 Re-Slope: 1.000000
 A1 (Gain): 0.219016 Y-int: 0.000000



A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773
 Std Error of Est: 0.000160
 Predicted MDL: 0.001018
 Predicted MQL: 0.003392

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00049	.000	1
S1	.04000	.03800	-.002	-4.99	.00783	.000	1
S3	2.5000	2.4611	-.039	-1.55	.53885	.001	1
S4	5.0000	4.8590	-.141	-2.82	1.0643	.011	1
S5	10.000	10.182	.182	1.82	2.2307	.005	1



Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

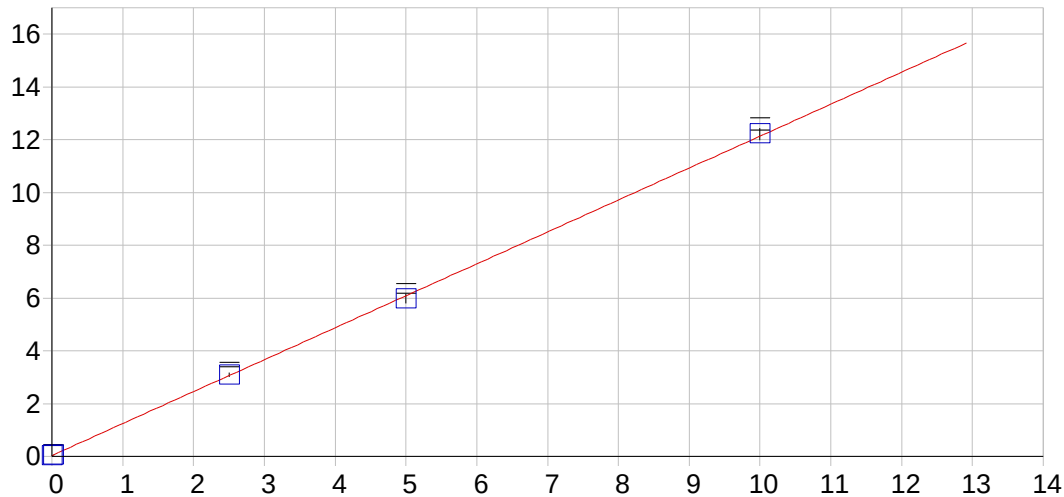
A0 (Offset): 0.005291
 A1 (Gain): 0.249414
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000074
 Predicted MDL: 0.001938
 Predicted MQL: 0.006459

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00529	.000	1
S1	.04000	.04148	.001	3.70	.01563	.000	1
S3	2.5000	2.5401	.040	1.60	.63875	.019	1
S4	5.0000	4.9457	-.054	-1.09	1.2387	.031	1
S5	10.000	10.013	.013	.127	2.5023	.044	1



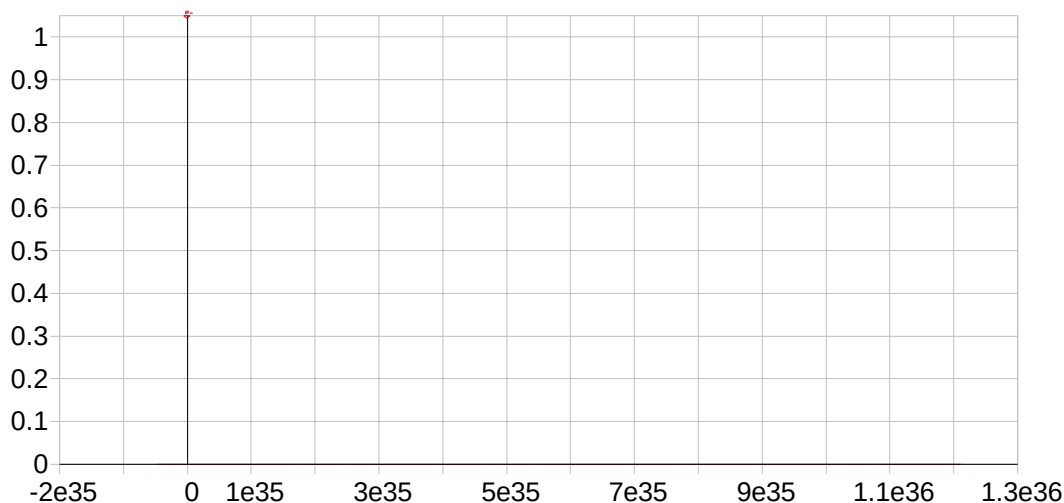


Li 670.784 { 50}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033383 Re-Slope: 1.000000
 A1 (Gain): 1.210247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000354
 Predicted MDL: 0.001629
 Predicted MQL: 0.005431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03339	.001	1
S5	10.000	10.067	.067	.674	12.217	.226	1
S4	5.0000	4.9079	-.092	-1.84	5.9732	.177	1
S3	2.5000	2.5263	.026	1.05	3.0908	.089	1
S1	.02000	.01835	-.002	-8.26	.05559	.000	1

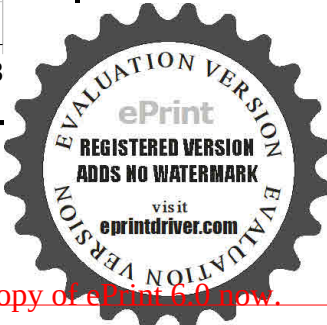
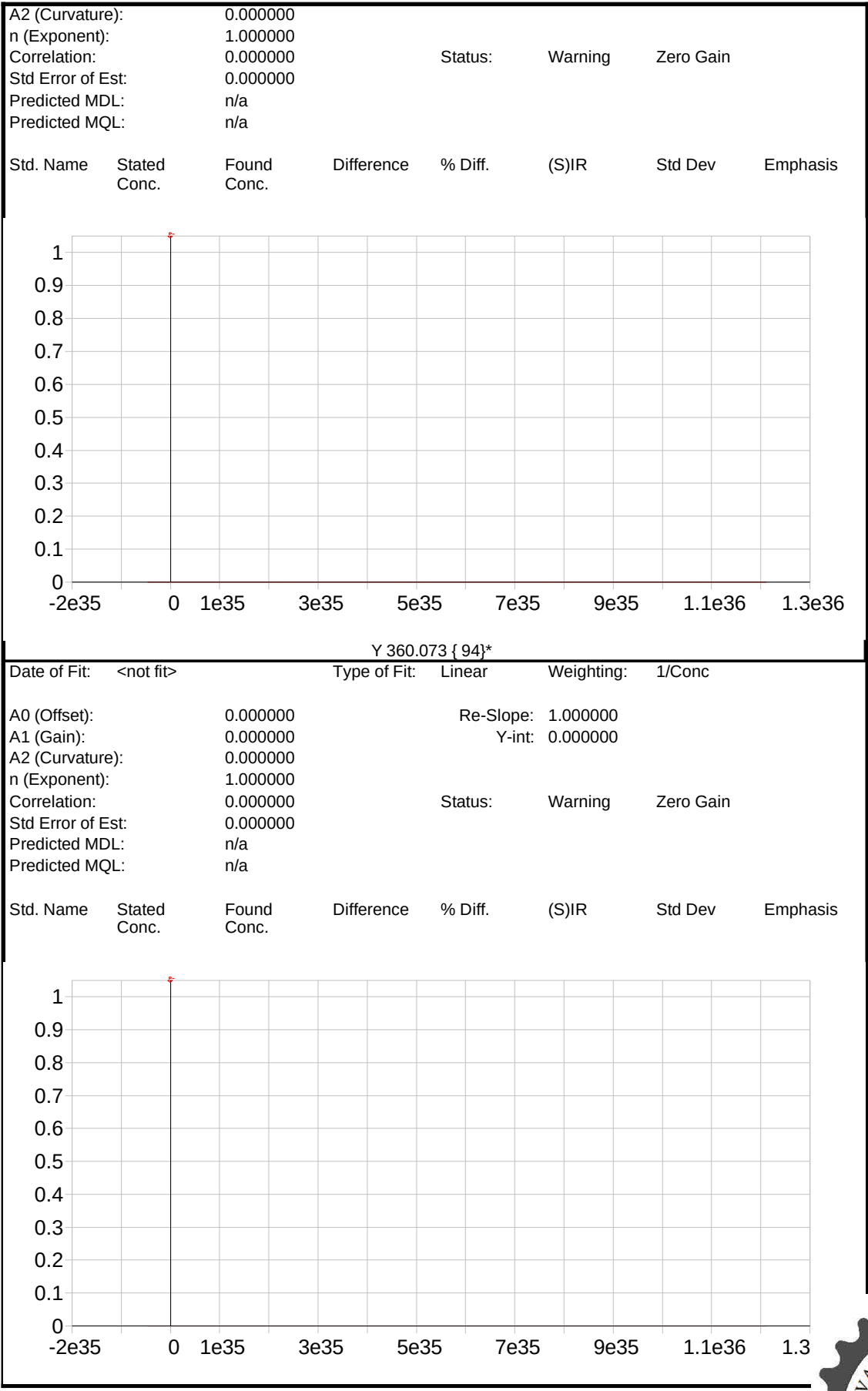


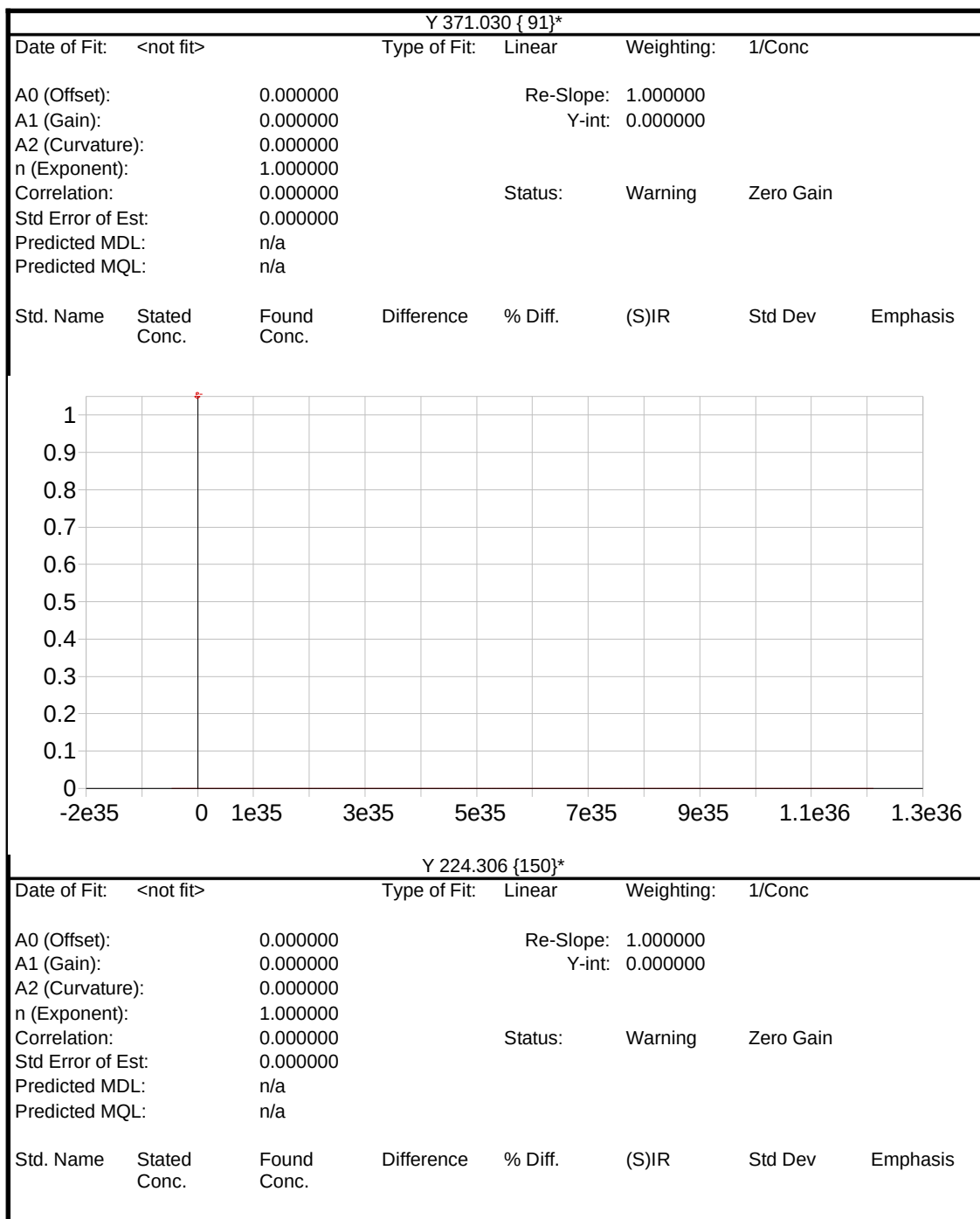
Y 224.306 {450}*

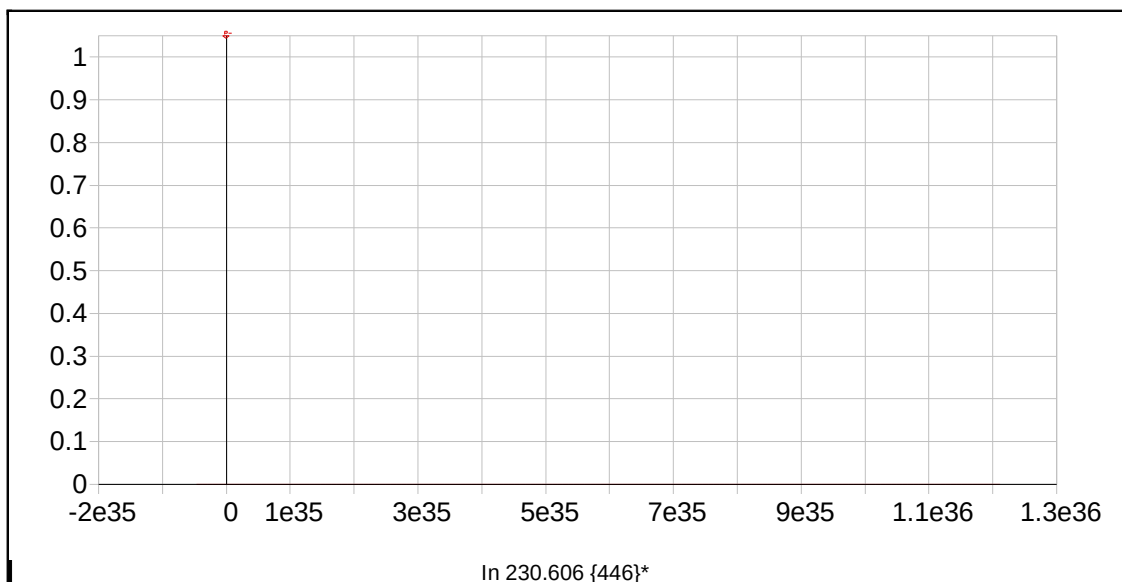
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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





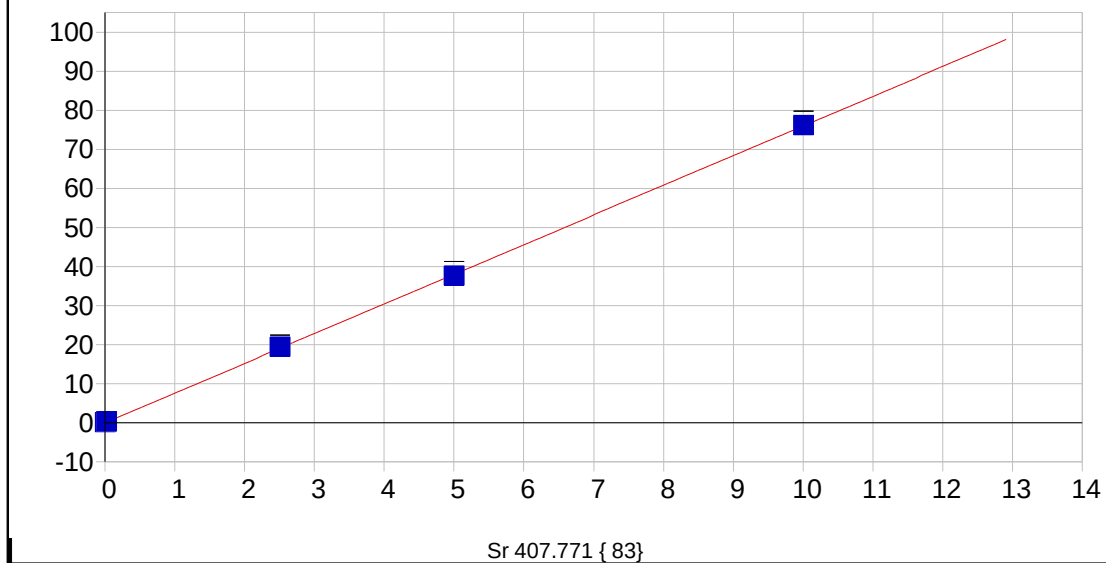




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

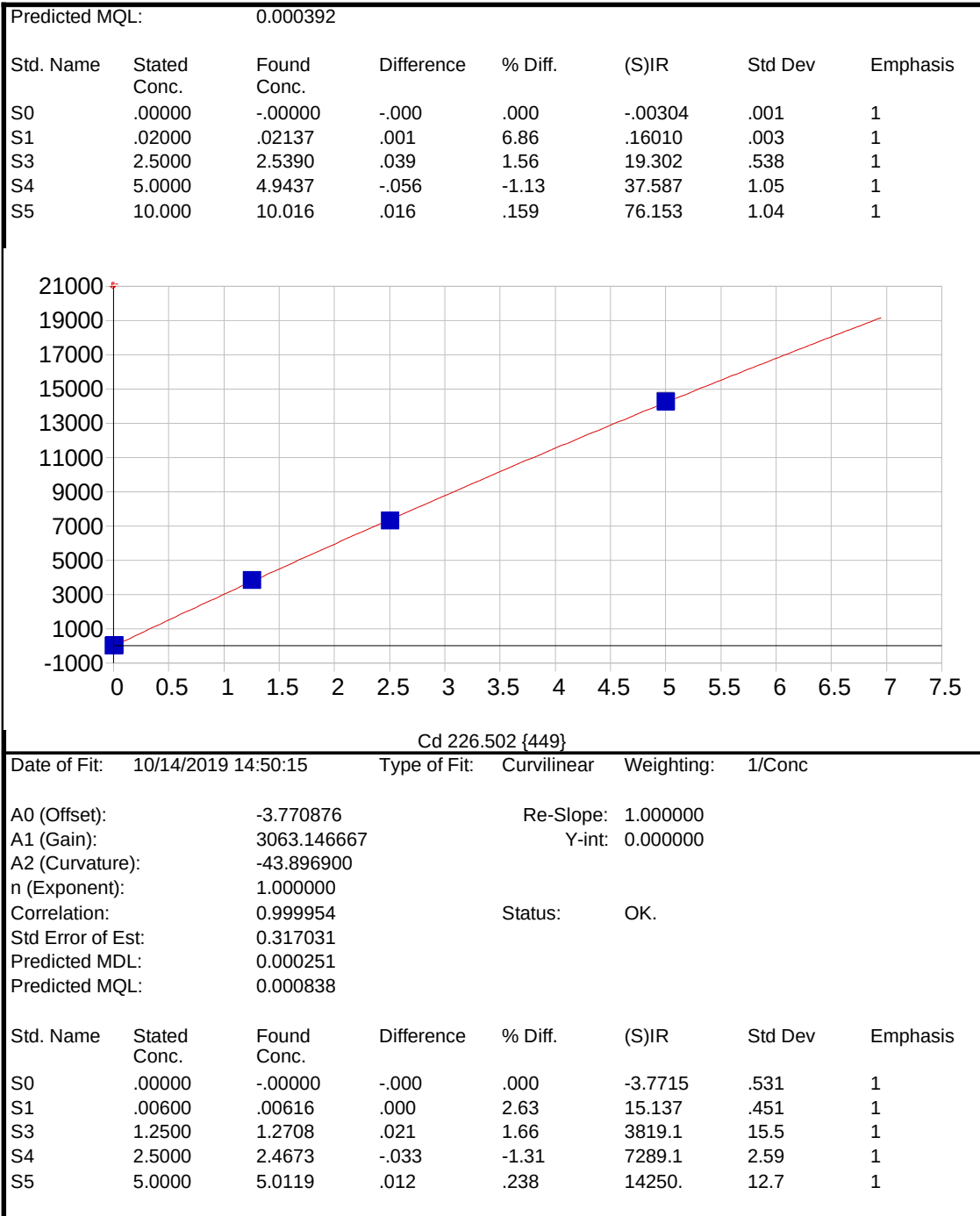
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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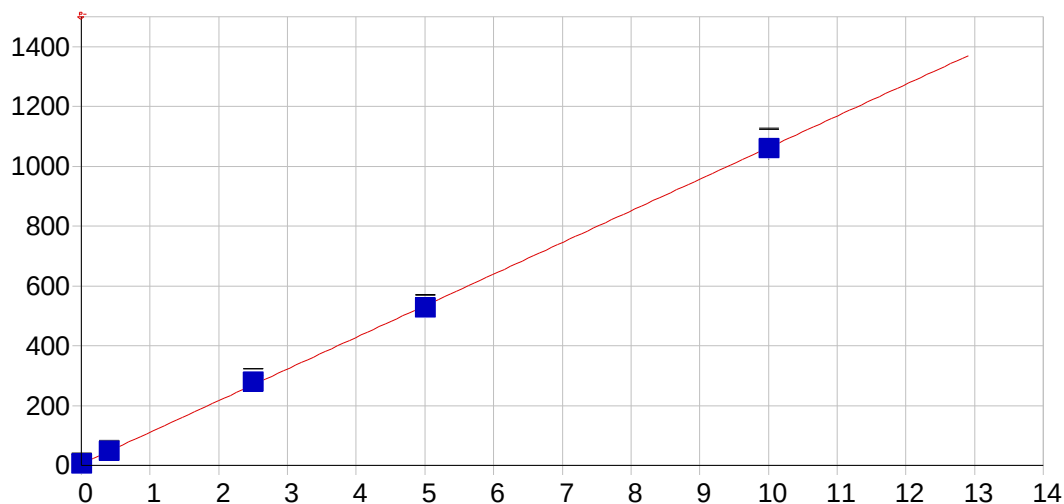


Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003027 Re-Slope: 1.000000
 A1 (Gain): 7.595539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.001617
 Predicted MDL: 0.000118





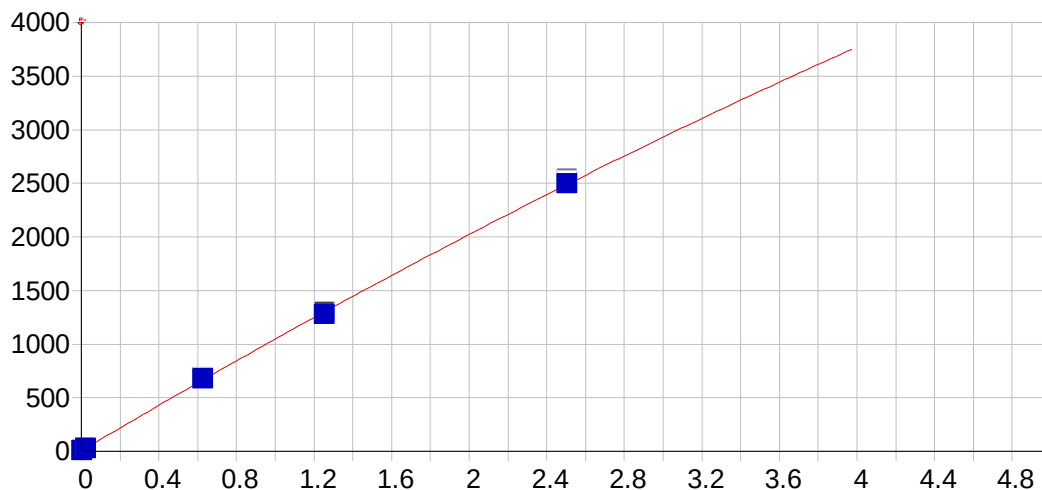


Si 288.158 {117}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.091786 Re-Slope: 1.000000
 A1 (Gain): 105.738151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.171072
 Predicted MDL: 0.020823
 Predicted MQL: 0.069409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	5.0906	2.12	1
S1	.40000	.40324	.003	.809	47.682	1.83	1
S3	2.5000	2.5860	.086	3.44	277.66	10.4	1
S4	5.0000	4.9331	-.067	-1.34	524.96	10.8	1
S5	10.000	9.9776	-.022	-.224	1056.6	33.5	1



Cu 224.700 {450}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Curvilinear Weighting: 1/Conc

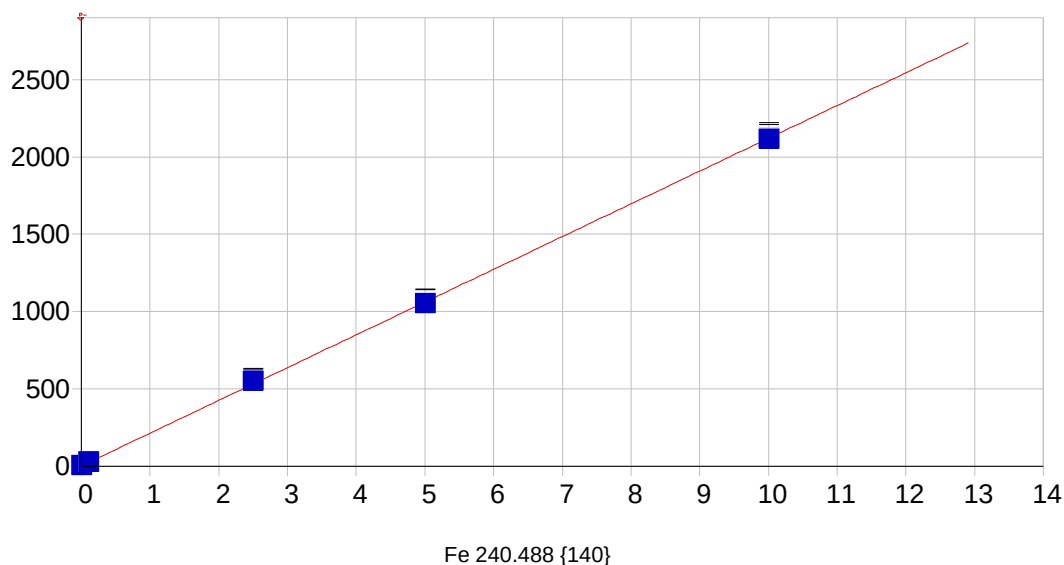
A0 (Offset): 3.678910 Re-Slope: 1.000000
 A1 (Gain): 1077.112129 Y-int: 0.000000



A2 (Curvature): -33.751094
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.182490
 Predicted MDL: 0.000812
 Predicted MQL: 0.002708

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	3.6775	.024	1
S1	.02000	.02122	.001	6.10	26.872	.359	1
S3	.62500	.63648	.011	1.84	686.52	1.12	1
S4	1.2500	1.2294	-.021	-1.64	1298.8	2.01	1
S5	2.5000	2.5080	.008	.319	2536.6	2.89	1

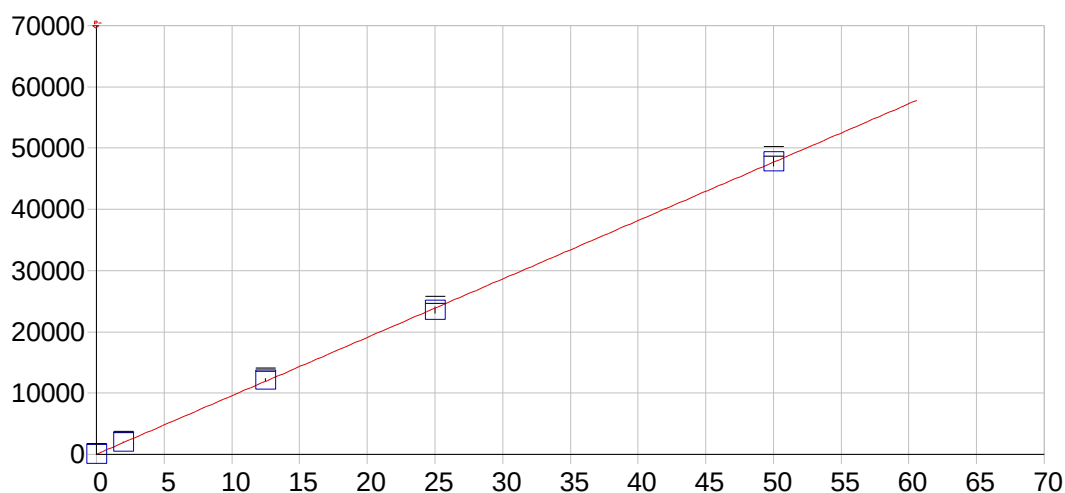


Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.703270 Re-Slope: 1.000000
 A1 (Gain): 211.740322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.172026
 Predicted MDL: 0.007774
 Predicted MQL: 0.025914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.7010	.776	1
S1	.10000	.10909	.009	9.09	25.905	3.19	1
S3	2.5000	2.5786	.079	3.15	551.37	15.7	1
S4	5.0000	4.9483	-.052	-1.03	1055.8	24.8	1
S5	10.000	9.9640	-.036	-.360	2123.1	31.4	1



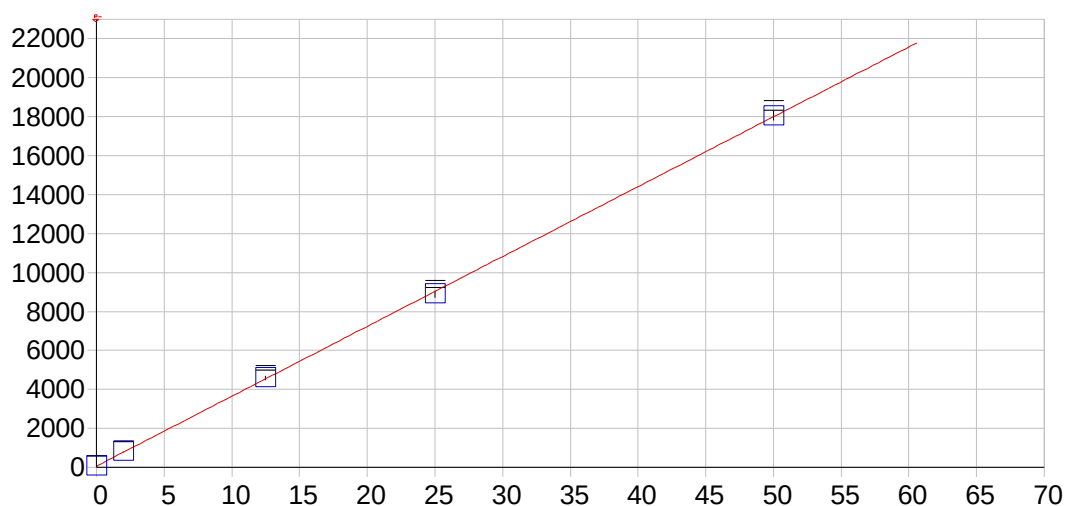


Na 589.592 { 57}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 33.933992 Re-Slope: 1.000000
 A1 (Gain): 953.358773 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 5.411064
 Predicted MDL: 0.011819
 Predicted MQL: 0.039396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	33.887	21.8	1
S2	2.0000	2.0369	.037	1.84	1975.8	71.0	1
S3	12.500	12.729	.229	1.83	12169.	274.	1
S4	25.000	24.657	-.343	-1.37	23541.	552.	1
S5	50.000	50.077	.077	.155	47776.	764.	1



K 766.490 { 44}

Date of Fit: 10/14/2019 14:50:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 62.377248 Re-Slope: 1.000000
 A1 (Gain): 358.685724 Y-int: 0.000000



A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999938			Status:	OK.		
Std Error of Est:	2.177898						
Predicted MDL:	0.037294						
Predicted MQL:	0.124315						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	62.345	11.1	1
S2	2.0000	2.0940	.094	4.70	813.48	20.0	1
S3	12.500	12.614	.114	.913	4586.9	117.	1
S4	25.000	24.641	-.359	-1.44	8900.8	182.	1
S5	50.000	50.151	.151	.302	18051.	243.	1



Sample Name: S0 Acquired: 10/14/2019 13:24:59 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: 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	.00052	-.00049	-.00298	.00066	.00053	.00442	-.00322	-.00187
Stddev	.00019	.00005	.00014	.00032	.00026	.00091	.00082	.00045
%RSD	36.193	10.359	4.7061	48.258	48.446	20.621	25.477	24.243

#1	.00053	-.00044	-.00314	.00081	.00067	.00547	-.00359	-.00146
#2	.00033	-.00047	-.00289	.00087	.00068	.00392	-.00379	-.00236
#3	.00070	-.00054	-.00290	.00029	.00023	.00387	-.00228	-.00178

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00095	-.00017	-.00124	-.00026	.00151	.00028	.00005	-.00079
Stddev	.00027	.00008	.00024	.00035	.00050	.00072	.00006	.00051
%RSD	28.322	46.286	19.567	135.64	32.787	255.58	120.52	63.664

#1	.00081	-.00009	-.00144	-.00065	.00170	-.00034	.00009	-.00122
#2	.00126	-.00024	-.00097	.00001	.00095	.00107	.00008	-.00093
#3	.00078	-.00019	-.00131	-.00014	.00188	.00011	-.00002	-.00023

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00555	-.00332	.00261	-.00032	.00051	-.00049	.00529	.03339
Stddev	.00100	.00012	.00026	.00012	.00009	.00008	.00029	.00088
%RSD	18.029	3.6216	9.8821	37.865	17.378	16.540	5.4908	2.6440

#1	.00658	-.00321	.00232	-.00024	.00061	-.00058	.00527	.03237
#2	.00458	-.00345	.00280	-.00045	.00047	-.00041	.00559	.03379
#3	.00549	-.00330	.00272	-.00025	.00044	-.00048	.00501	.03400

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00304	-3.771	5.091	3.677	2.701	33.89	62.35
Stddev	.00071	.531	2.116	.024	.775	21.80	11.08
%RSD	23.337	14.07	41.56	.6578	28.71	64.34	17.77

#1	-.00385	-3.217	6.749	3.650	1.809	9.575	53.94
#2	-.00269	-4.275	5.816	3.687	3.081	40.37	74.90
#3	-.00257	-3.823	2.708	3.695	3.213	51.71	58.19



Sample Name: S0 Acquired: 10/14/2019 13:24:59 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.5	25684.	5486.4	1526.7	1986.3
Stddev	11.1	70.	52.4	8.2	14.5
%RSD	.60660	.27146	.95522	.53415	.73061
#1	1812.8	25659.	5460.8	1519.7	1969.7
#2	1832.6	25762.	5451.6	1524.8	1992.5
#3	1831.2	25629.	5546.6	1535.7	1996.6



Sample Name: S1 Acquired: 10/14/2019 13:29:02 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: 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	.00186	.00381	-.00082	.00227	.00796	.01072	.26684	.02104
Stddev	.00018	.00036	.00025	.00021	.00040	.00043	.00536	.00007
%RSD	9.9338	9.3501	29.917	9.1915	5.0421	4.0384	2.0077	.35612

#1	.00174	.00400	-.00110	.00241	.00764	.01063	.26084	.02099
#2	.00208	.00404	-.00063	.00203	.00782	.01034	.26855	.02112
#3	.00177	.00340	-.00074	.00237	.00841	.01120	.27113	.02100

Elem	Cr2677	Co2286	Mn2576	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00193	.02134	.01132	.02549	.00268	.00366	.08452	-.00180
Stddev	.00006	.00032	.00026	.00038	.00001	.00016	.00031	.00010
%RSD	3.3382	1.4901	2.2960	1.4752	.48114	4.5037	.37260	5.4742

#1	.00194	.02137	.01104	.02508	.00269	.00353	.08488	-.00183
#2	.00185	.02101	.01137	.02560	.00267	.00384	.08429	-.00169
#3	.00198	.02164	.01155	.02581	.00267	.00360	.08438	-.00188

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707	Sr4077	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02695	.13893	.00108	.00783	.01563	.05559	.16010	15.14
Stddev	.00033	.00063	.00026	.00009	.00032	.00018	.00306	.45
%RSD	1.2292	.45165	24.269	1.2016	2.0607	.32886	1.9143	2.979

#1	.02659	.13962	.00114	.00775	.01531	.05565	.15663	14.70
#2	.02702	.13840	.00079	.00794	.01563	.05538	.16243	15.11
#3	.02725	.13875	.00130	.00781	.01595	.05573	.16124	15.60

Elem	Si2881	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S
Avg	47.68	26.87	25.91
Stddev	1.83	.36	3.19
%RSD	3.833	1.334	12.30

#1	46.39	26.84	23.15
#2	46.88	26.53	25.16
#3	49.77	27.25	29.40



Sample Name: S1 Acquired: 10/14/2019 13:29:02 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.8	25903.	5561.9	1527.6	2011.9
Stddev	7.1	61.	21.7	16.3	7.0
%RSD	.38527	.23391	.39006	1.0642	.34924
#1	1837.2	25848.	5546.7	1510.2	2003.8
#2	1845.7	25892.	5586.7	1530.2	2015.4
#3	1851.4	25968.	5552.2	1542.5	2016.4



Sample Name: S2 Acquired: 10/14/2019 13:33:05 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09261	.03006	1976.	813.5
Stddev	.00257	.00128	71.	20.0
%RSD	2.7710	4.2538	3.592	2.459

#1	.08972	.02859	1895.	792.0
#2	.09351	.03096	2026.	816.9
#3	.09461	.03061	2007.	831.5

Int. Std.	Y_3710
Units	Cts/S
Avg	5525.2
Stddev	27.5
%RSD	.49716

#1	5530.0
#2	5550.0
#3	5495.7



Sample Name: S3 Acquired: 10/14/2019 13:37:05 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: 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	.17626	.27340	.43540	.18012	.36186	.28792	13.035	.44173
Stddev	.00025	.00045	.00061	.00036	.00048	.00816	.363	.00563
%RSD	.13941	.16367	.14048	.19947	.13380	2.8354	2.7867	1.2747

#1	.17634	.27341	.43473	.18049	.36190	.27850	12.617	.43585
#2	.17598	.27385	.43556	.18008	.36233	.29225	13.219	.44708
#3	.17645	.27295	.43592	.17978	.36136	.29301	13.270	.44227

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55946	.10269	.93534	.65985	.17606	.77245	.15844	.13108
Stddev	.01503	.00021	.00054	.02035	.00564	.00065	.00089	.00434
%RSD	2.6859	.20748	.05795	3.0839	3.2011	.08438	.56220	3.3132

#1	.54232	.10252	.93595	.63638	.16986	.77209	.15879	.12609
#2	.56572	.10293	.93492	.67055	.17745	.77205	.15743	.13315
#3	.57035	.10263	.93516	.67262	.18087	.77320	.15910	.13401

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3395	.18456	.61096	1.6608	.08868	.53885	.63875	3.0908
Stddev	.0071	.00002	.00795	.0100	.00016	.00077	.01855	.0892
%RSD	.30528	.01047	1.3009	.59888	.17869	.14252	2.9038	2.8849

#1	2.3370	.18459	.60235	1.6609	.08869	.53882	.61743	2.9887
#2	2.3340	.18456	.61802	1.6508	.08852	.53810	.64771	3.1305
#3	2.3476	.18455	.61249	1.6707	.08884	.53964	.65112	3.1532

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.302	3819.	277.7	686.5	551.4	12170.	4587.
Stddev	.538	15.	10.4	1.1	15.7	275.	117.
%RSD	2.7880	.4056	3.754	.1628	2.847	2.256	2.552

#1	18.682	3802.	265.7	685.4	535.4	11860.	4461.
#2	19.572	3825.	282.5	686.6	552.0	12250.	4608.
#3	19.651	3831.	284.8	687.6	566.8	12400.	4692.



Sample Name: S3 Acquired: 10/14/2019 13:37:05 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.0	25386.	5514.3	1484.8	1899.1
Stddev	8.8	86.	47.1	5.6	7.9
%RSD	.48628	.34059	.85425	.37465	.41701
#1	1803.2	25298.	5556.5	1486.7	1893.4
#2	1820.5	25391.	5463.5	1489.2	1908.2
#3	1809.3	25470.	5523.1	1478.6	1895.8



Sample Name: S4 Acquired: 10/14/2019 13:40:51 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: 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	.34153	.53270	.85608	.34860	.69813	.55596	25.433	.85917
Stddev	.00347	.00480	.01108	.00340	.00602	.01462	.716	.01131
%RSD	1.0172	.90121	1.2939	.97414	.86290	2.6301	2.8140	1.3166

#1	.34398	.53490	.86260	.35086	.70208	.53927	24.632	.84628
#2	.34306	.53601	.86236	.35025	.70111	.56209	25.657	.86741
#3	.33756	.52719	.84330	.34469	.69120	.56652	26.009	.86383

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0832	.19843	1.8287	1.2811	.34189	1.5059	.30612	.25795
Stddev	.0322	.00045	.0196	.0366	.01001	.0174	.00025	.00669
%RSD	2.9724	.22817	1.0732	2.8577	2.9288	1.1526	.08098	2.5920

#1	1.0472	.19878	1.8401	1.2399	.33059	1.5171	.30626	.25030
#2	1.0933	.19792	1.8400	1.2938	.34543	1.5147	.30626	.26088
#3	1.1091	.19858	1.8061	1.3097	.34966	1.4859	.30583	.26267

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5773	.37234	1.1951	3.1994	.17827	1.0643	1.2387	5.9732
Stddev	.0128	.00415	.0177	.0284	.00167	.0108	.0315	.1766
%RSD	.27989	1.1153	1.4797	.88795	.93579	1.0145	2.5406	2.9568

#1	4.5921	.37483	1.1754	3.2174	.17962	1.0733	1.2049	5.7770
#2	4.5692	.37465	1.2096	3.2141	.17879	1.0673	1.2439	6.0233
#3	4.5707	.36755	1.2004	3.1666	.17640	1.0524	1.2672	6.1194

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	37.587	7289.	525.0	1299.	1056.	23540.	8901.
Stddev	1.051	3.	10.8	2.	25.	552.	182.
%RSD	2.7972	.0356	2.050	.1547	2.354	2.345	2.047

#1	36.402	7292.	516.0	1301.	1029.	22950.	8700.
#2	37.953	7287.	522.0	1298.	1059.	23620.	8946.
#3	38.407	7288.	536.9	1297.	1079.	24050.	9056.



Sample Name: S4 Acquired: 10/14/2019 13:40:51 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.0	25118.	5497.2	1453.5	1841.1
Stddev	17.9	69.	47.5	3.5	20.4
%RSD	.99434	.27543	.86329	.24298	1.1108
#1	1789.1	25038.	5550.3	1450.7	1827.9
#2	1790.2	25162.	5458.9	1452.4	1830.6
#3	1820.6	25154.	5482.5	1457.5	1864.6



Sample Name: S5 Acquired: 10/14/2019 13:44:35 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: 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	.70227	1.1024	1.7925	.70656	1.4331	1.1354	51.004	1.7250
Stddev	.00240	.0011	.0032	.00085	.0060	.0198	2.236	.0095
%RSD	.34158	.10302	.18056	.12039	.41924	1.7477	4.3833	.54992

#1	.70423	1.1020	1.7933	.70730	1.4374	1.1126	48.467	1.7151
#2	.69959	1.1015	1.7890	.70563	1.4263	1.1453	51.861	1.7340
#3	.70298	1.1037	1.7953	.70675	1.4357	1.1485	52.685	1.7260

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2071	.39733	3.8238	2.5906	.69762	3.1136	.61542	.52560
Stddev	.0420	.00033	.0044	.0490	.01475	.0089	.00032	.01126
%RSD	1.9045	.08380	.11472	1.8899	2.1149	.28574	.05276	2.1421

#1	2.1585	.39770	3.8243	2.5344	.68066	3.1130	.61572	.51260
#2	2.2316	.39723	3.8192	2.6137	.70467	3.1050	.61546	.53231
#3	2.2311	.39705	3.8279	2.6238	.70752	3.1227	.61508	.53188

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.0722	.79823	2.3918	6.5100	.38273	2.2307	2.5023	12.217
Stddev	.0739	.00134	.0140	.0280	.00147	.0048	.0437	.226
%RSD	.81454	.16816	.58496	.43054	.38327	.21527	1.7470	1.8494

#1	9.0580	.79776	2.3772	6.5363	.38349	2.2325	2.4518	11.958
#2	9.0064	.79718	2.4051	6.4805	.38104	2.2253	2.5281	12.370
#3	9.1521	.79974	2.3932	6.5132	.38366	2.2344	2.5270	12.325

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.153	14250.	1057.	2537.	2123.	47780.	18050.
Stddev	1.044	13.	33.	3.	31.	764.	243.
%RSD	1.3707	.0889	3.166	.1137	1.481	1.598	1.348

#1	75.017	14250.	1019.	2536.	2088.	46900.	17780.
#2	76.371	14240.	1068.	2540.	2132.	48120.	18110.
#3	77.070	14260.	1083.	2534.	2149.	48300.	18260.



Sample Name: S5 Acquired: 10/14/2019 13:44:35 Type: Cal
Method: NON EPA-6010-200.7(v23) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.1	24699.	5441.2	1428.6	1723.8
Stddev	6.7	69.	25.6	6.8	2.1
%RSD	.38333	.27791	.46963	.47401	.12162
#1	1742.1	24629.	5458.3	1429.9	1723.2
#2	1755.3	24704.	5411.8	1434.6	1726.2
#3	1747.0	24766.	5453.4	1421.2	1722.2



Sample Name: ICV01 Acquired: 10/14/2019 13:48:28 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037366	1.011852	1.042418	1.032019	1.021167	2.603739
Stddev	.008041	.008128	.001122	.002329	.001511	.064384
%RSD	.7751357	.8032866	.1075910	.2257065	.1479687	2.472757

#1	1.035349	1.006557	1.041939	1.034013	1.022684	2.529408
#2	1.046224	1.021211	1.043699	1.032584	1.021154	2.642158
#3	1.030526	1.007789	1.041615	1.029459	1.019662	2.639650

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5195104	.5131315	10.37851	.5090712	.5059725	.5227685
Stddev	.0094961	.0023386	.24429	.0034092	.0023244	.0144926
%RSD	1.827887	.4557501	2.353851	.6696958	.4593821	2.772282

#1	.5086846	.5112520	10.09802	.5114589	.5039514	.5060368
#2	.5234145	.5157504	10.49287	.5105878	.5054536	.5308613
#3	.5264322	.5123920	10.54465	.5051668	.5085124	.5314073

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.112680	.5063572	.4841700	.5045279	1.039019	F .0026703
Stddev	.106391	.0005110	.0041381	.0087335	.007401	.0027163
%RSD	1.740492	.1009102	.8546773	1.731020	.7123221	101.7234

#1	5.990681	.5058023	.4873486	.4945470	1.047390	.0023385
#2	6.186174	.5068083	.4856703	.5082697	1.036323	.0055372
#3	6.161186	.5064611	.4794910	.5107671	1.033344	.0001351

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.642184	2.662608	F -.010580	2.519927	2.573104	F -.003208
Stddev	.017303	.003844	.003652	.004031	.073414	.001991
%RSD	.6548853	.1443728	34.52321	.1599477	2.853141	62.06874

#1	2.622336	2.665647	-.008712	2.515290	2.490259	-.004993
#2	2.650120	2.663890	-.014788	2.521901	2.598966	-.001060
#3	2.654096	2.658286	-.008239	2.522590	2.630088	-.003571



Sample Name: ICV01 Acquired: 10/14/2019 13:48:28 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.574441	.5183800	2.584993	.5235697	5.303125	10.30402
Stddev	.064257	.0009632	.059149	.0013331	.105462	.18801
%RSD	2.495957	.1858044	2.288181	.2546214	1.988681	1.824580

#1	2.500456	.5172800	2.518906	.5231892	5.194688	10.09756
#2	2.606571	.5190720	2.603101	.5224682	5.309351	10.34918
#3	2.616296	.5187880	2.632971	.5250517	5.405336	10.46534

Elem	K_7664
Units	ppm
Avg	10.45058
Stddev	.20349
%RSD	1.947182

#1	10.21880
#2	10.53307
#3	10.59988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.427	26103.06	5590.289	1495.399	1944.522
Stddev	8.060	158.94	43.279	13.569	1.874
%RSD	.4424900	.6088773	.7741748	.9074129	.0963517

#1	1814.970	26015.47	5634.095	1479.758	1942.792
#2	1818.852	26007.19	5547.557	1502.418	1944.262
#3	1830.460	26286.52	5589.215	1504.022	1946.511



Sample Name: LLICV01 Acquired: 10/14/2019 14:02:55 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176870	.0366886	.0111710	.0205890	.0559741	.0999567
Stddev	.0019358	.0022608	.0021667	.0019567	.0026740	.0105632
%RSD	10.94495	6.162007	19.39577	9.503492	4.777158	10.56772

#1	.0155056	.0357838	.0105083	.0199754	.0529277	.0897285
#2	.0183551	.0350203	.0135917	.0190126	.0570620	.0993160
#3	.0192002	.0392616	.0094130	.0227789	.0579327	.1108257

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026420	.0065373	2.032301	.0097825	.0305212	.0220205
Stddev	.0059802	.0002975	.131630	.0005249	.0003088	.0016699
%RSD	5.826254	4.550293	6.476872	5.365739	1.011583	7.583253

#1	.0957378	.0061985	1.881729	.0093868	.0306160	.0201545
#2	.1061978	.0066576	2.089631	.0095828	.0307715	.0225328
#3	.1059906	.0067558	2.125543	.0103780	.0301762	.0233742

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002850	.0413346	.0111531	.0398855	.0429930	.0181793
Stddev	.150478	.0001625	.0004695	.0052790	.0002863	.0017858
%RSD	7.513218	.3932389	4.209154	13.23542	.6658672	9.823312

#1	1.829587	.0411700	.0112055	.0367988	.0426903	.0173472
#2	2.078128	.0413390	.0106597	.0368767	.0432594	.0202293
#3	2.100834	.0414950	.0115942	.0459811	.0430294	.0169614

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023354	.2152686	F .0117754	.0398987	.0406559	.0169103
Stddev	.0051555	.0027791	.0032466	.0008307	.0035638	.0029634
%RSD	5.037849	1.291004	27.57097	2.082045	8.765886	17.52459

#1	.0966641	.2139896	.0087686	.0406591	.0366324	.0141700
#2	.1036040	.2184569	.0113398	.0400249	.0434157	.0200553
#3	.1067383	.2133592	.0152178	.0390122	.0419197	.0165054



Sample Name: LLICV01 Acquired: 10/14/2019 14:02:55 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210865	.0063679	.3701982	.0196875	.1035771	2.003406
Stddev	.0013365	.0001672	.0146849	.0005466	.0059072	.108885
%RSD	6.338055	2.626265	3.966760	2.776146	5.703196	5.435013

#1	.0195487	.0064602	.3626078	.0201921	.1011361	1.879485
#2	.0217434	.0064686	.3871248	.0191069	.0992816	2.046965
#3	.0219674	.0061748	.3608619	.0197635	.1103136	2.083770

Elem	K_7664
Units	ppm
Avg	2.065115
Stddev	.071571
%RSD	3.465733

#1	1.982604
#2	2.102323
#3	2.110419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.266	26219.09	5703.184	1518.094	1984.734
Stddev	15.628	135.34	142.255	9.138	12.794
%RSD	.8562062	.5161883	2.494315	.6019237	.6446438

#1	1829.311	26101.32	5865.152	1509.228	1988.359
#2	1808.013	26189.02	5645.896	1517.572	1970.519
#3	1838.474	26366.94	5598.505	1527.481	1995.325



Sample Name: ICB01 Acquired: 10/14/2019 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	.0009985	-.001136	.0014537	.0016515	-.002105	-.000723
Stddev	.000483	.0023159	.001977	.0031488	.0009848	.009823	.000713
%RSD	253.0996	231.9423	173.9744	216.6051	59.63304	466.6141	98.55329

#1	.000087	.0027282	-.002037	.0035947	.0009923	.007620	-.001373
#2	-.000748	-.001633	.001131	.0029281	.0011785	-.012023	-.000835
#3	.000088	.001900	-.002503	-.002162	.0027836	-.001913	.000039

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000576	-.009134	.0000327	.0000282	-.000314	-.025298	.0001028
Stddev	.0000578	.025599	.0003388	.0003078	.000573	.009574	.0005441
%RSD	100.4506	280.2711	1036.416	1093.236	182.5295	37.84400	529.2661

#1	.0000818	-.007762	-.000302	.0002017	-.000035	-.034390	.0000244
#2	.0000993	-.035391	.000375	.0002101	.000067	-.026198	-.000398
#3	-.000008	.015752	.000025	-.000327	-.000973	-.015306	.000682

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001396	-.000618	-.000376	-.001214	-.001678	-.000277	-.007897
Stddev	.0005076	.002875	.000125	.002279	.000544	.000096	.001390
%RSD	363.6916	464.8889	33.32948	187.7306	32.44328	34.53846	17.60200

#1	.0002009	-.003769	-.000516	.000679	-.001050	-.000177	-.006293
#2	-.000396	.000049	-.000334	-.003743	-.002014	-.000367	-.008656
#3	.000614	.001864	-.000276	-.000577	-.001970	-.000287	-.008743

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005435	.0003287	-.004017	.0000175	-.000268	-.009071	-.001220
Stddev	.0000655	.0010247	.000663	.0001208	.000118	.014692	.000488
%RSD	12.05055	311.6950	16.49629	691.8649	43.88753	161.9710	39.97268

#1	.0005137	-.000797	-.004763	.0001239	-.000378	-.005206	-.000787
#2	.0004981	.001207	-.003793	-.000114	-.000144	.003302	-.001748
#3	.0006185	.000577	-.003496	.000042	-.000282	-.025309	-.001126



Sample Name: ICB01 Acquired: 10/14/2019 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003069	-.093149	.0234893
Stddev	.000634	.009582	.0085765
%RSD	20.66550	10.28639	36.51250

#1	-.002840	-.102774	.0298031
#2	-.003787	-.093064	.0137249
#3	-.002582	-.083611	.0269397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.127	26503.51	5613.644	1508.445	2018.674
Stddev	6.014	110.86	5.768	9.462	5.568
%RSD	.3239933	.4182730	.1027413	.6272913	.2758422

#1	1857.942	26451.60	5620.101	1497.631	2022.740
#2	1849.416	26630.80	5609.003	1512.505	2012.327
#3	1861.025	26428.14	5611.828	1515.201	2020.954



Sample Name: CRI01 Acquired: 10/14/2019 14:11:31 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159182	.0333811	.0123545	.0219486	.0537065	.0869962
Stddev	.0029825	.0033053	.0012189	.0017149	.0015227	.0089549
%RSD	18.73660	9.901790	9.865934	7.813233	2.835272	10.29346

#1	.0190369	.0328037	.0110235	.0211215	.0549653	.0827087
#2	.0130936	.0304025	.0134163	.0239203	.0541401	.0972888
#3	.0156241	.0369370	.0126238	.0208040	.0520140	.0809911

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028426	.0067321	2.024428	.0100663	.0294778	.0220447
Stddev	.0024737	.0001680	.043380	.0005980	.0005112	.0009182
%RSD	2.405275	2.495952	2.142850	5.940856	1.734319	4.165020

#1	.0999867	.0069261	1.974749	.0105607	.0298306	.0214475
#2	.1043163	.0066367	2.043713	.0102366	.0288915	.0215847
#3	.1042246	.0066335	2.054822	.0094016	.0297113	.0231019

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.032199	.0410813	.0111020	.0422542	.0439941	.0193476
Stddev	.040118	.0003852	.0013956	.0003795	.0028715	.0013974
%RSD	1.974094	.9375351	12.57094	.8982579	6.527029	7.222802

#1	1.986246	.0407703	.0127013	.0424453	.0472543	.0209513
#2	2.050112	.0409616	.0101305	.0418171	.0418408	.0187004
#3	2.060240	.0415121	.0104743	.0425003	.0428870	.0183911

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021283	.2115876	F .0103489	.0379853	.0412759	.0164960
Stddev	.0011848	.0001893	.0010666	.0004505	.0018624	.0009229
%RSD	1.160072	.0894721	10.30642	1.186024	4.512082	5.594608

#1	.1029805	.2114105	.0099955	.0375075	.0421481	.0155392
#2	.1007754	.2117871	.0115474	.0384024	.0391374	.0165679
#3	.1026290	.2115650	.0095039	.0380460	.0425421	.0173808



Sample Name: CRI01 Acquired: 10/14/2019 14:11:31 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210979	.0064220	.4111352	.0199160	.1099967	2.019862
Stddev	.0003731	.0001077	.0164303	.0004398	.0056048	.073363
%RSD	1.768598	1.677151	3.996315	2.208245	5.095382	3.632078

#1	.0206712	.0064825	.3933327	.0200592	.1164516	1.935601
#2	.0212588	.0062977	.4257159	.0194225	.1071740	2.054430
#3	.0213635	.0064859	.4143569	.0202664	.1063644	2.069555

Elem	K_7664
Units	ppm
Avg	2.078397
Stddev	.071487
%RSD	3.439513

#1	1.996642
#2	2.109405
#3	2.129145

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.933	26115.65	5687.021	1490.913	2025.513
Stddev	6.249	1453.22	41.597	84.076	8.147
%RSD	.3361435	5.564574	.7314417	5.639250	.4022092

#1	1854.486	24454.36	5664.367	1395.092	2021.900
#2	1856.235	27151.08	5735.028	1552.337	2019.797
#3	1866.077	26741.52	5661.668	1525.310	2034.841



Sample Name: ICSA01 Acquired: 10/14/2019 14:15:35 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194188	.0111749	-.011513	-.012758	.0176139	255.9881
Stddev	.0044727	.0007893	.000924	.008220	.0019169	6.9425
%RSD	23.03294	7.063202	8.024999	64.42753	10.88267	2.712059

#1	.0236373	.0119721	-.011393	-.007041	.0166323	248.1058
#2	.0147292	.0111589	-.012491	-.009056	.0163866	258.6639
#3	.0198899	.0103937	-.010655	-.022178	.0198227	261.1946

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056515	-.001876	236.8636	.0533796	.0001274	.0144133
Stddev	.0001491	.000019	6.4005	.0011642	.0004099	.0011734
%RSD	2.637934	1.010806	2.702186	2.180963	321.7664	8.141274

#1	.0057185	-.001863	229.6518	.0530696	.0000124	.0130620
#2	.0054807	-.001867	239.0697	.0524019	.0005824	.0151753
#3	.0057553	-.001897	241.8692	.0546674	-.000213	.0150025

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	251.4380	.0001178	-.004499	.0022326	.0080840	F .0230967
Stddev	7.3367	.0010350	.000628	.0035608	.0002772	.0041827
%RSD	2.917912	878.4220	13.96078	159.4889	3.429316	18.10944

#1	243.1828	.0011152	-.003795	.0028806	.0080552	.0277090
#2	253.9172	.0001894	-.005002	-.001608	.0078223	.0195496
#3	257.2139	-.000951	-.004699	.005425	.0083745	.0220315

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030039	-.004198	F -.030307	-.008225	-.001246	.0008674
Stddev	.0040901	.000469	.003523	.001260	.000608	.0008712
%RSD	136.1585	11.16490	11.62365	15.31256	48.81040	100.4474

#1	-.001606	-.004433	-.033615	-.006820	-.001834	.0018662
#2	.006198	-.004503	-.026603	-.009253	-.000619	.0002639
#3	.004420	-.003659	-.030703	-.008603	-.001287	.0004720



Sample Name: ICSA01 Acquired: 10/14/2019 14:15:35 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004606	-.003469	-.014205	.0005897	95.77797	-.067688
Stddev	.0008781	.000397	.010704	.0015482	1.91782	.023224
%RSD	190.6450	11.44086	75.35890	262.5595	2.002357	34.31061

#1	-.000324	-.003015	-.005619	.0023677	93.59050	-.094386
#2	.000297	-.003642	-.026198	-.000138	96.57301	-.056526
#3	.001409	-.003751	-.010797	-.000461	97.17042	-.052152

Elem	K_7664
Units	ppm
Avg	.0279961
Stddev	.0273235
%RSD	97.59747

#1	-.003497
#2	.042097
#3	.045388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.617	24580.43	5648.493	1395.823	1737.914
Stddev	8.159	308.88	39.162	17.506	11.468
%RSD	.4665724	1.256619	.6933187	1.254172	.6598653

#1	1757.667	24720.41	5691.427	1411.435	1749.146
#2	1741.826	24794.53	5639.321	1399.136	1726.224
#3	1746.357	24226.34	5614.731	1376.897	1738.371



Sample Name: ICSAB01 Acquired: 10/14/2019 14:19:35 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1136625	.0848128	.0410139	.0423082	.6231866	253.8006
Stddev	.0017656	.0024991	.0006334	.0082609	.0015348	7.1198
%RSD	1.553372	2.946592	1.544301	19.52542	.2462804	2.805256

#1	.1135394	.0819309	.0413041	.0328550	.6240567	245.7303
#2	.1154865	.0863812	.0402874	.0481391	.6240886	256.4778
#3	.1119618	.0861263	.0414502	.0459305	.6214144	259.1937

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077650	.4948497	234.1819	.5374415	.4840358	.5086243
Stddev	.0127979	.0019046	6.3179	.0006038	.0004058	.0138767
%RSD	2.520438	.3848795	2.697866	.1123532	.0838268	2.728270

#1	.4936020	.4930416	226.9943	.5381075	.4836613	.4933366
#2	.5111935	.4968379	236.6942	.5369298	.4844668	.5121117
#3	.5184994	.4946697	238.8573	.5372872	.4839792	.5204246

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	249.4634	.9497558	.2010086	.4887199	1.017398	F .0223363
Stddev	7.1483	.0040500	.0009979	.0143187	.007417	.0027498
%RSD	2.865468	.4264216	.4964557	2.929830	.7290486	12.31085

#1	241.3185	.9532792	.2007358	.4725245	1.008878	.0252874
#2	252.3769	.9506571	.2001754	.4939353	1.022412	.0218756
#3	254.6948	.9453311	.2021145	.4996998	1.020904	.0198460

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006122	1.040858	F -.030789	1.031312	.9951934	F -.000055
Stddev	.009743	.001374	.008237	.001189	.0267975	.000457
%RSD	.9683878	.1319610	26.75443	.1152677	2.692692	833.3401

#1	.995364	1.040748	-.024049	1.031657	.9643741	.000346
#2	1.014352	1.039542	-.028346	1.032290	1.008209	-.000553
#3	1.008651	1.042283	-.039971	1.029989	1.012997	.000042



Sample Name: ICSAB01 Acquired: 10/14/2019 14:19:35 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015826	.8978534	1.031836	.4587262	95.44896	-.081200
Stddev	.027235	.0013847	.048391	.0032293	2.22328	.011452
%RSD	2.681115	.1542249	4.689819	.7039706	2.329286	14.10285

#1	.985150	.8982358	.977280	.4623436	92.98385	-.092679
#2	1.025162	.8963176	1.048657	.4577013	96.06069	-.081146
#3	1.037165	.8990067	1.069573	.4561338	97.30232	-.069776

Elem	K_7664
Units	ppm
Avg	.0136402
Stddev	.0276753
%RSD	202.8949

#1	-.011895
#2	.043048
#3	.009768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.703	24915.31	5699.790	1399.543	1736.209
Stddev	8.159	51.55	25.855	7.384	11.309
%RSD	.4654915	.2068879	.4536161	.5275832	.6513731

#1	1762.011	24875.57	5729.087	1404.368	1749.262
#2	1746.786	24973.56	5680.168	1391.043	1729.352
#3	1749.314	24896.81	5690.116	1403.219	1730.011



Sample Name: CCV01 Acquired: 10/14/2019 14:23:26 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.963975	4.944854	4.933984	4.959287	4.965127	9.984094	9.943331
Stddev	.082597	.088783	.086626	.077446	.083952	.295525	.277096
%RSD	1.663921	1.795461	1.755693	1.561626	1.690833	2.959963	2.786756

#1	4.869412	4.843973	4.836161	4.870139	4.868188	9.662700	9.655383
#2	5.000504	5.011094	5.000978	5.009960	5.013360	10.04547	9.966488
#3	5.022008	4.979496	4.964813	4.997764	5.013832	10.24411	10.20812

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2514208	24.58848	.9765466	2.438112	2.512670	24.63516	2.440388
Stddev	.0029410	.70551	.0015609	.041147	.070738	.71079	.044471
%RSD	1.169758	2.869264	.1598392	1.687672	2.815256	2.885253	1.822300

#1	.2488209	23.83530	.9757029	2.390910	2.436823	23.95425	2.389380
#2	.2508285	24.69622	.9783477	2.466417	2.524340	24.57877	2.471020
#3	.2546128	25.23392	.9755890	2.457007	2.576848	25.37246	2.460764

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233908	2.476096	2.520714	4.850805	5.026535	4.965757	4.862925
Stddev	.003054	.068459	.010291	.088137	.063442	.079668	.113876
%RSD	.2475271	2.764806	.4082615	1.816965	1.262150	1.604350	2.341715

#1	1.232700	2.400933	2.531619	4.751001	4.975104	4.874032	4.732217
#2	1.237381	2.492475	2.511173	4.917956	5.007072	5.017689	4.915851
#3	1.231642	2.534881	2.519351	4.883459	5.097429	5.005550	4.940705

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890852	4.894043	4.933629	4.986735	2.542812	5.079305	1.277758
Stddev	.107563	.117060	.153068	.138615	.011799	.114732	.010878
%RSD	2.199274	2.391890	3.102541	2.779684	.4640159	2.258819	.8513199

#1	4.766664	4.763177	4.769322	4.840032	2.529513	4.946824	1.266637
#2	4.951276	4.930174	4.959372	5.004652	2.546900	5.145466	1.278262
#3	4.954616	4.988779	5.072193	5.115520	2.552023	5.145626	1.288376



Sample Name: CCV01 Acquired: 10/14/2019 14:23:26 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.167841	25.55593	26.01956
Stddev	.096254	.58048	.57903
%RSD	1.862564	2.271414	2.225381

#1	5.059203	24.91533	25.35984
#2	5.201834	25.70539	26.25530
#3	5.242487	26.04706	26.44355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.728	26325.58	5726.048	1468.420	1891.818
Stddev	23.521	97.76	54.484	8.307	26.435
%RSD	1.275022	.3713511	.9515144	.5657150	1.397319

#1	1871.695	26240.60	5773.915	1458.864	1921.477
#2	1828.450	26303.71	5737.470	1472.469	1870.741
#3	1834.041	26432.42	5666.758	1473.926	1883.235



Sample Name: K5323-03MS Acquired: 10/14/2019 16:17:21 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9885754	1.381501	14.67793	1.593030	.3137114	236.3925
Stddev	.0046414	.010520	.06820	.004877	.0033379	10.1938
%RSD	.4695031	.7614675	.4646519	.3061768	1.063993	4.312251

#1	.9832166	1.393379	14.72591	1.598631	.3138735	230.5129
#2	.9913251	1.373358	14.70802	1.590742	.3169652	248.1634
#3	.9911844	1.377767	14.59986	1.589717	.3102954	230.5014

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.260192	.3299408	158.9056	2.924251	1.747362	7.024172
Stddev	.226249	.0110689	6.9298	.003912	.007277	.289468
%RSD	4.301157	3.354800	4.360924	.1337808	.4164448	4.121033

#1	5.121511	.3319294	154.7406	2.928729	1.751993	6.867075
#2	5.521273	.3398805	166.9051	2.921500	1.751117	7.358225
#3	5.137793	.3180124	155.0711	2.922523	1.738974	6.847217

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.53954	F 12.74468	.1076169	.6353924	F 40.73070	9.653411
Stddev	2.27724	.06941	.0029022	.0276390	.17245	.026728
%RSD	4.505853	.5446564	2.696813	4.349914	.4233922	.2768771

#1	49.22427	12.79075	.1044633	.6231167	40.56997	9.680884
#2	53.16907	12.77844	.1101756	.6670429	40.70926	9.651855
#3	49.22529	12.66484	.1082116	.6160175	40.91287	9.627496

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4159697	.9255277	25.09529	5.084914	6.496341	.4258285
Stddev	.0758503	.0027687	.06109	.011217	.271056	.0197694
%RSD	18.23458	.2991462	.2434181	.2205894	4.172445	4.642582

#1	.3407822	.9237555	25.16401	5.079319	6.328825	.4124164
#2	.4146612	.9241094	25.07470	5.097828	6.809065	.4485319
#3	.4924659	.9287181	25.04716	5.077596	6.351133	.4165371



Sample Name: K5323-03MS Acquired: 10/14/2019 16:17:21 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693437	.1627754	2.318343	F 37.04533	F 994.1229	F 16.29795
Stddev	.072374	.0033230	.047162	.01261	27.8227	.53245
%RSD	4.273767	2.041489	2.034306	.0340470	2.798715	3.266962
#1	1.652883	.1661108	2.265125	37.05985	962.1745	15.68820
#2	1.776995	.1594649	2.354959	37.03912	1013.026	16.67107
#3	1.650433	.1627506	2.334945	37.03703	1007.168	16.53457

Elem	K_7664
Units	ppm
Avg	F 36.21803
Stddev	1.23508
%RSD	3.410112
#1	34.79326
#2	36.98455
#3	36.87629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.059	27641.87	6481.090	1532.922	2147.203
Stddev	7.466	27.21	227.062	8.898	11.521
%RSD	.3998714	.0984344	3.503453	.5804837	.5365699
#1	1861.562	27634.23	6418.589	1542.764	2138.349
#2	1864.056	27672.08	6291.825	1530.558	2143.031
#3	1875.558	27619.30	6732.857	1525.445	2160.229



Sample Name: LLCCV01 Acquired: 10/14/2019 14:27:10 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161742	.0358206	.0124701	.0226377	.0534229	.0978770
Stddev	.0017501	.0017682	.0013037	.0023566	.0001985	.0090503
%RSD	10.82060	4.936323	10.45426	10.40995	.3716374	9.246631

#1	.0178037	.0376510	.0133502	.0235817	.0535233	.0945357
#2	.0143243	.0356890	.0130877	.0243759	.0531942	.0909725
#3	.0163946	.0341219	.0109724	.0199555	.0535512	.1081230

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003594	.0066879	1.972911	.0101686	.0294217	.0220268
Stddev	.0028246	.0001741	.068257	.0005227	.0008111	.0004481
%RSD	2.814450	2.603133	3.459729	5.139978	2.756622	2.034117

#1	.0971076	.0064875	1.894166	.0105492	.0284964	.0215168
#2	.1017676	.0068018	2.009369	.0095727	.0297597	.0222065
#3	.1022030	.0067744	2.015198	.0103839	.0300091	.0223571

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016895	.0399129	.0106820	.0400862	.0425713	.0204353
Stddev	.079459	.0006233	.0006830	.0030863	.0005872	.0013049
%RSD	3.939683	1.561634	6.393856	7.699030	1.379274	6.385679

#1	1.925168	.0393693	.0100023	.0375568	.0419255	.0213891
#2	2.064626	.0397763	.0106753	.0435250	.0430731	.0189482
#3	2.060890	.0405932	.0113683	.0391770	.0427152	.0209686

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068253	.2112630	F .0096483	.0384869	.0404310	F .0159023
Stddev	.0019124	.0034140	.0048397	.0006132	.0028448	.0028611
%RSD	1.790254	1.616002	50.16102	1.593200	7.036126	17.99141

#1	.1050873	.2073276	.0152165	.0384278	.0379432	.0138943
#2	.1065145	.2130308	.0064535	.0391275	.0435326	.0146344
#3	.1088741	.2134307	.0072748	.0379055	.0398173	.0191783



Sample Name: LLCCV01 Acquired: 10/14/2019 14:27:10 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210600	.0066297	.3968005	.0200036	.1111592	2.002130
Stddev	.0006520	.0000370	.0227972	.0004287	.0081095	.063884
%RSD	3.095850	.5576926	5.745260	2.143163	7.295378	3.190800

#1	.0203162	.0065906	.3762377	.0204747	.1203502	1.929947
#2	.0213316	.0066346	.3928484	.0196364	.1081155	2.025056
#3	.0215323	.0066641	.4213154	.0198997	.1050119	2.051388

Elem	K_7664
Units	ppm
Avg	2.136405
Stddev	.058497
%RSD	2.738110

#1	2.069089
#2	2.165229
#3	2.174896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.136	27099.15	5824.618	1525.963	2046.603
Stddev	25.998	12.49	34.754	11.457	25.191
%RSD	1.385002	.0461037	.5966762	.7508248	1.230850

#1	1906.007	27109.29	5863.702	1513.795	2075.497
#2	1869.825	27085.19	5812.962	1527.551	2035.059
#3	1855.576	27102.97	5797.191	1536.543	2029.253



Sample Name: CCB01 Acquired: 10/14/2019 14:31:14 Type: Unk
Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001893	.0008249	-.001075	.0000888	-.000181	-.007499	-.000349
Stddev	.002230	.0013920	.003445	.0026834	.001886	.008722	.000782
%RSD	117.8434	168.7535	320.4772	3021.363	1040.093	116.3049	223.7877

#1	-.001128	.0009834	-.000542	.0020086	.001994	-.015534	-.001231
#2	-.000145	.0021308	-.004755	.0012351	-.001170	-.008739	.000262
#3	-.004405	-.000640	.002073	-.002977	-.001368	.001777	-.000080

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001458	.0019311	-.000191	.0000938	-.000061	-.014253	-.000552
Stddev	.0000833	.0183761	.000200	.0003484	.000175	.016958	.000225
%RSD	57.14229	951.5996	104.9070	371.3483	287.4092	118.9787	40.79623

#1	.0001169	.0171216	-.000028	-.000245	.000122	.005090	-.000706
#2	.0000808	.0071661	-.000415	.000451	-.000079	-.026566	-.000656
#3	.0002397	-.018494	-.000131	.000075	-.000226	-.021284	-.000293

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002680	.0017759	-.000927	.0002381	-.001229	.0000606	-.006354
Stddev	.0003295	.0035851	.000625	.0023716	.000693	.0001692	.004337
%RSD	122.9748	201.8693	67.37707	996.2389	56.37744	278.9997	68.26226

#1	.0000947	.0052688	-.000874	.0025663	-.000439	-.000004	-.001351
#2	.0006480	.0019537	-.001577	-.002175	-.001732	.000253	-.009062
#3	.0000612	-.001895	-.000331	.000322	-.001516	-.000067	-.008649

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	.0001590	-.004419	.0000265	-.000200	-.029645	-.001219
Stddev	.001199	.0004665	.002415	.0000961	.000028	.010463	.000524
%RSD	412.4409	293.4419	54.65185	362.3649	13.78081	35.29464	42.99017

#1	.000958	.0006974	-.006000	-.000056	-.000190	-.041707	-.001343
#2	-.001433	-.000126	-.001639	.000132	-.000231	-.023029	-.001669
#3	-.000397	-.000094	-.005619	.000004	-.000178	-.024198	-.000644



Sample Name: CCB01 Acquired: 10/14/2019 14:31:14 Type: Unk
 Method: NON EPA-6010-200.7(v23) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.002180	-.111141	.0307323
Stddev	.003359	.014171	.0393268
%RSD	154.0644	12.75085	127.9659

#1	-.002211	-.127495	-.013148
#2	-.005524	-.102464	.042549
#3	.001194	-.103465	.062796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.564	27199.93	5796.699	1504.946	2030.069
Stddev	12.162	146.92	11.055	7.119	15.517
%RSD	.6494739	.5401308	.1907107	.4730307	.7643663

#1	1860.756	27059.73	5794.641	1496.876	2013.929
#2	1871.884	27187.34	5786.818	1510.338	2031.401
#3	1885.051	27352.74	5808.638	1507.623	2044.877



Sample Name: LR CHECK 1 Acquired: 10/14/2019 14:35:08 Type: Unk
Method: NON EPA-6010-200.7(v24) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0920886	-.105954	-.120840	-.144932	.0717627	1900.929
Stddev	.0083953	.007672	.004663	.003375	.0055155	63.859
%RSD	9.116512	7.240763	3.858909	2.328760	7.685810	3.359375

#1	.1014211	-.098916	-.115783	-.148819	.0736845	1827.258
#2	.0896934	-.104815	-.121766	-.143230	.0655433	1935.039
#3	.0851511	-.114132	-.124970	-.142746	.0760602	1940.491

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158392	-.004011	1629.497	.1607887	.0173766	.0091612
Stddev	.0006284	.000337	16.432	.0015354	.0005034	.0001969
%RSD	3.967613	8.399161	1.008395	.9549113	2.896912	2.149276

#1	.0156969	-.003866	1618.148	.1591249	.0168241	.0091074
#2	.0152941	-.004396	1622.002	.1621509	.0174963	.0093794
#3	.0165266	-.003770	1648.339	.1610902	.0178093	.0089968

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1708.916	.5070126	-.057676	.0025286	.1752875	.1590279
Stddev	16.904	.0023629	.001581	.0034739	.0019519	.0033984
%RSD	.9891384	.4660441	2.740347	137.3845	1.113531	2.137001

#1	1689.866	.5085548	-.056587	.0020709	.1770529	.1611483
#2	1714.757	.5042922	-.059489	-.000694	.1756182	.1608272
#3	1722.124	.5081907	-.056952	.006209	.1731913	.1551081

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.95600	.0088226	-.056761	-.038009	-.046179	.0454182
Stddev	.02975	.0005138	.003356	.003336	.002398	.0021292
%RSD	1.520940	5.823976	5.912287	8.776700	5.193165	4.688054

#1	-1.92601	.0091699	-.054174	-.038290	-.044975	.0439763
#2	-1.98551	.0082323	-.060553	-.034541	-.044621	.0444146
#3	-1.95649	.0090654	-.055556	-.041195	-.048940	.0478638



Sample Name: LR CHECK 1 Acquired: 10/14/2019 14:35:08 Type: Unk
Method: NON EPA-6010-200.7(v24) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106356	<.0000000	<.0000000	1.640391	719.1151	1610.705
Stddev	.0002466	.0006462	.0301114	.004646	4.7410	4.170
%RSD	2.318200	3.003386	506.1992	.2832533	.6592780	.2588878

#1	.0105309	-.020822	.0174921	1.645409	713.7839	1605.890
#2	.0109172	-.022100	-.039908	1.636238	720.7036	1613.153
#3	.0104587	-.021629	.004571	1.639526	722.8578	1613.071

Elem	K_7664
Units	ppm
Avg	888.8026
Stddev	8.8430
%RSD	.9949290

#1	881.4505
#2	898.6152
#3	886.3420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.032	19660.89	5111.473	1115.713	1467.512
Stddev	2.173	19.83	23.162	10.761	1.304
%RSD	.1514574	.1008359	.4531416	.9645093	.0888871

#1	1433.407	19650.23	5137.447	1105.852	1468.838
#2	1434.188	19648.68	5104.008	1127.191	1467.468
#3	1437.500	19683.77	5092.964	1114.097	1466.231



Sample Name: LR CHECK 2 Acquired: 10/14/2019 14:39:33 Type: Unk
Method: NON EPA-6010-200.7(v24) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004472	-.024903	254.9587	.0228687	-.009523	-1.20042
Stddev	.003904	.002620	.1685	.0050590	.001600	.01994
%RSD	87.30283	10.52078	.0660772	22.12186	16.80314	1.660675

#1	.000005	-.023520	254.8007	.0260383	-.010132	-1.18256
#2	-.006250	-.023265	255.1360	.0170344	-.007708	-1.19679
#3	-.007171	-.027925	254.9395	.0255333	-.010730	-1.22193

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.18625	-.002371	1.642679	-.128876	-.021415	47.85804
Stddev	3.53583	.000087	.008710	.001644	.000193	.90117
%RSD	3.676028	3.680455	.5302393	1.275691	.9022264	1.883007

#1	92.16174	-.002364	1.633131	-.126982	-.021387	46.81805
#2	97.60302	-.002288	1.650190	-.129932	-.021620	48.34740
#3	98.79399	-.002462	1.644716	-.129715	-.021237	48.40865

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024269	49.82488	.0069215	-.051156	33.80706	-.244611
Stddev	.026544	.03388	.0001802	.001250	.65973	.002764
%RSD	109.3752	.0680011	2.602986	2.443934	1.951452	1.130055

#1	.005194	49.81287	.0067243	-.050791	33.40284	-.247703
#2	-.046318	49.86313	.0070774	-.052548	34.56836	-.243751
#3	-.031683	49.79864	.0069628	-.050128	33.44998	-.242379

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006633	-.009542	.0031058	-.003597	-.013444	.0005076
Stddev	.000607	.000035	.0110176	.000539	.002111	.0025078
%RSD	9.156328	.3667883	354.7471	14.97986	15.70201	494.0006

#1	-.007289	-.009523	.0151303	-.004170	-.011008	-.001730
#2	-.006090	-.009583	-.006505	-.003101	-.014731	.000035
#3	-.006521	-.009522	.000692	-.003519	-.014594	.003218



Sample Name: LR CHECK 2 Acquired: 10/14/2019 14:39:33 Type: Unk
Method: NON EPA-6010-200.7(v24) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012015	<.0000000	<.0000000	250.6703	<.0000000	.7790221
Stddev	.0000553	.0000769	.0127204	.4729	.0136113	.0269105
%RSD	4.604780	.8497997	57.98276	.1886418	1.851519	3.454399

#1	.0011547	-.008993	-.025536	250.5623	-.721071	.7506983
#2	.0012626	-.009017	-.007806	251.1879	-.748242	.8042519
#3	.0011872	-.009137	-.032472	250.2608	-.736112	.7821162

Elem	K_7664
Units	ppm
Avg	.5381552
Stddev	.0310062
%RSD	5.761564

#1	.5394181
#2	.5685107
#3	.5065370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.291	26968.31	5777.262	1442.454	1874.584
Stddev	8.989	389.88	33.593	29.588	1.836
%RSD	.5371784	1.445707	.5814727	2.051251	.0979457

#1	1667.834	27262.15	5812.775	1463.082	1875.186
#2	1683.665	26526.01	5745.991	1408.553	1876.044
#3	1668.374	27116.78	5773.020	1455.726	1872.523



Sample Name: PB123936BS Acquired: 10/14/2019 14:43:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7515371	1.938556	.9450466	1.859130	.7670875	1.974261
Stddev	.0045027	.007365	.0043964	.005288	.0023996	.040653
%RSD	.5991365	.3799170	.4652071	.2844466	.3128171	2.059171

#1	.7468677	1.930099	.9428156	1.853347	.7692976	1.928727
#2	.7518915	1.942012	.9501113	1.863720	.7645352	2.006911
#3	.7558522	1.943557	.9422131	1.860324	.7674297	1.987144

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2003555	.1962434	.9898455	.3899077	.1892358	.2044653
Stddev	.0047674	.0012575	.0236141	.0039683	.0005645	.0046574
%RSD	2.379447	.6407633	2.385633	1.017752	.2983235	2.277860

#1	.1948615	.1951888	.9631207	.3899349	.1895313	.1994829
#2	.2028024	.1976350	.9985213	.3938623	.1885848	.2052032
#3	.2034025	.1959063	1.007894	.3859258	.1895912	.2087097

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.954247	.4751456	.0720714	.2923206	.1983146	5.193437
Stddev	.070032	.0016530	.0007048	.0065370	.0034348	.018344
%RSD	3.583571	.3478864	.9778700	2.236230	1.731974	.3532080

#1	1.873812	.4734966	.0712603	.2848046	.1980749	5.172256
#2	2.001680	.4751375	.0724198	.2966826	.2018629	5.203911
#3	1.987250	.4768025	.0725342	.2954745	.1950059	5.204145

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2823345	.3994861	F -.018439	.6560652	.1912996	.1920415
Stddev	.0007759	.0010870	.004802	.0011117	.0039563	.0038612
%RSD	.2748240	.2720920	26.04151	.1694557	2.068140	2.010589

#1	.2816668	.3983325	-.017126	.6572893	.1870003	.1876937
#2	.2821510	.4004912	-.014429	.6551184	.1947870	.1950704
#3	.2831857	.3996346	-.023760	.6557878	.1921113	.1933605



Sample Name: PB123936BS Acquired: 10/14/2019 14:43:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020159	.1995677	.9516594	.3233804	3.133303	3.336434
Stddev	.0048788	.0007783	.0261441	.0002483	.092553	.129086
%RSD	2.415068	.3900036	2.747216	.0767776	2.953845	3.868984

#1	.1964275	.1988001	.9214715	.3234483	3.032522	3.192593
#2	.2041935	.2003563	.9665653	.3231052	3.152900	3.374507
#3	.2054267	.1995468	.9669413	.3235876	3.214489	3.442201

Elem	K_7664
Units	ppm
Avg	10.48970
Stddev	.29870
%RSD	2.847541

#1	10.14730
#2	10.62493
#3	10.69686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.406	27123.94	5737.777	1513.246	2024.831
Stddev	1.878	246.65	21.446	23.141	2.632
%RSD	.1007805	.9093577	.3737705	1.529235	.1299684

#1	1862.488	27131.96	5727.979	1515.057	2021.813
#2	1862.165	26873.38	5722.980	1489.253	2026.033
#3	1865.567	27366.49	5762.373	1535.429	2026.646



Sample Name: PB123923BS Acquired: 10/14/2019 14:47:53 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123923BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7911136	2.037161	.9847928	2.021487	.8043369	2.075102
Stddev	.0056826	.002192	.0025522	.003194	.0012774	.054344
%RSD	.7183003	.1075785	.2591642	.1580129	.1588084	2.618867

#1	.7973350	2.034668	.9819062	2.018873	.8042742	2.017449
#2	.7861968	2.038034	.9857223	2.025047	.8056445	2.082472
#3	.7898089	2.038782	.9867501	2.020539	.8030921	2.125385

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089896	.2124415	1.029769	.4077907	.1977220	.2131556
Stddev	.0063140	.0024224	.017788	.0012970	.0002204	.0074421
%RSD	3.021209	1.140269	1.727364	.3180453	.1114518	3.491398

#1	.2018332	.2100381	1.009366	.4064946	.1978560	.2045689
#2	.2113609	.2148825	1.042020	.4077888	.1974677	.2171539
#3	.2137746	.2124040	1.037921	.4090886	.1978423	.2177440

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.015515	.4974873	.0771890	.3082629	.2101593	5.520551
Stddev	.081721	.0010051	.0005340	.0081346	.0007165	.008642
%RSD	4.054575	.2020349	.6917795	2.638861	.3409162	.1565391

#1	1.921930	.4966805	.0777859	.3018935	.2096935	5.526915
#2	2.072779	.4971682	.0767565	.3054690	.2098002	5.510713
#3	2.051836	.4986132	.0770247	.3174264	.2109843	5.524025

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3038440	.4134660	F -.013791	.6837133	.1977694	.2013033
Stddev	.0029431	.0005209	.002881	.0030159	.0030659	.0066099
%RSD	.9686364	.1259868	20.88914	.4411058	1.550247	3.283566

#1	.3021867	.4138117	-.012876	.6837839	.1943743	.1937521
#2	.3072421	.4128669	-.011480	.6806627	.1985979	.2060408
#3	.3021031	.4137195	-.017019	.6866932	.2003359	.2041171



Sample Name: PB123923BS Acquired: 10/14/2019 14:47:53 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: PB123923BS Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2101330	.2134521	1.010099	.3440595	3.288546	3.329449
Stddev	.0055674	.0012817	.038473	.0027201	.085689	.117141
%RSD	2.649443	.6004826	3.808800	.7905906	2.605689	3.518324

#1	.2038157	.2123801	.973355	.3425300	3.192474	3.207313
#2	.2122600	.2131045	1.006848	.3424485	3.316081	3.340176
#3	.2143232	.2148719	1.050094	.3472001	3.357083	3.440857

Elem	K_7664
Units	ppm
Avg	10.87787
Stddev	.27011
%RSD	2.483080

#1	10.60516
#2	10.88316
#3	11.14529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.936	27280.37	5733.112	1527.403	2046.338
Stddev	8.179	46.75	31.223	10.324	7.392
%RSD	.4348144	.1713645	.5446032	.6759474	.3612293

#1	1872.343	27266.48	5761.098	1535.208	2037.916
#2	1881.840	27332.50	5699.435	1531.306	2049.348
#3	1888.625	27242.15	5738.802	1515.697	2051.750



Sample Name: K5145-01MS Acquired: 10/14/2019 14:51:47 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4538758	1.667505	.9957110	.9297753	.3924742	137.0222
Stddev	.0020678	.007071	.0052208	.0015352	.0011684	1.9121
%RSD	.4555901	.4240175	.5243262	.1651187	.2977150	1.395433

#1	.4547056	1.675289	1.001013	.9287157	.3921269	134.8148
#2	.4553998	1.661481	.995544	.9315359	.3937769	138.0858
#3	.4515220	1.665745	.990576	.9290743	.3915188	138.1660

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7248561	.1096487	16.35336	.3388488	.4065660	3.752762
Stddev	.0080457	.0021389	.19746	.0103467	.0019049	.054457
%RSD	1.109978	1.950686	1.207483	3.053477	.4685364	1.451118

#1	.7155684	.1118826	16.12667	.3473612	.4064099	3.689885
#2	.7296930	.1094441	16.48789	.3418526	.4047439	3.783602
#3	.7293070	.1076195	16.44553	.3273326	.4085441	3.784801

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00030	.8362930	.0540253	.5299364	.3569345	12.37635
Stddev	.28482	.0032533	.0015274	.0060639	.0117375	.00605
%RSD	1.898747	.3890090	2.827239	1.144261	3.288432	.0489232

#1	14.67165	.8396647	.0522722	.5230168	.3640566	12.37096
#2	15.15398	.8331728	.0547353	.5324686	.3633597	12.38290
#3	15.17527	.8360414	.0550685	.5343236	.3433871	12.37519

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317599	.2062243	1.408016	.6451649	4.672526	.1266588
Stddev	.0261591	.0012099	.005078	.0012690	.051144	.0018064
%RSD	19.85363	.5867005	.3606531	.1966855	1.094564	1.426192

#1	.1043502	.2074915	1.409697	.6457055	4.614161	.1247351
#2	.1344724	.2061004	1.412040	.6437151	4.709506	.1269222
#3	.1564571	.2050812	1.402311	.6460739	4.693911	.1283190



Sample Name: K5145-01MS Acquired: 10/14/2019 14:51:47 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1675213	.1759653	F 11.68538	.9738231	F 528.6697	F 20.72206
Stddev	.0018405	.0009396	.17558	.0062385	10.8157	.45924
%RSD	1.098670	.5339848	1.502547	.6406232	2.045831	2.216204

#1	.1653966	.1769032	11.48607	.9706801	516.3231	20.20044
#2	.1685425	.1750239	11.81718	.9697811	533.2152	20.90015
#3	.1686248	.1759689	11.75291	.9810080	536.4709	21.06558

Elem	K_7664
Units	ppm
Avg	F 22.88022
Stddev	.51153
%RSD	2.235670

#1	22.33132
#2	22.96573
#3	23.34360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.407	56106.16	12177.10	3163.766	2058.628
Stddev	30.480	1127.71	100.49	64.565	11.308
%RSD	.7944951	2.009950	.8252660	2.040769	.5493145

#1	3808.608	55316.27	12082.03	3123.853	2047.448
#2	3831.613	55604.56	12167.01	3129.189	2058.376
#3	3868.999	57397.64	12282.26	3238.256	2070.060



Sample Name: K5145-01MSD Acquired: 10/14/2019 14:55:33 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4386865	1.581970	.9685217	.8906935	.3789891	138.5595
Stddev	.0013002	.007304	.0069003	.0014515	.0019949	2.2384
%RSD	.2963801	.4616780	.7124543	.1629616	.5263668	1.615480

#1	.4383732	1.581061	.9620876	.8922064	.3794425	136.0837
#2	.4401147	1.575164	.9676688	.8905616	.3807182	139.1546
#3	.4375716	1.589686	.9758088	.8893124	.3768065	140.4403

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7234254	.1054677	16.39259	.3372817	.4000327	3.739286
Stddev	.0110545	.0010471	.22235	.0010476	.0016016	.058845
%RSD	1.528071	.9928545	1.356424	.3105852	.4003695	1.573685

#1	.7108156	.1065430	16.13831	.3383985	.3982062	3.677117
#2	.7280142	.1054089	16.48893	.3363209	.4006949	3.746625
#3	.7314465	.1044512	16.55052	.3371257	.4011970	3.794117

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01715	.8190507	.0531427	.5270633	.3627311	12.22075
Stddev	.29489	.0019231	.0017484	.0072972	.0023973	.03536
%RSD	1.963659	.2347959	3.290012	1.384503	.6609021	.2893844

#1	14.68664	.8173656	.0511271	.5188596	.3654586	12.17998
#2	15.11147	.8186409	.0540513	.5294998	.3617766	12.23906
#3	15.25333	.8211457	.0542497	.5328305	.3609581	12.24321

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378773	.1992103	1.407988	.6235811	4.915809	.1230694
Stddev	.0299242	.0005121	.004271	.0018173	.068024	.0025748
%RSD	21.70353	.2570545	.3033313	.2914358	1.383782	2.092137

#1	.1065502	.1992356	1.403100	.6215107	4.837321	.1202125
#2	.1409147	.1997092	1.410999	.6249124	4.952412	.1252107
#3	.1661670	.1986860	1.409866	.6243203	4.957695	.1237850



Sample Name: K5145-01MSD Acquired: 10/14/2019 14:55:33 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1635972	.1679077	F 17.10417	.9654751	F 533.4972	F 20.67763
Stddev	.0025979	.0026865	.48265	.0057042	13.3933	.54059
%RSD	1.587962	1.599989	2.821807	.5908155	2.510479	2.614387

#1	.1607100	.1709860	16.55446	.9714886	518.6614	20.06982
#2	.1643356	.1667008	17.29957	.9601411	537.1325	20.85840
#3	.1657459	.1660363	17.45847	.9647957	544.6975	21.10469

Elem	K_7664
Units	ppm
Avg	F 22.58563
Stddev	.70699
%RSD	3.130262

#1	21.80657
#2	22.76389
#3	23.18643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3854.505	55819.71	12269.55	3110.601	2064.652
Stddev	8.162	107.91	145.91	12.589	14.487
%RSD	.2117486	.1933134	1.189209	.4047118	.7016671

#1	3862.923	55702.52	12112.85	3114.625	2081.282
#2	3846.626	55841.65	12294.27	3120.686	2054.769
#3	3853.965	55914.96	12401.51	3096.492	2057.905



Sample Name: K5145-01A Acquired: 10/14/2019 14:59:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4472902	1.647830	.9945172	.9193555	.3862869	138.5924
Stddev	.0011775	.012691	.0058906	.0077933	.0055277	2.5955
%RSD	.2632430	.7701511	.5923127	.8476912	1.430983	1.872744

#1	.4459769	1.634062	.9921420	.9139358	.3836052	135.7735
#2	.4476420	1.650369	1.001225	.9158440	.3826115	139.1204
#3	.4482516	1.659060	.990185	.9282868	.3926439	140.8832

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7337940	.1080393	16.52951	.3391340	.4061723	3.754710
Stddev	.0136902	.0012532	.32283	.0078773	.0011411	.078728
%RSD	1.865672	1.159898	1.953070	2.322769	.2809437	2.096784

#1	.7188542	.1087589	16.17239	.3465413	.4050128	3.668862
#2	.7367894	.1087668	16.61550	.3400022	.4072941	3.771735
#3	.7457385	.1065923	16.80064	.3308586	.4062101	3.823533

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09573	.8406175	.0539952	.5310839	.3554726	12.38313
Stddev	.34751	.0003087	.0017520	.0083732	.0118208	.03383
%RSD	2.302012	.0367193	3.244698	1.576633	3.325378	.2731653

#1	14.71051	.8409594	.0521941	.5216251	.3670792	12.34555
#2	15.19108	.8403594	.0540980	.5375479	.3558899	12.39269
#3	15.38561	.8405336	.0556936	.5340787	.3434486	12.41114

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472597	.2039090	1.412967	.6405217	4.985975	.1272170
Stddev	.0317268	.0022029	.008331	.0012926	.089271	.0027095
%RSD	21.54477	1.080336	.5895972	.2018068	1.790445	2.129832

#1	.1169024	.2035027	1.417187	.6392035	4.885695	.1245590
#2	.1446786	.2019375	1.403370	.6417871	5.015447	.1271168
#3	.1801983	.2062867	1.418343	.6405746	5.056785	.1299752



Sample Name: K5145-01A Acquired: 10/14/2019 14:59:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1673262	.1742586	F 17.10228	.9745716	F 533.4066	F 20.77907
Stddev	.0029835	.0017242	.37912	.0067001	13.7455	.51242
%RSD	1.783046	.9894480	2.216793	.6874911	2.576922	2.466025

#1	.1640962	.1762104	16.66637	.9700411	518.3574	20.21410
#2	.1679036	.1729423	17.35514	.9714057	536.5634	20.90933
#3	.1699788	.1736232	17.28534	.9822680	545.2991	21.21379

Elem	K_7664
Units	ppm
Avg	F 22.61232
Stddev	.56148
%RSD	2.483073

#1	22.01091
#2	22.70330
#3	23.12276

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.688	56293.82	12159.10	3149.641	2058.931
Stddev	11.419	866.43	81.03	59.919	10.935
%RSD	.2963084	1.539125	.6664253	1.902414	.5310932

#1	3862.188	55387.97	12070.94	3088.340	2058.150
#2	3858.168	56378.93	12176.03	3152.509	2048.407
#3	3840.709	57114.56	12230.32	3208.075	2070.235



Sample Name: K5145-01 Acquired: 10/14/2019 15:03:03 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678899	-.127590	.0928581	-.014266	.0023145	132.2241
Stddev	.0020987	.008905	.0039851	.003343	.0009405	2.6419
%RSD	3.091403	6.979059	4.291613	23.43124	40.63492	1.998052

#1	.0661415	-.137451	.0974277	-.017477	.0033898	129.1812
#2	.0702173	-.125184	.0901037	-.014514	.0019082	133.5577
#3	.0673108	-.120136	.0910430	-.010806	.0016454	133.9334

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6104296	.0115701	15.61626	.1548314	.2149929	3.601613
Stddev	.0119524	.0001022	.31582	.0004223	.0040522	.067432
%RSD	1.958029	.8835898	2.022372	.2727428	1.884783	1.872274

#1	.5969575	.0115993	15.25422	.1545232	.2163022	3.524565
#2	.6145706	.0116546	15.75943	.1553128	.2182285	3.630396
#3	.6197609	.0114565	15.83514	.1546583	.2104479	3.649876

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75087	.3689491	.0165069	.3735054	.3075675	6.892947
Stddev	.30928	.0068604	.0015370	.0061850	.0012496	.105572
%RSD	2.249132	1.859446	9.311479	1.655930	.4062793	1.531592

#1	13.39382	.3764729	.0148753	.3663867	.3074285	6.951188
#2	13.92315	.3673343	.0167175	.3765674	.3088807	6.956570
#3	13.93563	.3630402	.0179277	.3775622	.3063932	6.771082

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016809	.0068535	1.382034	.0034087	4.159744	.0248361
Stddev	.021840	.0003621	.017896	.0020203	.079623	.0008394
%RSD	129.9345	5.283886	1.294918	59.27035	1.914135	3.379666

#1	-.037729	.0067833	1.387371	.0055175	4.068266	.0238750
#2	-.018545	.0072456	1.396654	.0014903	4.197502	.0252081
#3	.005848	.0065317	1.362076	.0032183	4.213463	.0254252



Sample Name: K5145-01 Acquired: 10/14/2019 15:03:03 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655274	-.020471	2.794374	.6431736	F 511.3686	F 16.99982
Stddev	.0010176	.002252	.062903	.0044177	12.5320	.44599
%RSD	1.553014	11.00090	2.251055	.6868549	2.450684	2.623516

#1	.0643763	-.017891	2.817349	.6480943	497.6754	16.50277
#2	.0658987	-.021476	2.842560	.6418777	514.1626	17.13166
#3	.0663073	-.022045	2.723214	.6395488	522.2679	17.36503

Elem	K_7664
Units	ppm
Avg	F 11.21221
Stddev	.31591
%RSD	2.817573

#1	10.86884
#2	11.27725
#3	11.49054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.864	54938.77	12008.25	3108.019	2073.554
Stddev	24.434	222.74	82.07	10.890	22.953
%RSD	.6381633	.4054396	.6834402	.3503829	1.106929

#1	3829.278	54704.70	11945.82	3099.686	2065.507
#2	3804.226	54963.50	11977.71	3120.341	2055.708
#3	3853.089	55148.12	12101.21	3104.029	2099.447



Sample Name: K5145-01DUP Acquired: 10/14/2019 15:06:52 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681617	-.147335	.1004941	-.015509	.0019812	136.2269
Stddev	.0038795	.002545	.0019658	.001466	.0014253	2.9128
%RSD	5.691622	1.727622	1.956168	9.451500	71.94214	2.138218

#1	.0640561	-.149921	.0996772	-.017145	.0022941	133.1503
#2	.0686624	-.144833	.0990684	-.014315	.0032240	136.5880
#3	.0717664	-.147252	.1027367	-.015069	.0004254	138.9423

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6261389	.0121329	16.05336	.1624296	.2232971	3.632214
Stddev	.0132175	.0003594	.34972	.0046405	.0011126	.070076
%RSD	2.110958	2.962552	2.178513	2.856917	.4982663	1.929284

#1	.6126534	.0121907	15.69188	.1613650	.2236441	3.558605
#2	.6266922	.0117480	16.07820	.1584139	.2241949	3.639917
#3	.6390711	.0124599	16.39000	.1675099	.2220523	3.698119

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.14781	.3874917	.0166590	.3891370	.2773096	7.158652
Stddev	.26330	.0007837	.0011217	.0059452	.0118911	.011803
%RSD	1.861072	.2022514	6.733047	1.527790	4.288013	.1648839

#1	13.86827	.3866797	.0156212	.3823355	.2717735	7.162549
#2	14.18406	.3882437	.0178489	.3933436	.2691959	7.168014
#3	14.39111	.3875516	.0165069	.3917320	.2909593	7.145393

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062540	.0061833	1.428338	.0015579	4.705382	.0267519
Stddev	.0219596	.0004897	.007627	.0011030	.098476	.0013478
%RSD	351.1315	7.920233	.5339440	70.79915	2.092847	5.038188

#1	-.017193	.0057152	1.421701	.0003656	4.606137	.0252884
#2	.026338	.0066922	1.426644	.0017664	4.706939	.0270252
#3	.009617	.0061426	1.436669	.0025418	4.803072	.0279421



Sample Name: K5145-01DUP Acquired: 10/14/2019 15:06:52 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693883	-.021402	F 11.93577	.6821568	F 538.1512	F 17.73064
Stddev	.0011735	.001533	.26228	.0084643	13.1282	.47824
%RSD	1.691272	7.162131	2.197421	1.240814	2.439508	2.697278

#1	.0680407	-.019660	11.63303	.6764303	523.2332	17.19207
#2	.0699388	-.022546	12.07980	.6781607	543.2775	17.89420
#3	.0701853	-.021999	12.09447	.6918794	547.9428	18.10564

Elem	K_7664
Units	ppm
Avg	F 11.74781
Stddev	.26879
%RSD	2.287994

#1	11.43753
#2	11.90954
#3	11.89636

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.858	55455.08	12354.53	3134.190	2082.499
Stddev	17.388	1155.90	71.45	68.535	20.345
%RSD	.4476980	2.084384	.5783589	2.186695	.9769346

#1	3886.749	56134.92	12282.83	3190.502	2070.845
#2	3865.206	56109.89	12425.74	3154.188	2070.662
#3	3899.620	54120.45	12355.01	3057.880	2105.991



Sample Name: K5145-01LX5 Acquired: 10/14/2019 15:10:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198701	-.030195	.0251628	-.013078	.0006221	45.12987
Stddev	.0022033	.001438	.0020637	.005142	.0009022	1.15450
%RSD	11.08829	4.761577	8.201444	39.32001	145.0253	2.558184

#1	.0223155	-.029364	.0270018	-.015880	.0016390	43.81998
#2	.0180395	-.029365	.0255556	-.007143	-.000082	45.57027
#3	.0192555	-.031855	.0229309	-.016209	.000309	45.99935

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2134699	.0031456	5.610929	.0542350	.0472405	1.275891
Stddev	.0057678	.0000562	.158539	.0004032	.0006715	.034661
%RSD	2.701917	1.786500	2.825544	.7433495	1.421514	2.716627

#1	.2069668	.0031756	5.432895	.0544233	.0464762	1.235893
#2	.2154766	.0030807	5.663034	.0537722	.0477358	1.294650
#3	.2179663	.0031803	5.736859	.0545096	.0475095	1.297129

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.791187	.0820393	-.002227	.1279252	.1208301	1.500060
Stddev	.130722	.0020893	.000450	.0032069	.0005940	.004335
%RSD	2.728378	2.546739	20.20932	2.506831	.4916081	.2889724

#1	4.640452	.0796451	-.002737	.1266296	.1215053	1.505034
#2	4.859662	.0834939	-.001884	.1255688	.1205970	1.497088
#3	4.873446	.0829789	-.002061	.1315771	.1203880	1.498059

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.128031	.0017453	.2917581	-.000526	1.445525	.0053914
Stddev	.003488	.0001358	.0021931	.001032	.041156	.0008279
%RSD	2.723943	7.783403	.7516711	196.2828	2.847151	15.35672

#1	-.131458	.0018810	.2927909	.000665	1.398069	.0045364
#2	-.128150	.0016093	.2892394	-.001152	1.467060	.0054485
#3	-.124486	.0017454	.2932441	-.001090	1.471445	.0061893



Sample Name: K5145-01LX5 Acquired: 10/14/2019 15:10:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224041	-.004403	.4483181	.1394930	F 107.0501	3.350241
Stddev	.0006257	.000452	.0041383	.0006678	2.9922	.110666
%RSD	2.792980	10.26825	.9230635	.4787230	2.795174	3.303224

#1	.0216926	-.003881	.4443561	.1387220	103.7549	3.224412
#2	.0226508	-.004688	.4526126	.1398681	107.7980	3.393859
#3	.0228689	-.004638	.4479857	.1398890	109.5974	3.432451

Elem	K_7664
Units	ppm
Avg	2.278760
Stddev	.069787
%RSD	3.062495

#1	2.215484
#2	2.267185
#3	2.353611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.067	33023.19	7061.335	1897.363	2032.975
Stddev	5.804	75.98	11.426	23.611	3.528
%RSD	.2533507	.2300751	.1618069	1.244399	.1735513

#1	2284.656	32987.60	7065.904	1880.637	2029.109
#2	2295.966	32971.55	7048.332	1887.081	2036.021
#3	2292.579	33110.43	7069.769	1924.371	2033.794



Sample Name: CCV02 Acquired: 10/14/2019 15:14:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002614	4.990711	4.917309	5.041874	5.045369	9.787110
Stddev	.027804	.030418	.034570	.027302	.018542	.235670
%RSD	.5557842	.6094901	.7030334	.5415085	.3674961	2.407965

#1	5.027857	5.010127	4.936025	5.056055	5.052746	9.517812
#2	4.972813	4.955655	4.877416	5.010399	5.024275	9.887858
#3	5.007172	5.006350	4.938487	5.059167	5.059087	9.955660

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.743988	.2487189	24.21362	.9760925	2.460717	2.480586
Stddev	.228801	.0008041	.65000	.0022885	.020289	.060471
%RSD	2.348120	.3232811	2.684440	.2344537	.8245070	2.437773

#1	9.481529	.2482736	23.46364	.9772111	2.471387	2.411126
#2	9.849025	.2496471	24.56313	.9734599	2.437320	2.509127
#3	9.901411	.2482361	24.61408	.9776065	2.473446	2.521504

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.27802	2.462779	1.229955	2.466915	2.496596	4.907770
Stddev	.81129	.016909	.000776	.065174	.014954	.048693
%RSD	3.341679	.6865620	.0631003	2.641931	.5989578	.9921534

#1	23.34128	2.471709	1.230729	2.392209	2.498918	4.928980
#2	24.75575	2.443278	1.229177	2.496392	2.480618	4.852069
#3	24.73703	2.473351	1.229961	2.512142	2.510253	4.942259

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.947558	5.033186	4.905927	4.928080	4.849255	4.815568
Stddev	.005825	.031503	.017647	.006066	.144318	.124082
%RSD	.1177355	.6258992	.3597075	.1230852	2.976078	2.576679

#1	4.954246	5.048822	4.921475	4.921807	4.688109	4.672985
#2	4.944830	4.996924	4.886746	4.928519	4.893067	4.874654
#3	4.943597	5.053811	4.909558	4.933915	4.966590	4.899064



Sample Name: CCV02 Acquired: 10/14/2019 15:14:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907806	F 2.560560	5.133046	1.309729	5.218689	25.31562
Stddev	.116808	.004393	.192572	.009280	.171995	.74236
%RSD	2.380040	.1715607	3.751605	.7085323	3.295744	2.932426

#1	4.773288	2.563817	4.921746	1.306007	5.028000	24.46655
#2	4.966550	2.555564	5.178714	1.320292	5.265967	25.63806
#3	4.983582	2.562299	5.298679	1.302887	5.362100	25.84223

Elem	K_7664
Units	ppm
Avg	F 25.99725
Stddev	.65519
%RSD	2.520242

#1	25.25967
#2	26.22021
#3	26.51186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.487	26382.64	5810.387	1478.518	1881.905
Stddev	9.416	18.56	16.018	3.834	12.933
%RSD	.5143752	.0703633	.2756762	.2592944	.6872454

#1	1824.752	26387.46	5801.799	1481.979	1874.423
#2	1841.354	26362.14	5800.494	1479.179	1896.839
#3	1825.356	26398.32	5828.867	1474.397	1874.452



Sample Name: CCB02 Acquired: 10/14/2019 15:18:23 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000233	.0018630	.0054074	-.000409	.0030782	-.009671
Stddev	.001488	.0017694	.0017330	.002391	.0011308	.016435
%RSD	638.4055	94.97542	32.04834	584.9339	36.73665	169.9437

#1	-.001522	.0016901	.0045913	.001286	.0042086	-.021966
#2	-.000574	.0001864	.0073977	-.003143	.0030793	.008996
#3	.001396	.0037124	.0042331	.000631	.0019469	-.016043

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000436	.0001928	-.000485	-.000135	.0001260	-.000404
Stddev	.000350	.0000898	.007277	.000385	.0002506	.000631
%RSD	80.17795	46.58374	1500.412	285.5648	198.8973	156.2308

#1	-.000053	.0002893	-.006756	.000308	-.000163	-.000267
#2	-.000516	.0001116	-.002193	-.000323	.000272	-.001093
#3	-.000739	.0001776	.007494	-.000388	.000270	.000147

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008484	-.000026	.0000106	.0009130	-.000859	-.001314
Stddev	.051255	.000482	.0002675	.0019009	.000437	.001229
%RSD	604.1279	1824.425	2534.715	208.1915	50.85795	93.52119

#1	-.066681	.000351	-.000177	-.000252	-.001300	-.002732
#2	.011292	.000139	.000317	-.000115	-.000850	-.000560
#3	.029937	-.000569	-.000108	.003107	-.000427	-.000650

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015155	.0009901	-.004152	.0021028	.0011477	-.004080
Stddev	.0006662	.0007148	.004810	.0009370	.0005348	.000555
%RSD	43.95825	72.20008	115.8392	44.55730	46.59521	13.60539

#1	.0017498	.0016298	-.005292	.0030800	.0017606	-.003475
#2	.0020329	.0011220	-.008289	.0020165	.0007761	-.004199
#3	.0007638	.0002185	.001125	.0012120	.0009063	-.004567



Sample Name: CCB02 Acquired: 10/14/2019 15:18:23 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000359	F -.012489	-.001644	-.003070	F -.084105
Stddev	.000078	.000135	.010601	.000877	.001811	.003998
%RSD	107.8821	37.51062	84.88310	53.33564	58.99514	4.753037

#1	.000016	-.000394	-.024272	-.000719	-.002867	-.087720
#2	-.000100	-.000211	-.009467	-.002463	-.004975	-.084784
#3	-.000132	-.000473	-.003726	-.001751	-.001369	-.079812

Elem	K_7664
Units	ppm
Avg	F .0859903
Stddev	.0494280
%RSD	57.48086

#1	.0289162
#2	.1143373
#3	.1147174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.938	27419.66	5792.367	1519.460	2057.615
Stddev	18.413	42.91	24.251	10.728	17.249
%RSD	.9757903	.1564773	.4186659	.7060350	.8383212

#1	1865.796	27385.12	5813.662	1511.747	2037.830
#2	1899.457	27406.17	5765.972	1514.921	2065.514
#3	1895.560	27467.69	5797.465	1531.711	2069.500



Sample Name: K5213-09DLX10 Acquired: 10/14/2019 15:22:27 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227863	-.010021	1.425692	.0493244	.0178231	10.80701
Stddev	.0049867	.003222	.006438	.0040713	.0014549	.45374
%RSD	21.88476	32.15616	.4515796	8.254173	8.162999	4.198614

#1	.0274038	-.011543	1.424266	.0447257	.0179029	10.30317
#2	.0174982	-.012200	1.432723	.0507780	.0192365	10.93450
#3	.0234568	-.006319	1.420086	.0524693	.0163300	11.18338

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4831365	-.001162	163.8983	.4856725	.0277782	.7502684
Stddev	.0167330	.000097	6.3971	.0027443	.0008805	.0281015
%RSD	3.463402	8.307461	3.903060	.5650406	3.169721	3.745521

#1	.4642132	-.001052	156.7989	.4825436	.0268767	.7198932
#2	.4892182	-.001233	165.6817	.4868035	.0286361	.7555716
#3	.4959781	-.001202	169.2145	.4876706	.0278219	.7753404

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.88458	.1463071	-.001757	.0329755	1.886556	.7996648
Stddev	1.57290	.0007219	.000715	.0062098	.009919	.0032426
%RSD	4.151815	.4933874	40.69587	18.83154	.5257859	.4054989

#1	36.14761	.1464316	-.002557	.0309603	1.876195	.7961493
#2	38.29350	.1469585	-.001183	.0280235	1.887510	.8003067
#3	39.21264	.1455310	-.001530	.0399425	1.895964	.8025385

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013485	.0129134	37.31597	.0002338	.2693639	.0214519
Stddev	.002433	.0004219	.04663	.0009190	.0080321	.0007205
%RSD	18.04518	3.267336	.1249525	393.1341	2.981871	3.358860

#1	-.010719	.0126678	37.36897	.0003982	.2600904	.0207437
#2	-.014439	.0126718	37.29767	.0010595	.2738766	.0214278
#3	-.015296	.0134006	37.28126	-.000756	.2741248	.0221842



Sample Name: K5213-09DLX10 Acquired: 10/14/2019 15:22:27 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9757528	.0492062	8.455106	.5692090	F 85.36117	F 122.1039
Stddev	.0359421	.0002627	.903849	.0008751	1.96906	3.0225
%RSD	3.683522	.5339612	10.68998	.1537365	2.306737	2.475376

#1	.9359697	.0494931	8.953488	.5689362	83.14533	118.6794
#2	.9854067	.0491481	9.000052	.5685028	86.02784	123.2326
#3	1.005882	.0489773	7.411776	.5701880	86.91035	124.3996

Elem	K_7664
Units	ppm
Avg	F 21.95411
Stddev	.53309
%RSD	2.428183

#1	21.34777
#2	22.16538
#3	22.34918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.711	25636.82	5789.829	1436.383	1812.841
Stddev	5.349	58.29	77.603	6.262	3.305
%RSD	.3015944	.2273772	1.340336	.4359523	.1823180

#1	1768.298	25677.58	5874.053	1436.351	1809.069
#2	1773.839	25662.83	5774.211	1442.661	1814.221
#3	1778.995	25570.05	5721.223	1430.137	1815.232



Sample Name: K5297-03 Acquired: 10/14/2019 15:26:21 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092843	-.007124	.1474785	.0609555	.0198612	6.209163
Stddev	.0023420	.001044	.0011282	.0029350	.0012524	.150959
%RSD	25.22563	14.64931	.7650025	4.814933	6.305831	2.431233

#1	.0116212	-.006707	.1461843	.0643311	.0190249	6.252845
#2	.0069372	-.008311	.1479970	.0590075	.0213011	6.041179
#3	.0092945	-.006353	.1482543	.0595278	.0192576	6.333464

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912788	-.000003	177.8471	.0084057	.0047967	2.034922
Stddev	.0099273	.000131	4.1503	.0004993	.0004089	.043209
%RSD	2.020717	5130.997	2.333658	5.940169	8.524595	2.123381

#1	.4957929	.000149	178.6336	.0079383	.0043404	2.043644
#2	.4798965	-.000074	173.3598	.0089317	.0049195	1.988017
#3	.4981470	-.000082	181.5480	.0083472	.0051301	2.073105

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22459	.0246249	-.001792	.0196249	.2054441	.6866550
Stddev	.46133	.0007567	.000469	.0009379	.0026977	.0035628
%RSD	1.828907	3.072914	26.18101	4.779090	1.313085	.5188693

#1	25.34087	.0248155	-.002288	.0206835	.2069689	.6832439
#2	24.71624	.0252682	-.001735	.0188976	.2023294	.6903523
#3	25.61666	.0237912	-.001354	.0192936	.2070341	.6863688

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1809107	.0033238	13.57258	-.005898	.1997079	.0171348
Stddev	.0031979	.0004219	.02959	.000729	.0069065	.0007759
%RSD	1.767678	12.69474	.2180329	12.36720	3.458316	4.528281

#1	.1813533	.0038088	13.59010	-.005479	.2014167	.0175859
#2	.1775145	.0030410	13.58923	-.006740	.1921074	.0162388
#3	.1838642	.0031216	13.53841	-.005475	.2055996	.0175795



Sample Name: K5297-03 Acquired: 10/14/2019 15:26:21 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.223001	-.000286	F 19.62958	.0433773	F 17.85594	F 367.3531
Stddev	.027412	.000063	.34512	.0000785	.34636	13.8503
%RSD	2.241333	21.99339	1.758177	.1808721	1.939725	3.770292

#1	1.234008	-.000255	19.30921	.0433841	17.53239	351.5578
#2	1.191797	-.000359	19.58449	.0432957	17.81413	377.4215
#3	1.243199	-.000245	19.99503	.0434522	18.22131	373.0800

Elem	K_7664
Units	ppm
Avg	F 12.64021
Stddev	.17548
%RSD	1.388291

#1	12.48659
#2	12.60259
#3	12.83146

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.087	24559.92	5863.124	1361.467	1726.607
Stddev	5.568	118.14	128.464	14.070	5.934
%RSD	.3235223	.4810384	2.191053	1.033478	.3437056

#1	1726.932	24432.16	5758.693	1345.271	1733.392
#2	1720.484	24582.38	6006.574	1370.682	1722.385
#3	1715.845	24665.22	5824.105	1368.449	1724.043



Sample Name: K5297-03DUP Acquired: 10/14/2019 15:30:30 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059945	-.010932	.1521472	.0541706	.0189733	7.424683
Stddev	.0024416	.001614	.0018784	.0039078	.0032203	.205809
%RSD	40.73085	14.76808	1.234580	7.213934	16.97290	2.771958

#1	.0059260	-.011578	.1543161	.0496820	.0155224	7.244140
#2	.0084696	-.012123	.1510634	.0560144	.0194990	7.648784
#3	.0035879	-.009095	.1510620	.0568155	.0218983	7.381124

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5351470	.0000156	192.9975	.0091255	.0046252	2.200473
Stddev	.0107527	.0000833	4.0816	.0004602	.0007641	.048049
%RSD	2.009303	532.6436	2.114860	5.043358	16.52023	2.183581

#1	.5231127	-.000080	188.4795	.0088908	.0055072	2.151276
#2	.5438103	.000067	196.4187	.0096558	.0041640	2.247285
#3	.5385181	.000060	194.0942	.0088301	.0042043	2.202857

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.36625	.0258033	-.001160	.0242141	.2649009	.7005672
Stddev	.60452	.0007696	.000224	.0032468	.0043359	.0040975
%RSD	2.209011	2.982722	19.30155	13.40868	1.636820	.5848833

#1	26.69681	.0266812	-.000928	.0205618	.2600319	.7035054
#2	27.87225	.0254839	-.001176	.0253074	.2683452	.7023096
#3	27.52968	.0252447	-.001375	.0267731	.2663257	.6958864

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923577	.0034503	13.74845	-.003805	.2645393	.0228766
Stddev	.0014008	.0003289	.03489	.002000	.0127134	.0019341
%RSD	.7282003	9.532319	.2537709	52.55588	4.805858	8.454415

#1	.1918420	.0030730	13.78869	-.002546	.2660811	.0206894
#2	.1939432	.0036014	13.72673	-.002758	.2764115	.0235794
#3	.1912879	.0036765	13.72993	-.006111	.2511254	.0243610



Sample Name: K5297-03DUP Acquired: 10/14/2019 15:30:30 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320082	-.000495	F 21.61061	.0447159	F 18.57226	F 374.8045
Stddev	.025019	.000197	.51504	.0002676	.47657	15.7664
%RSD	1.895269	39.89463	2.383274	.5984967	2.566031	4.206579

#1	1.292790	-.000571	21.02190	.0445999	18.02943	356.8280
#2	1.341933	-.000271	21.83196	.0445258	18.76540	381.2993
#3	1.325522	-.000643	21.97798	.0450219	18.92194	386.2860

Elem	K_7664
Units	ppm
Avg	F 13.17892
Stddev	.36066
%RSD	2.736637

#1	12.76893
#2	13.32063
#3	13.44721

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.552	24785.71	5549.156	1395.656	1720.925
Stddev	13.338	524.99	62.383	31.391	9.393
%RSD	.7752264	2.118106	1.124183	2.249163	.5457833

#1	1705.444	25391.69	5533.812	1431.902	1710.529
#2	1725.512	24468.63	5495.878	1377.521	1723.448
#3	1730.699	24496.80	5617.779	1377.543	1728.799



Sample Name: K5297-03LX5 Acquired: 10/14/2019 15:34:37 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002760	-.002009	.0298026	.0265698	.0066303	1.304090
Stddev	.006141	.001547	.0009634	.0018370	.0015593	.059274
%RSD	222.4924	77.01596	3.232506	6.913678	23.51719	4.545255

#1	-.009851	-.002885	.0309145	.0286846	.0084228	1.241786
#2	.000772	-.000222	.0292782	.0253703	.0058806	1.310705
#3	.000798	-.002919	.0292152	.0256546	.0055875	1.359779

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1052665	.0001252	38.61201	.0011508	.0010450	.4415430
Stddev	.0048286	.0000999	1.88912	.0006344	.0002926	.0225074
%RSD	4.587022	79.83397	4.892571	55.12322	28.00487	5.097440

#1	.1005313	.0000612	36.82395	.0012209	.0012714	.4205015
#2	.1050848	.0002403	38.42396	.0017473	.0011489	.4388529
#3	.1101833	.0000739	40.58813	.0004843	.0007145	.4652745

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.486684	.0055154	-.000726	.0049842	.0421440	.1331617
Stddev	.254150	.0004298	.000743	.0014106	.0010963	.0023789
%RSD	4.632118	7.793112	102.2412	28.30114	2.601411	1.786487

#1	5.231190	.0058939	-.000533	.0066093	.0420882	.1321375
#2	5.489395	.0050481	-.000099	.0042666	.0432672	.1314664
#3	5.739468	.0056042	-.001547	.0040766	.0410766	.1358811

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345834	-.000695	2.568056	-.002333	.0437076	.0041440
Stddev	.0025862	.000456	.014606	.000933	.0018285	.0015970
%RSD	7.478059	65.67988	.5687515	39.98471	4.183532	38.53645

#1	.0352986	-.001126	2.553091	-.001502	.0428903	.0023051
#2	.0317149	-.000741	2.582274	-.002154	.0458022	.0051821
#3	.0367367	-.000217	2.568803	-.003342	.0424303	.0049449



Sample Name: K5297-03LX5 Acquired: 10/14/2019 15:34:37 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2616214	-.000032	4.004410	.0090975	3.729155	F 76.08693
Stddev	.0117629	.000082	.113774	.0003887	.112185	2.16291
%RSD	4.496167	253.4455	2.841207	4.272958	3.008331	2.842686

#1	.2507729	-.000029	3.878246	.0089693	3.608921	73.68005
#2	.2599674	.000048	4.035769	.0095341	3.747521	76.71299
#3	.2741238	-.000116	4.099216	.0087890	3.831025	77.86776

Elem	K_7664
Units	ppm
Avg	2.614645
Stddev	.055529
%RSD	2.123767

#1	2.554772
#2	2.624710
#3	2.664453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.922	26468.46	5690.080	1493.950	1946.877
Stddev	7.231	71.62	114.593	8.006	4.456
%RSD	.3910996	.2705829	2.013911	.5358747	.2288847

#1	1855.989	26405.16	5771.673	1503.068	1951.620
#2	1841.537	26454.02	5739.498	1488.069	1942.777
#3	1849.240	26546.20	5559.070	1490.715	1946.234



Sample Name: K5297-03MS Acquired: 10/14/2019 15:38:38 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7672728	1.814354	1.051805	1.867188	.7941161	8.862291
Stddev	.0016008	.005128	.002816	.007370	.0033017	.117785
%RSD	.2086371	.2826287	.2677083	.3947028	.4157643	1.329059

#1	.7659340	1.818786	1.052754	1.871461	.7915131	8.728227
#2	.7690460	1.808738	1.048638	1.858679	.7930054	8.949161
#3	.7668384	1.815539	1.054024	1.871426	.7978299	8.909484

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6660723	.1825690	175.2059	.3830541	.1937544	2.174798
Stddev	.0073588	.0020660	2.5171	.0017487	.0006049	.026709
%RSD	1.104807	1.131613	1.436636	.4565056	.3122112	1.228118

#1	.6583204	.1835509	172.3250	.3839730	.1944217	2.144131
#2	.6729622	.1839609	176.9796	.3810375	.1932418	2.192963
#3	.6669342	.1801952	176.3130	.3841517	.1935998	2.187301

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.50781	.4896881	.0691500	.3007109	.3737377	6.438970
Stddev	.46641	.0033685	.0007503	.0054300	.0038091	.006692
%RSD	1.759524	.6878921	1.085062	1.805711	1.019176	.1039317

#1	25.97640	.4920976	.0686998	.2970967	.3778676	6.442481
#2	26.84928	.4858390	.0700162	.3069551	.3703625	6.431253
#3	26.69774	.4911278	.0687340	.2980809	.3729830	6.443176

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4396153	.4031492	12.90459	.6855310	.3854427	.2109418
Stddev	.0059956	.0010434	.04017	.0014552	.0037630	.0022735
%RSD	1.363819	.2588230	.3113217	.2122777	.9762759	1.077769

#1	.4412808	.4023960	12.94720	.6871361	.3827602	.2083336
#2	.4446021	.4043403	12.86740	.6842977	.3897442	.2119885
#3	.4329631	.4027115	12.89918	.6851594	.3838236	.2125035



Sample Name: K5297-03MS Acquired: 10/14/2019 15:38:38 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.381581	.1669132	F 20.83909	.3167520	F 19.78645	F 348.7586
Stddev	.017416	.0007060	.33017	.0012400	.44984	15.0860
%RSD	1.260595	.4229732	1.584378	.3914882	2.273474	4.325640

#1	1.362931	.1671046	20.45981	.3161042	19.27116	331.9221
#2	1.397422	.1661313	20.99522	.3159700	19.98735	353.3051
#3	1.384389	.1675038	21.06224	.3181818	20.10083	361.0484

Elem	K_7664
Units	ppm
Avg	F 22.18532
Stddev	.41827
%RSD	1.885333

#1	21.72322
#2	22.29476
#3	22.53799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.463	24532.66	5694.269	1398.776	1719.590
Stddev	5.210	104.71	77.004	14.284	6.442
%RSD	.3026662	.4268057	1.352310	1.021170	.3746438

#1	1715.941	24411.80	5615.505	1384.339	1712.450
#2	1722.156	24595.94	5697.917	1412.901	1721.353
#3	1726.292	24590.24	5769.384	1399.088	1724.968



Sample Name: K5297-03MSD Acquired: 10/14/2019 15:42:36 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7607633	1.816840	1.046088	1.858532	.7924212	9.070673
Stddev	.0032915	.004233	.001088	.005380	.0033161	.171074
%RSD	.4326635	.2329929	.1039874	.2894743	.4184700	1.886014

#1	.7574620	1.813734	1.044838	1.852330	.7946701	8.873135
#2	.7607828	1.821661	1.046602	1.861932	.7886129	9.170224
#3	.7640450	1.815123	1.046824	1.861336	.7939806	9.168659

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6810248	.1860248	179.1679	.3838504	.1934617	2.212846
Stddev	.0130418	.0019703	3.6699	.0025198	.0006910	.039897
%RSD	1.915030	1.059143	2.048324	.6564437	.3571839	1.802974

#1	.6660732	.1849009	175.0477	.3811188	.1942390	2.168150
#2	.6869428	.1882998	180.3697	.3843486	.1932290	2.225530
#3	.6900584	.1848737	182.0863	.3860838	.1929171	2.244860

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.24883	.4891307	.0689628	.3117581	.3750619	6.429402
Stddev	.66441	.0007406	.0003696	.0082784	.0005502	.029855
%RSD	2.438311	.1514185	.5358616	2.655403	.1467050	.4643484

#1	26.48292	.4885623	.0692159	.3022447	.3748747	6.459950
#2	27.59334	.4888615	.0691338	.3173233	.3756813	6.400292
#3	27.67023	.4899683	.0685387	.3157063	.3746296	6.427962

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4420980	.4041440	12.78318	.6827418	.4015796	.2180558
Stddev	.0027550	.0023019	.02730	.0028880	.0119240	.0060440
%RSD	.6231608	.5695708	.2135673	.4229949	2.969270	2.771750

#1	.4390700	.4033798	12.79813	.6853788	.3880033	.2110821
#2	.4427671	.4023214	12.75167	.6796556	.4063816	.2213082
#3	.4444568	.4067308	12.79973	.6831910	.4103539	.2217771



Sample Name: K5297-03MSD Acquired: 10/14/2019 15:42:36 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.410913	.1677289	F 21.16331	.3189580	F 19.87977	F 352.6957
Stddev	.024048	.0012594	.41295	.0017982	.35182	9.8400
%RSD	1.704407	.7508811	1.951265	.5637587	1.769745	2.789935

#1	1.383414	.1691782	20.68977	.3205086	19.49597	341.6378
#2	1.421322	.1668996	21.35162	.3193787	19.95634	355.9627
#3	1.428003	.1671091	21.44854	.3169868	20.18700	360.4867

Elem	K_7664
Units	ppm
Avg	F 22.13098
Stddev	.29464
%RSD	1.331346

#1	21.79077
#2	22.30353
#3	22.29863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.046	24612.39	5591.272	1383.903	1736.491
Stddev	11.123	56.01	24.709	5.526	5.774
%RSD	.6406804	.2275871	.4419249	.3993129	.3324964

#1	1746.867	24605.15	5613.616	1381.624	1742.047
#2	1736.627	24671.67	5564.734	1379.882	1736.905
#3	1724.644	24560.34	5595.466	1390.204	1730.522



Sample Name: K5297-03A Acquired: 10/14/2019 15:46:35 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7582777	1.801906	1.044072	1.855829	.7893469	9.782775
Stddev	.0039763	.004754	.005118	.005280	.0038075	.323302
%RSD	.5243873	.2638141	.4901731	.2844932	.4823666	3.304811

#1	.7537212	1.796452	1.038458	1.860878	.7921559	9.436639
#2	.7600667	1.804099	1.045282	1.850345	.7908715	9.834737
#3	.7610454	1.805168	1.048477	1.856264	.7850133	10.07695

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6778043	.1847144	176.2068	.3829797	.1926594	2.181120
Stddev	.0193985	.0014306	5.0911	.0003012	.0002998	.062589
%RSD	2.861954	.7745027	2.889270	.0786596	.1555950	2.869575

#1	.6584203	.1845869	171.3327	.3830989	.1928603	2.120927
#2	.6777753	.1833518	175.7975	.3826370	.1928029	2.176576
#3	.6972172	.1862045	181.4902	.3832030	.1923148	2.245857

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.74441	.4843656	.0687888	.3091540	.3943638	6.391795
Stddev	.87088	.0010551	.0005476	.0064300	.0008220	.004536
%RSD	3.256320	.2178301	.7960103	2.079858	.2084407	.0709665

#1	25.92974	.4836926	.0681691	.3020503	.3935121	6.386819
#2	26.64119	.4838226	.0689901	.3108358	.3944269	6.395700
#3	27.66231	.4855816	.0692073	.3145760	.3951524	6.392864

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4412162	.3996654	12.74443	.6787000	.4435879	.2146894
Stddev	.0065515	.0020831	.05809	.0023716	.0165249	.0049147
%RSD	1.484862	.5212148	.4557809	.3494361	3.725287	2.289206

#1	.4395934	.3975121	12.80797	.6799939	.4251567	.2110610
#2	.4356287	.3998135	12.69406	.6759628	.4570804	.2127246
#3	.4484266	.4016705	12.73125	.6801432	.4485266	.2202825



Sample Name: K5297-03A Acquired: 10/14/2019 15:46:35 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.386561	.1670928	F 23.09845	.3164304	F 19.96375	F 346.0758
Stddev	.036383	.0001966	.79515	.0014970	.46300	13.1217
%RSD	2.623952	.1176272	3.442433	.4730845	2.319224	3.791564

#1	1.352287	.1672784	22.18031	.3160989	19.43273	332.3140
#2	1.382659	.1671132	23.55240	.3180653	20.17558	347.4670
#3	1.424738	.1668869	23.56263	.3151269	20.28296	358.4465

Elem	K_7664
Units	ppm
Avg	F 22.29463
Stddev	.42591
%RSD	1.910362

#1	21.81137
#2	22.45725
#3	22.61527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.318	24647.93	5616.927	1408.232	1742.393
Stddev	7.484	73.01	63.790	12.781	7.829
%RSD	.4298132	.2962300	1.135667	.9076070	.4493207

#1	1745.170	24568.42	5601.978	1393.541	1743.959
#2	1746.092	24711.98	5686.863	1416.800	1749.321
#3	1732.692	24663.38	5561.939	1414.354	1733.900



Sample Name: K5149-01 Acquired: 10/14/2019 15:50:34 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629362	-.088146	.6676980	-.016908	.0118119	140.1829
Stddev	.0009978	.001889	.0022666	.004912	.0013872	5.4401
%RSD	1.585449	2.142576	.3394590	29.05050	11.74381	3.880716

#1	.0618190	-.090034	.6697391	-.020120	.0104004	143.1858
#2	.0637388	-.088147	.6680963	-.019349	.0118621	143.4597
#3	.0632510	-.086257	.6652587	-.011254	.0131733	133.9032

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7278124	.0019161	93.80918	.2502074	.1448616	4.512758
Stddev	.0289526	.0001128	3.75847	.0099988	.0007995	.177982
%RSD	3.978030	5.888021	4.006505	3.996199	.5518815	3.943982

#1	.7458442	.0020335	96.24860	.2538282	.1442688	4.619194
#2	.7431768	.0018085	95.69801	.2389026	.1445452	4.611795
#3	.6944163	.0019063	89.48093	.2578914	.1457708	4.307286

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.57968	.3945520	-.003447	.4900567	.8204099	7.837299
Stddev	2.20504	.0011052	.001467	.0176666	.0293771	.024877
%RSD	4.193708	.2801076	42.55201	3.605014	3.580788	.3174131

#1	53.88508	.3957110	-.004568	.5078499	.8284024	7.865745
#2	53.82017	.3935099	-.001787	.4898006	.7878635	7.819621
#3	50.03380	.3944352	-.003987	.4725195	.8449637	7.826530

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.357443	.0043193	3.532404	.0220116	4.569256	.1271864
Stddev	.056670	.0004854	.008219	.0022398	.180482	.0064052
%RSD	15.85418	11.23761	.2326877	10.17571	3.949911	5.036051

#1	-.419541	.0047587	3.541863	.0245865	4.678045	.1304950
#2	-.344261	.0037983	3.528349	.0205139	4.668800	.1312606
#3	-.308525	.0044009	3.527000	.0209343	4.360922	.1198035



Sample Name: K5149-01 Acquired: 10/14/2019 15:50:34 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3888090	-.010136	3.171008	.7406344	F 323.3185	F 15.42466
Stddev	.0157340	.001172	.097664	.0016565	8.6940	.44352
%RSD	4.046717	11.55896	3.079918	.2236667	2.688990	2.875410

#1	.3983203	-.008798	3.071113	.7387507	313.3184	14.91609
#2	.3974589	-.010976	3.175633	.7418645	329.0827	15.73119
#3	.3706477	-.010635	3.266277	.7412878	327.5544	15.62671

Elem	K_7664
Units	ppm
Avg	F 11.23182
Stddev	.31643
%RSD	2.817287

#1	10.86645
#2	11.41160
#3	11.41740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.294	32318.09	7005.149	1811.190	1992.952
Stddev	4.250	1004.82	416.389	50.783	7.243
%RSD	.1944123	3.109160	5.944036	2.803856	.3634345

#1	2182.806	31925.03	6604.699	1783.332	1986.627
#2	2191.028	33460.03	6974.920	1869.805	2000.853
#3	2185.048	31569.22	7435.829	1780.432	1991.374



Sample Name: K5323-01 Acquired: 10/14/2019 15:54:27 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3307729	-.194848	18.29620	-.182876	.1516457	415.4472
Stddev	.0053635	.002543	.16597	.013895	.0035964	15.0587
%RSD	1.621502	1.304892	.9071352	7.597902	2.371590	3.624692

#1	.3350779	-.197775	18.26142	-.198908	.1527223	399.4301
#2	.3247646	-.193186	18.47681	-.174304	.1545809	417.5944
#3	.3324762	-.193584	18.15038	-.175417	.1476340	429.3169

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.659571	.2587900	214.5779	4.497176	2.256130	9.587445
Stddev	.376020	.0039031	8.2756	.263394	.019467	.335882
%RSD	3.892721	1.508228	3.856676	5.856864	.8628333	3.503354

#1	9.261811	.2574203	205.8933	4.769294	2.252317	9.231414
#2	9.707681	.2557564	215.4679	4.243473	2.277220	9.632238
#3	10.00922	.2631934	222.3724	4.478762	2.238851	9.898683

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.44172	F 16.47566	.0394279	.6807726	F 47.55112	8.062934
Stddev	2.33379	.15540	.0102362	.0258324	2.77278	.088384
%RSD	3.566208	.9432135	25.96173	3.794576	5.831156	1.096183

#1	62.95296	16.46149	.0278204	.6548114	50.53448	8.094571
#2	65.79102	16.63766	.0471626	.6810319	45.05297	8.131147
#3	67.58116	16.32783	.0433007	.7064743	47.06590	7.963085

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3751429	.9094309	12.75692	5.442057	10.49827	.3482502
Stddev	.0581841	.0083730	.13391	.047686	.40876	.0167911
%RSD	15.50985	.9206862	1.049735	.8762552	3.893589	4.821567

#1	.3104917	.9146331	12.78408	5.458416	10.07335	.3310915
#2	.4232974	.9138875	12.87518	5.479411	10.53277	.3490115
#3	.3916397	.8997722	12.61151	5.388345	10.88868	.3646478



Sample Name: K5323-01 Acquired: 10/14/2019 15:54:27 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.007857	.0136649	1.420392	F 46.21741	F 1543.247	F 26.25800
Stddev	.115799	.0069403	.019304	.11938	36.066	.82894
%RSD	3.849871	50.78929	1.359070	.2583053	2.337035	3.156896

#1	2.885293	.0213507	1.409084	46.24263	1503.066	25.33605
#2	3.022847	.0117877	1.409411	46.32217	1553.858	26.49617
#3	3.115430	.0078563	1.442682	46.08743	1572.818	26.94178

Elem	K_7664
Units	ppm
Avg	F 49.98912
Stddev	1.48266
%RSD	2.965964

#1	48.31546
#2	50.51382
#3	51.13808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.290	28780.74	6607.503	1565.724	2242.743
Stddev	13.126	1454.48	81.388	80.690	16.540
%RSD	.6796516	5.053673	1.231747	5.153549	.7375075

#1	1934.620	27272.33	6669.816	1481.498	2247.708
#2	1916.819	30174.51	6637.270	1642.340	2224.289
#3	1942.430	28895.37	6515.422	1573.334	2256.232



Sample Name: K5323-03 Acquired: 10/14/2019 15:58:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2159666	-.123124	14.56767	-.112140	.1696681	242.4328
Stddev	.0093860	.004468	.03906	.002303	.0026218	6.8535
%RSD	4.346021	3.628465	.2681034	2.053890	1.545281	2.826963

#1	.2267549	-.123536	14.57334	-.109537	.1702871	234.5205
#2	.2114703	-.127372	14.60358	-.113915	.1667922	246.2582
#3	.2096747	-.118465	14.52609	-.112967	.1719251	246.5197

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.424511	.1804019	166.2143	2.647701	1.667824	7.584564
Stddev	.143448	.0022162	4.5210	.007655	.006786	.205482
%RSD	2.644438	1.228475	2.720002	.2891246	.4068837	2.709209

#1	5.258878	.1778950	160.9947	2.639008	1.671316	7.347620
#2	5.508548	.1821007	168.7419	2.650665	1.672152	7.713807
#3	5.506109	.1812099	168.9063	2.653432	1.660002	7.692264

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.84350	F 12.85996	.0452338	.3827423	F 42.03623	4.972110
Stddev	1.22929	.05435	.0014090	.0059066	.29313	.010227
%RSD	2.466301	.4226336	3.114867	1.543223	.6973199	.2056813

#1	48.42422	12.89165	.0442372	.3788401	42.13276	4.965258
#2	50.57280	12.89103	.0446184	.3895377	41.70701	4.967207
#3	50.53348	12.79720	.0468458	.3798492	42.26892	4.983865

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2515766	.5972263	16.89393	4.704051	6.048336	.2456387
Stddev	.0132056	.0014190	.03114	.002670	.174754	.0075980
%RSD	5.249122	.2375930	.1843189	.0567585	2.889289	3.093151

#1	.2431392	.5988482	16.85822	4.703796	5.846667	.2368680
#2	.2447955	.5966166	16.91537	4.706839	6.155194	.2498363
#3	.2667950	.5962141	16.90822	4.701518	6.143146	.2502119



Sample Name: K5323-03 Acquired: 10/14/2019 15:58:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532638	-.009002	1.914628	F 38.72507	F 1029.992	F 13.85099
Stddev	.039342	.002021	.006680	.03045	14.425	.15540
%RSD	2.566955	22.44719	.3488676	.0786189	1.400509	1.121918

#1	1.487210	-.006702	1.921314	38.69696	1013.372	13.67202
#2	1.555492	-.010493	1.914616	38.75741	1037.343	13.92919
#3	1.555212	-.009811	1.907955	38.72082	1039.261	13.95175

Elem	K_7664
Units	ppm
Avg	F 25.75520
Stddev	.22423
%RSD	.8706200

#1	25.49641
#2	25.89148
#3	25.87773

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.785	28082.63	6366.717	1522.236	2162.470
Stddev	5.899	61.55	82.314	6.533	8.616
%RSD	.3136644	.2191851	1.292881	.4291431	.3984383

#1	1875.275	28152.84	6461.156	1517.028	2159.236
#2	1880.072	28057.08	6310.192	1529.566	2155.939
#3	1887.009	28037.96	6328.804	1520.114	2172.235



Sample Name: CCV03 Acquired: 10/14/2019 16:01:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972653	4.967954	4.898195	5.002648	5.009359	9.658702
Stddev	.011867	.002567	.008429	.006483	.012731	.463657
%RSD	.2386527	.0516800	.1720870	.1295824	.2541346	4.800408

#1	4.981187	4.969707	4.907904	5.003803	5.023102	9.563916
#2	4.977670	4.965007	4.892740	4.995665	5.007007	9.249762
#3	4.959101	4.969148	4.893943	5.008475	4.997969	10.16243

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.506387	.2498366	23.80939	.9596340	2.451326	2.455265
Stddev	.467411	.0124609	1.11537	.0053005	.005452	.112317
%RSD	4.916812	4.987615	4.684589	.5523429	.2223930	4.574536

#1	9.431958	.2577130	23.63267	.9591628	2.456624	2.434824
#2	9.080656	.2354703	22.79293	.9651544	2.451620	2.354573
#3	10.00655	.2563266	25.00257	.9545849	2.445733	2.576399

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.03617	2.446139	1.214592	2.400913	2.486311	4.873453
Stddev	1.21791	.004136	.002076	.115603	.013070	.004233
%RSD	5.066975	.1690980	.1709291	4.814973	.5256780	.0868570

#1	23.79445	2.450019	1.213839	2.368947	2.473846	4.876112
#2	22.95726	2.446611	1.216939	2.304656	2.499912	4.868572
#3	25.35682	2.441787	1.212997	2.529136	2.485176	4.875676

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960481	5.016624	4.870288	4.878490	4.671549	4.739809
Stddev	.246170	.002476	.012643	.010190	.205539	.227357
%RSD	4.962626	.0493549	.2595865	.2088754	4.399812	4.796758

#1	5.146191	5.016146	4.855744	4.872317	4.645801	4.711457
#2	4.681256	5.019305	4.876467	4.872900	4.480097	4.527957
#3	5.053995	5.014423	4.878652	4.890251	4.888749	4.980012



Sample Name: CCV03 Acquired: 10/14/2019 16:01:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823326	F 2.552552	5.104622	1.299306	5.140597	24.94317
Stddev	.234057	.006925	.233649	.005872	.231046	.92856
%RSD	4.852602	.2712950	4.577197	.4519111	4.494530	3.722682
#1	4.792002	2.549613	4.862927	1.299407	4.906129	23.92383
#2	4.606509	2.547580	5.121645	1.293384	5.147600	25.16489
#3	5.071468	2.560461	5.329293	1.305126	5.368061	25.74080

Elem	K_7664
Units	ppm
Avg	F 25.86966
Stddev	.84388
%RSD	3.262040
#1	24.93257
#2	26.10688
#3	26.56955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.030	26644.52	5847.698	1465.130	1885.851
Stddev	5.322	92.83	289.492	7.727	5.956
%RSD	.2909571	.3484158	4.950523	.5273665	.3158316
#1	1826.615	26648.35	5626.222	1473.919	1882.077
#2	1825.344	26549.83	6175.269	1462.064	1882.759
#3	1835.131	26735.38	5741.602	1459.407	1892.717



Sample Name: CCB03 Acquired: 10/14/2019 16:05:37 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000334	.0042118	-.000934	.0017013	-.011741
Stddev	.002715	.000459	.0011133	.000954	.0011098	.005749
%RSD	7183.801	137.3698	26.43200	102.1443	65.23446	48.96310

#1	.003094	.000011	.0029285	-.001356	.0009068	-.005601
#2	-.001719	-.000158	.0047888	.000158	.0012277	-.012626
#3	-.001488	-.000855	.0049181	-.001604	.0029694	-.016996

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000214	.0001715	-.003703	-.000794	-.000082	-.000345
Stddev	.000665	.0000306	.009359	.000101	.000443	.000292
%RSD	311.0463	17.84392	252.7716	12.78171	538.9336	84.41738

#1	-.000744	.0002048	-.013880	-.000906	.000241	-.000635
#2	-.000430	.0001648	-.001763	-.000708	.000100	-.000052
#3	.000533	.0001447	.004535	-.000768	-.000588	-.000350

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.041908	-.000222	-.000328	.0010106	.0025053	-.000562
Stddev	.028813	.000830	.000665	.0038890	.0004766	.001385
%RSD	68.75409	374.2425	202.7010	384.8307	19.02307	246.5583

#1	-.063464	-.000822	-.000649	-.001174	.0025417	.000729
#2	-.009182	-.000568	-.000771	-.001295	.0029627	-.002026
#3	-.053077	.000725	.000437	.005501	.0020116	-.000389

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024300	.0012592	F -.011578	.0011801	.0022952	-.003809
Stddev	.0005219	.0001898	.001268	.0007222	.0006103	.001073
%RSD	21.47525	15.07573	10.95558	61.20012	26.58879	28.16681

#1	.0029346	.0014710	-.013022	.0019058	.0027861	-.004282
#2	.0018924	.0012024	-.011070	.0004614	.0024877	-.004564
#3	.0024630	.0011043	-.010642	.0011732	.0016119	-.002581



Sample Name: CCB03 Acquired: 10/14/2019 16:05:37 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.000053	F -.020586	-.001577	.0029309	F -.081445
Stddev	.000133	.000093	.014356	.000760	.0027657	.013970
%RSD	450.3844	176.2210	69.73636	48.18745	94.36556	17.15323

#1	.000051	-.000026	-.011362	-.001317	-.000239	-.094265
#2	.000043	.000024	-.037126	-.000982	.004852	-.083516
#3	-.000183	-.000156	-.013269	-.002434	.004179	-.066555

Elem	K_7664
Units	ppm
Avg	F .0640543
Stddev	.0206196
%RSD	32.19077

#1	.0551558
#2	.0493783
#3	.0876290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.325	27428.24	5757.873	1523.697	2044.922
Stddev	4.337	26.75	40.082	9.245	8.053
%RSD	.2313778	.0975248	.6961229	.6067794	.3937813

#1	1879.271	27398.35	5799.315	1526.886	2053.779
#2	1872.530	27449.92	5719.306	1513.279	2038.042
#3	1871.174	27436.45	5754.999	1530.925	2042.945



Sample Name: K5323-03DUP Acquired: 10/14/2019 16:09:42 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2144597	-.122583	14.36747	-.106424	.1600980	239.5314
Stddev	.0071360	.004488	.16043	.006269	.0032278	3.3775
%RSD	3.327455	3.661488	1.116610	5.890850	2.016140	1.410066

#1	.2092769	-.126929	14.52979	-.107044	.1596540	236.7596
#2	.2115034	-.117964	14.20900	-.099867	.1571152	238.5411
#3	.2225988	-.122857	14.36362	-.112360	.1635249	243.2933

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.414790	.1798973	165.3246	2.644277	1.645479	7.493847
Stddev	.056971	.0053288	1.9342	.008370	.018833	.072462
%RSD	1.052137	2.962144	1.169911	.3165139	1.144539	.9669530

#1	5.376454	.1860357	164.0631	2.653789	1.664862	7.458597
#2	5.387661	.1764590	164.3592	2.641004	1.627249	7.445755
#3	5.480255	.1771971	167.5514	2.638039	1.644326	7.577190

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.29945	F 12.68702	.0429083	.3827565	F 41.71427	4.999034
Stddev	.71790	.13721	.0037256	.0080776	.26579	.049588
%RSD	1.456206	1.081462	8.682581	2.110380	.6371580	.9919537

#1	48.70103	12.82625	.0386257	.3793210	41.76757	5.034342
#2	49.10187	12.55193	.0446971	.3769646	41.94937	4.942342
#3	50.09545	12.68290	.0454021	.3919840	41.42588	5.020419

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611723	.5894843	16.90910	4.674612	6.190697	.2433655
Stddev	.0780572	.0088155	.14521	.035266	.080663	.0050239
%RSD	29.88724	1.495461	.8587452	.7544192	1.302974	2.064350

#1	.1711105	.5950309	17.00478	4.701669	6.148562	.2412872
#2	.3031074	.5793192	16.74201	4.634727	6.139827	.2397141
#3	.3092989	.5941029	16.98050	4.687439	6.283702	.2490950



Sample Name: K5323-03DUP Acquired: 10/14/2019 16:09:42 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.543555	-.007790	4.221918	F 38.31671	F 1016.687	F 13.80625
Stddev	.014853	.004952	.162558	.11717	34.224	.42671
%RSD	.9622530	63.57453	3.850332	.3057826	3.366237	3.090694

#1	1.533676	-.002088	4.035648	38.32721	977.721	13.31774
#2	1.536353	-.011017	4.294984	38.19465	1030.469	13.99485
#3	1.560636	-.010264	4.335122	38.42827	1041.872	14.10617

Elem	K_7664
Units	ppm
Avg	F 26.46321
Stddev	.73533
%RSD	2.778700

#1	25.61689
#2	26.82697
#3	26.94576

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.028	28156.81	6341.025	1533.422	2180.861
Stddev	24.348	39.39	168.950	10.809	20.909
%RSD	1.282829	.1398830	2.664399	.7049076	.9587683

#1	1871.674	28200.74	6148.792	1537.967	2157.385
#2	1919.687	28145.02	6465.934	1521.083	2197.485
#3	1902.722	28124.67	6408.348	1541.218	2187.713



Sample Name: K5323-03LX5 Acquired: 10/14/2019 16:13:28 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449769	-.032491	3.574227	-.000173	.0421683	52.48939
Stddev	.0019885	.001040	.014798	.002104	.0018121	4.32534
%RSD	4.421162	3.201333	.4140068	1219.064	4.297308	8.240411

#1	.0434964	-.033439	3.567830	.001761	.0419013	48.94306
#2	.0441972	-.032657	3.563703	-.002414	.0440990	51.21686
#3	.0472371	-.031378	3.591146	.000136	.0405044	57.30824

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.212552	.0388624	38.07752	.6113580	.4019443	1.733592
Stddev	.108207	.0024891	3.41021	.0123763	.0007554	.137927
%RSD	8.923874	6.404820	8.955963	2.024393	.1879378	7.956149

#1	1.121272	.0367663	35.23081	.5970703	.4016464	1.620871
#2	1.184303	.0382075	37.14467	.6182361	.4013832	1.692513
#3	1.332082	.0416135	41.85708	.6187674	.4028032	1.887392

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34097	3.144165	.0086903	.0902941	12.93868	1.162522
Stddev	1.07847	.007771	.0003638	.0047261	.15653	.003555
%RSD	9.509465	.2471574	4.186158	5.234069	1.209760	.3057792

#1	10.45983	3.137607	.0085341	.0881453	12.76536	1.166428
#2	11.01945	3.142138	.0091061	.0870243	13.06972	1.159476
#3	12.54363	3.152748	.0084307	.0957128	12.98097	1.161662

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0719660	.1246548	3.866390	1.112953	1.409661	.0512814
Stddev	.0095822	.0003606	.005643	.003163	.131432	.0073379
%RSD	13.31495	.2893025	.1459530	.2841749	9.323654	14.30905

#1	.0762831	.1249589	3.869648	1.114255	1.303088	.0456901
#2	.0786302	.1247492	3.869649	1.109347	1.369373	.0485637
#3	.0609847	.1242564	3.859874	1.115258	1.556521	.0595905



Sample Name: K5323-03LX5 Acquired: 10/14/2019 16:13:28 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3465179	-.003251	.5941280	8.737231	F 219.8447	2.698809
Stddev	.0288198	.001363	.0289069	.003879	6.6605	.130143
%RSD	8.316986	41.92346	4.865437	.0443966	3.029628	4.822250

#1	.3233785	-.001749	.5707111	8.738943	212.8791	2.561144
#2	.3373750	-.003596	.5852368	8.739960	220.5038	2.715453
#3	.3788001	-.004409	.6264361	8.732791	226.1511	2.819829

Elem	K_7664
Units	ppm
Avg	5.173963
Stddev	.153519
%RSD	2.967144

#1	5.035730
#2	5.146973
#3	5.339188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.515	27256.80	5771.048	1542.054	2030.199
Stddev	1.595	284.06	318.692	11.137	2.549
%RSD	.0850696	1.042155	5.522247	.7222212	.1255742

#1	1875.259	27582.07	6006.724	1554.532	2032.612
#2	1875.601	27130.71	5897.970	1533.121	2030.455
#3	1872.684	27057.61	5408.451	1538.510	2027.532



Sample Name: K5323-03MSD Acquired: 10/14/2019 16:21:05 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9632344	1.349139	14.64620	1.569411	.3053910	247.4808
Stddev	.0031134	.002827	.09940	.004833	.0057879	8.6503
%RSD	.3232206	.2095678	.6786901	.3079698	1.895242	3.495352

#1	.9656636	1.345945	14.73927	1.566408	.3113785	237.4965
#2	.9643150	1.351321	14.65783	1.566838	.3049686	252.7242
#3	.9597248	1.350151	14.54149	1.574986	.2998259	252.2217

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.514618	.3353688	165.2439	2.912385	1.742692	7.274103
Stddev	.167239	.0056514	5.5412	.006643	.011432	.237524
%RSD	3.032644	1.685115	3.353329	.2280912	.6559804	3.265341

#1	5.321836	.3289925	158.8490	2.914913	1.751419	6.999839
#2	5.601256	.3397589	168.2575	2.917394	1.746905	7.409616
#3	5.620762	.3373549	168.6250	2.904850	1.729751	7.412852

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.42325	F 12.71499	.1086040	.6560267	F 40.50437	9.609795
Stddev	1.92413	.09780	.0022997	.0227063	.26091	.028337
%RSD	3.601669	.7691695	2.117539	3.461181	.6441631	.2948805

#1	51.20155	12.79400	.1060475	.6299487	40.64154	9.605044
#2	54.55172	12.74536	.1092600	.6667137	40.66809	9.584134
#3	54.51647	12.60561	.1105044	.6714175	40.20349	9.640208

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4276820	.9151568	23.49396	5.071130	7.129841	.4495350
Stddev	.0207552	.0023950	.53318	.008936	.231206	.0172298
%RSD	4.852941	.2617031	2.269417	.1762074	3.242787	3.832800

#1	.4042906	.9159126	23.00386	5.067897	6.866952	.4300089
#2	.4348600	.9124751	23.41631	5.064260	7.221000	.4559944
#3	.4438954	.9170828	24.06170	5.081232	7.301571	.4626017



Sample Name: K5323-03MSD Acquired: 10/14/2019 16:21:05 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.776307	.1600717	6.015718	F 37.00373	F 1004.296	F 16.67807
Stddev	.055199	.0012313	.138747	.07488	16.809	.22036
%RSD	3.107516	.7692407	2.306404	.2023658	1.673689	1.321278

#1	1.712568	.1599135	5.861467	36.91779	985.210	16.43464
#2	1.808216	.1589272	6.055351	37.05498	1010.788	16.73561
#3	1.808136	.1613745	6.130335	37.03842	1016.891	16.86395

Elem	K_7664
Units	ppm
Avg	F 37.74961
Stddev	.52395
%RSD	1.387958

#1	37.14909
#2	37.98626
#3	38.11350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.959	27614.49	6316.837	1540.032	2153.708
Stddev	17.292	17.52	110.339	10.445	15.996
%RSD	.9222683	.0634372	1.746741	.6782611	.7427365

#1	1857.136	27594.30	6444.015	1532.590	2138.749
#2	1876.074	27625.62	6246.629	1535.532	2151.804
#3	1891.667	27623.55	6259.865	1551.973	2170.571



Sample Name: K5323-03A Acquired: 10/14/2019 16:24:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9783207	1.361981	14.70108	1.575752	.3027502	246.2756
Stddev	.0008397	.006353	.05961	.007150	.0028834	7.7779
%RSD	.0858302	.4664862	.4055063	.4537412	.9524056	3.158209

#1	.9789722	1.366968	14.71286	1.584006	.3058584	237.4424
#2	.9786168	1.364147	14.63646	1.571482	.3022295	249.2861
#3	.9773731	1.354828	14.75392	1.571767	.3001626	252.0982

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.491172	.3386087	166.4427	2.891437	1.748340	7.292959
Stddev	.151747	.0007332	4.7897	.031817	.006574	.218809
%RSD	2.763463	.2165466	2.877694	1.100373	.3760232	3.000283

#1	5.318695	.3377795	160.9853	2.907715	1.749764	7.044332
#2	5.550655	.3388748	168.3944	2.854775	1.741171	7.378335
#3	5.604166	.3391717	169.9485	2.911821	1.754086	7.456209

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.73256	F 12.76504	.1086035	.6561783	F 40.20385	9.613930
Stddev	1.49010	.05424	.0026954	.0192957	.28193	.003824
%RSD	2.880384	.4249426	2.481850	2.940613	.7012457	.0397742

#1	50.05769	12.78283	.1055239	.6339182	40.48051	9.613669
#2	52.22871	12.70414	.1105331	.6681380	39.91693	9.610243
#3	52.91129	12.80816	.1097536	.6664787	40.21412	9.617877

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3990937	.9197014	26.41949	5.034380	6.901336	.4431302
Stddev	.0261500	.0018489	.06985	.007322	.188141	.0142562
%RSD	6.552350	.2010276	.2643897	.1454486	2.726149	3.217147

#1	.3734581	.9218354	26.46623	5.031345	6.685760	.4268403
#2	.3980937	.9186867	26.33919	5.029063	6.985839	.4492215
#3	.4257294	.9185821	26.45304	5.042732	7.032408	.4533288



Sample Name: K5323-03A Acquired: 10/14/2019 16:24:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.781519	.1597706	4.150238	F 37.00117	F 1001.160	F 16.52694
Stddev	.050120	.0033838	.065742	.01861	22.077	.34388
%RSD	2.813346	2.117923	1.584050	.0503080	2.205117	2.080746

#1	1.724999	.1631000	4.074348	36.98189	976.310	16.13284
#2	1.799003	.1598769	4.186598	37.01904	1008.663	16.68188
#3	1.820556	.1563349	4.189767	37.00257	1018.508	16.76608

Elem	K_7664
Units	ppm
Avg	F 36.82502
Stddev	.88943
%RSD	2.415297

#1	35.82686
#2	37.11470
#3	37.53350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.259	27841.92	6269.399	1545.886	2139.604
Stddev	5.131	205.20	43.232	7.008	7.408
%RSD	.2752377	.7370267	.6895769	.4533393	.3462419

#1	1859.907	27745.68	6319.314	1537.802	2136.985
#2	1869.917	28077.55	6245.066	1549.616	2147.966
#3	1862.953	27702.53	6243.817	1550.240	2133.861



Sample Name: K5323-07 Acquired: 10/14/2019 16:28:29 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1882413	-.125726	8.058033	-.042333	.0632035	220.6808
Stddev	.0058693	.002092	.026736	.007031	.0050899	12.7181
%RSD	3.117963	1.663866	.3317888	16.61006	8.053221	5.763106

#1	.1858767	-.127843	8.035069	-.049635	.0664370	205.9954
#2	.1839232	-.125675	8.051647	-.041755	.0658371	227.9710
#3	.1949241	-.123660	8.087384	-.035608	.0573364	228.0761

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.369500	.0988454	465.0543	1.862447	1.001732	5.369262
Stddev	.237032	.0041578	26.0402	.055929	.000789	.302476
%RSD	5.424703	4.206377	5.599391	3.002974	.0787582	5.633480

#1	4.095812	.0940753	434.9858	1.797874	1.000974	5.020182
#2	4.504006	.1007595	480.0007	1.893906	1.002549	5.553766
#3	4.508682	.1017014	480.1763	1.895563	1.001673	5.533839

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.48176	F 7.376017	.0130653	.4475877	26.75790	5.101579
Stddev	2.56716	.020782	.0003652	.0254669	.88280	.020068
%RSD	5.771262	.2817492	2.795127	5.689811	3.299222	.3933718

#1	41.51905	7.362893	.0134219	.4186695	25.74355	5.079716
#2	45.87919	7.365181	.0130819	.4666693	27.35260	5.119162
#3	46.04705	7.399977	.0126921	.4574242	27.17756	5.105859

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119489	.3428658	28.04615	2.314614	6.326824	.2498285
Stddev	.040986	.0009348	.06605	.009384	.334253	.0156241
%RSD	34.30119	.2726556	.2355054	.4054318	5.283111	6.253934

#1	-.073046	.3426586	27.97734	2.312746	5.941275	.2317896
#2	-.150594	.3438868	28.05208	2.306304	6.535055	.2585964
#3	-.134827	.3420519	28.10904	2.324791	6.504143	.2590994



Sample Name: K5323-07 Acquired: 10/14/2019 16:28:29 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.594018	.0048366	7.932833	F 18.24624	F 759.1893	F 13.41708
Stddev	.140260	.0018216	.108928	.00639	13.7783	.24037
%RSD	5.407056	37.66245	1.373127	.0350234	1.814865	1.791533
#1	2.432088	.0067465	7.820251	18.23917	743.6410	13.15007
#2	2.677591	.0046447	7.940552	18.24792	764.0430	13.48494
#3	2.672375	.0031185	8.037696	18.25162	769.8838	13.61623

Elem	K_7664
Units	ppm
Avg	F 26.97086
Stddev	.43784
%RSD	1.623394
#1	26.46939
#2	27.16584
#3	27.27734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.672	28129.28	6474.784	1552.291	2002.327
Stddev	5.826	769.76	250.828	45.267	6.089
%RSD	.3078068	2.736496	3.873925	2.916161	.3040795
#1	1889.886	29015.38	6763.037	1604.050	2004.777
#2	1899.368	27625.87	6306.216	1520.101	2006.810
#3	1888.763	27746.59	6355.098	1532.720	1995.395



Sample Name: PB123936BL Acquired: 10/14/2019 16:36:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003432	-.000910	.0038938	.0002732	-.001178	-.015585
Stddev	.002467	.001496	.0017499	.0012540	.002067	.002728
%RSD	71.88483	164.4270	44.94014	458.9702	175.4324	17.50149

#1	-.006204	-.000262	.0051037	-.000414	-.000525	-.018675
#2	-.002613	.000153	.0018873	.001721	-.003493	-.013511
#3	-.001478	-.002620	.0046903	-.000487	.000484	-.014569

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000613	.0000759	-.010434	-.000267	-.000161	-.000282
Stddev	.000428	.0000955	.002508	.000264	.000411	.000423
%RSD	69.85574	125.7937	24.03145	98.59885	254.4632	150.0452

#1	-.001107	.0001654	-.012945	-.000105	-.000634	-.000423
#2	-.000359	-.000025	-.007930	-.000126	.000115	.000194
#3	-.000372	.000087	-.010428	-.000572	.000034	-.000616

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006986	-.000144	.0000634	.0019358	.0034752	.0009821
Stddev	.035418	.000272	.0007884	.0029928	.0003390	.0027209
%RSD	506.9694	188.9336	1242.536	154.6044	9.754709	277.0482

#1	.010001	.000169	-.000698	.0008278	.0037818	.0038676
#2	.016738	-.000320	.000877	.0053247	.0035327	-.001537
#3	-.047697	-.000281	.000011	-.000345	.0031111	.000616

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003250	-.000268	-.005069	-.000239	.0020622	-.003603
Stddev	.001288	.000258	.006623	.001141	.0004833	.001031
%RSD	39.64208	96.38782	130.6505	478.2557	23.43472	28.62031

#1	-.002565	-.000125	.000310	.000960	.0022452	-.004327
#2	-.002449	-.000565	-.003051	-.000364	.0024274	-.004061
#3	-.004736	-.000112	-.012466	-.001312	.0015142	-.002423



Sample Name: PB123936BL Acquired: 10/14/2019 16:36:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000217	-.008346	-.001768	.0017551	F -.126141
Stddev	.000161	.000025	.015529	.000486	.0083625	.012034
%RSD	215.1733	11.34483	186.0773	27.49500	476.4627	9.539914

#1	.000073	-.000194	-.008603	-.001815	-.002584	-.124606
#2	-.000247	-.000215	-.023744	-.002228	-.003546	-.138869
#3	-.000050	-.000243	.007311	-.001259	.011395	-.114948

Elem	K_7664
Units	ppm
Avg	F -.016493
Stddev	.022851
%RSD	138.5490

#1	-.016303
#2	.006262
#3	-.039438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.811	27175.54	5740.169	1538.804	2056.062
Stddev	15.598	163.16	24.556	6.503	12.264
%RSD	.8297549	.6003982	.4277947	.4225990	.5964837

#1	1865.151	26990.95	5767.871	1534.692	2042.218
#2	1878.079	27300.50	5731.554	1535.418	2060.402
#3	1896.202	27235.15	5721.081	1546.301	2065.566



Sample Name: PB123936TB Acquired: 10/14/2019 16:40:18 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004268	-.003161	-.001905	.0033908	.0004574	-.013570
Stddev	.001321	.003851	.001086	.0032489	.0031607	.008453
%RSD	30.95139	121.8315	57.00388	95.81594	690.9844	62.29141

#1	-.003240	-.007554	-.002228	.0054182	-.000449	-.023188
#2	-.003806	-.000362	-.002792	.0051106	-.002151	-.010201
#3	-.005758	-.001568	-.000694	-.000357	.003972	-.007321

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000843	-.000023	.0072693	-.000080	-.000131	-.000200
Stddev	.000238	.000231	.0125429	.000183	.000228	.000335
%RSD	28.21186	1014.183	172.5460	229.6188	174.3973	167.6949

#1	-.000694	-.000060	.0216816	-.000064	-.000265	-.000003
#2	-.000717	.000225	-.001177	.000095	-.000260	-.000009
#3	-.001117	-.000233	.001303	-.000270	.000133	-.000586

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027630	.0013144	.0002944	.0026848	.0118734	.0007431
Stddev	.018870	.0002509	.0003632	.0022188	.0003747	.0019587
%RSD	68.29420	19.09151	123.3740	82.64471	3.155520	263.5833

#1	-.020196	.0014277	.0000730	.0018565	.0116029	.0025840
#2	-.013609	.0010268	.0000966	.0051986	.0117164	-.001315
#3	-.049084	.0014887	.0007135	.0009993	.0123011	.000961

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016078	-.000256	.0035728	.0000993	-.000355	-.003944
Stddev	.0006364	.000250	.0064125	.0011803	.000807	.001278
%RSD	39.58106	97.66103	179.4809	1188.299	227.0461	32.39223

#1	.0009414	-.000425	.0105050	-.000764	.000064	-.005416
#2	.0016727	.000031	-.002147	.001444	-.001285	-.003288
#3	.0022092	-.000374	.002360	-.000382	.000155	-.003128



Sample Name: PB123936TB Acquired: 10/14/2019 16:40:18 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000404	-.000197	F -.010100	-.001491	.0047637	F 146.6899
Stddev	.0001097	.000078	.024610	.000777	.0063343	5.7225
%RSD	271.5890	39.68715	243.6621	52.13012	132.9699	3.901092

#1	.0000594	-.000220	-.033863	-.002216	.0087028	140.1094
#2	.0001394	-.000110	-.011714	-.000671	.0081314	149.4608
#3	-.000078	-.000262	.015277	-.001586	-.002543	150.4995

Elem	K_7664
Units	ppm
Avg	F .0255253
Stddev	.0195074
%RSD	76.42384

#1	.0447820
#2	.0057765
#3	.0260174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.357	25990.02	5786.978	1435.694	1906.395
Stddev	10.935	166.94	153.398	15.687	17.800
%RSD	.6036815	.6423244	2.650747	1.092643	.9337122

#1	1811.256	25802.08	5963.093	1421.838	1901.145
#2	1822.342	26046.88	5715.310	1432.518	1926.229
#3	1800.473	26121.10	5682.531	1452.726	1891.810



Sample Name: K5148-08 Acquired: 10/14/2019 16:44:20 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006961	-.001813	.0027707	.0081637	.0029267	.0500684
Stddev	.002582	.001114	.0009971	.0034972	.0008593	.0059186
%RSD	37.09081	61.46558	35.98816	42.83906	29.36114	11.82108

#1	-.009809	-.003098	.0034056	.0120334	.0030127	.0478241
#2	-.004774	-.001113	.0032852	.0052289	.0037397	.0567809
#3	-.006300	-.001228	.0016215	.0072289	.0020276	.0456002

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778975	.0001311	8.711339	-.000350	.0041913	.5753499
Stddev	.0029666	.0000441	.322164	.000504	.0000310	.0196119
%RSD	3.808400	33.66237	3.698214	144.0597	.7393028	3.408685

#1	.0747903	.0001464	8.345082	.000060	.0042031	.5528077
#2	.0782022	.0000813	8.838061	-.000196	.0041561	.5847466
#3	.0807000	.0001655	8.950873	-.000912	.0042146	.5884952

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9948152	.0030001	-.000278	.0015692	.0371226	.0042937
Stddev	.0909527	.0001847	.000938	.0020340	.0019277	.0024327
%RSD	9.142673	6.155150	337.5937	129.6182	5.192817	56.65660

#1	.8905743	.0030699	.000021	.0038935	.0391942	.0014892
#2	1.058015	.0031397	-.001328	.0001151	.0353815	.0058331
#3	1.035856	.0027907	.000474	.0006989	.0367922	.0055590

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082011	-.000989	.1362849	-.001148	.0011353	-.003391
Stddev	.0011556	.000367	.0098949	.000220	.0014808	.000984
%RSD	14.09020	37.13589	7.260491	19.16492	130.4279	29.03007

#1	.0073814	-.000582	.1252018	-.000957	.0027428	-.004518
#2	.0095227	-.001090	.1394215	-.001098	-.000173	-.002698
#3	.0076992	-.001296	.1442314	-.001388	.000836	-.002957



Sample Name: K5148-08 Acquired: 10/14/2019 16:44:20 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263264	.0000257	.3585627	.0058502	.3071446	F 172.8029
Stddev	.0010181	.0000229	.0165828	.0014578	.0119401	4.9076
%RSD	3.867071	89.23518	4.624804	24.91812	3.887454	2.839977

#1	.0251881	.0000110	.3428237	.0046160	.3047701	167.5586
#2	.0266414	.0000521	.3569875	.0074586	.2965701	173.5655
#3	.0271498	.0000140	.3758769	.0054761	.3200935	177.2845

Elem	K_7664
Units	ppm
Avg	.4814413
Stddev	.0453944
%RSD	9.428858

#1	.4500941
#2	.4607327
#3	.5334971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.681	26550.60	5765.708	1468.031	1909.431
Stddev	12.204	803.67	74.221	42.243	15.598
%RSD	.6655329	3.026927	1.287288	2.877542	.8168863

#1	1820.656	25829.05	5831.043	1428.029	1896.140
#2	1835.536	27416.75	5685.006	1512.206	1905.551
#3	1844.851	26406.00	5781.076	1463.858	1926.603



Sample Name: PB123923BL Acquired: 10/14/2019 16:48:22 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123923BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001427	.0003993	.0020990	-.003052	.0013995	-.011260
Stddev	.000769	.0011447	.0018466	.002196	.0016076	.003733
%RSD	53.85836	286.6625	87.97727	71.94409	114.8663	33.15532

#1	-.000705	-.000437	.0021321	-.000561	.0005778	-.012582
#2	-.002235	.001704	.0002360	-.003890	.0003689	-.014153
#3	-.001342	-.000069	.0039288	-.004706	.0032519	-.007046

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000350	.0000970	-.010336	-.000460	.0001884	-.000041
Stddev	.001125	.0000724	.005014	.000418	.0000654	.000477
%RSD	321.5975	74.58895	48.50890	90.83124	34.74360	1169.499

#1	-.001524	.0000149	-.009644	.000008	.0002352	-.000516
#2	.000718	.0001513	-.005705	-.000796	.0002163	-.000045
#3	-.000244	.0001249	-.015661	-.000592	.0001136	.000438

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029450	.0002121	-.000593	-.001290	.0021509	-.000053
Stddev	.0219939	.0004327	.000636	.005586	.0004741	.001786
%RSD	746.8217	204.0318	107.2272	432.9237	22.04348	3373.074

#1	-.009878	-.000140	-.000093	-.007134	.0023095	.000096
#2	.028341	.000081	-.001309	.003995	.0016178	.001654
#3	-.009628	.000695	-.000377	-.000731	.0025254	-.001909

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004404	-.000314	F -.010977	-.000897	.0025158	-.003873
Stddev	.000363	.000521	.006651	.001014	.0008918	.001700
%RSD	8.231292	166.1440	60.59031	113.0106	35.44980	43.89574

#1	-.004635	.000157	-.016524	-.000705	.0031941	-.005626
#2	-.004592	-.000224	-.012803	-.001994	.0028476	-.003760
#3	-.003986	-.000874	-.003604	.000007	.0015056	-.002232



Sample Name: PB123923BL Acquired: 10/14/2019 16:48:22 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: PB123923BL Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	-.000372	-.008734	-.002052	.0068179	F -.095859
Stddev	.000123	.000177	.006334	.000456	.0095072	.015741
%RSD	102.5462	47.61794	72.52003	22.24157	139.4449	16.42126

#1	.000017	-.000543	-.001568	-.002172	.0166477	-.114033
#2	-.000158	-.000190	-.013584	-.001548	-.002330	-.086547
#3	-.000220	-.000382	-.011049	-.002437	.006136	-.086995

Elem	K_7664
Units	ppm
Avg	F .0313278
Stddev	.0232531
%RSD	74.22515

#1	.0529512
#2	.0067311
#3	.0343010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.300	27746.83	5799.732	1543.951	2076.853
Stddev	13.487	62.39	13.940	12.044	16.746
%RSD	.7104576	.2248432	.2403552	.7800674	.8063355

#1	1897.163	27745.92	5813.887	1553.179	2071.464
#2	1885.418	27684.91	5786.018	1530.326	2063.464
#3	1912.319	27809.67	5799.290	1548.348	2095.630



Sample Name: CCV04 Acquired: 10/14/2019 16:52:25 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981070	4.969926	4.880636	5.002649	5.025772	9.687053
Stddev	.028918	.026652	.040335	.035200	.018198	.575242
%RSD	.5805549	.5362734	.8264345	.7036348	.3620931	5.938252

#1	4.951133	4.940008	4.838714	4.962444	5.004928	9.024713
#2	4.983230	4.978635	4.884023	5.027923	5.033888	10.06160
#3	5.008848	4.991134	4.919171	5.017580	5.038500	9.97484

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.521218	.2464887	23.77407	.9604810	2.449706	2.446003
Stddev	.539898	.0094425	1.38648	.0054322	.014013	.147101
%RSD	5.670476	3.830807	5.831915	.5655697	.5720197	6.013934

#1	8.897822	.2358691	22.17313	.9544101	2.436525	2.276169
#2	9.828138	.2539382	24.58415	.9648828	2.448169	2.528468
#3	9.837696	.2496588	24.56492	.9621499	2.464424	2.533373

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.93096	2.441413	1.210438	2.409075	2.474622	4.889863
Stddev	1.33004	.015051	.007418	.143888	.007348	.020949
%RSD	5.557802	.6165064	.6128181	5.972745	.2969394	.4284082

#1	22.39793	2.425298	1.203093	2.243578	2.474487	4.872485
#2	24.77726	2.443832	1.217927	2.479108	2.467342	4.883979
#3	24.61768	2.455108	1.210295	2.504539	2.482036	4.913124

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865870	5.015928	4.866621	4.880104	4.702710	4.725649
Stddev	.173923	.031823	.012722	.014919	.271350	.273852
%RSD	3.574352	.6344292	.2614106	.3057015	5.770080	5.795011

#1	4.665961	4.979494	4.868469	4.885738	4.390013	4.409434
#2	4.982454	5.038275	4.853076	4.863189	4.841841	4.884708
#3	4.949196	5.030017	4.878317	4.891386	4.876276	4.882804



Sample Name: CCV04 Acquired: 10/14/2019 16:52:25 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15598 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.830421	F 2.568426	5.113992	1.312683	5.222309	25.29215
Stddev	.274435	.003673	.149158	.008113	.156633	.62427
%RSD	5.681392	.1429958	2.916673	.6180134	2.999303	2.468253
#1	4.513574	2.567540	4.946292	1.321076	5.052165	24.60212
#2	4.984264	2.565277	5.163847	1.304884	5.254258	25.45658
#3	4.993423	2.572461	5.231837	1.312089	5.360504	25.81775

Elem	K_7664
Units	ppm
Avg	F 26.12111
Stddev	.56615
%RSD	2.167386
#1	25.50346
#2	26.24447
#3	26.61541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.519	26849.61	5945.238	1480.681	1896.994
Stddev	7.926	35.64	218.593	6.637	9.295
%RSD	.4301526	.1327420	3.676777	.4482276	.4899756
#1	1851.258	26854.44	6193.735	1473.055	1907.445
#2	1835.796	26811.80	5782.649	1485.155	1893.885
#3	1840.502	26882.59	5859.331	1483.832	1889.653



Sample Name: CCB04 Acquired: 10/14/2019 16:56:07 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004946	.0017695	.0023457	.0012074	.0016494	-.017219
Stddev	.002269	.0006126	.0015322	.0009817	.0021615	.016657
%RSD	45.88335	34.62146	65.32058	81.30571	131.0477	96.74008

#1	-.005251	.0024721	.0034605	.0011763	-.000778	-.035217
#2	-.007047	.0013468	.0005985	.0022043	.003367	-.002345
#3	-.002539	.0014897	.0029781	.0002416	.002359	-.014094

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000719	.0001692	-.004073	-.000491	.0003483	-.000463
Stddev	.000740	.0001062	.020171	.000399	.0000987	.000747
%RSD	102.7953	62.75030	495.2746	81.19756	28.34095	161.3650

#1	-.000147	.0000904	.015559	-.000031	.0002411	-.000832
#2	-.000457	.0002900	-.003033	-.000722	.0004355	-.000953
#3	-.001555	.0001274	-.024744	-.000721	.0003684	.000397

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016695	-.000570	.0000663	.0019501	.0013633	.0003055
Stddev	.048020	.000233	.0005891	.0011596	.0005094	.0042946
%RSD	287.6337	40.76732	888.9654	59.46495	37.36554	1405.951

#1	.035630	-.000777	-.000238	.0010424	.0019397	.0028442
#2	-.058749	-.000319	.000745	.0032564	.0009735	.0027252
#3	-.026966	-.000615	-.000308	.0015514	.0011767	-.004653

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005965	.0010953	-.008073	.0010376	.0018923	-.003923
Stddev	.0009456	.0004980	.005456	.0005242	.0021905	.000253
%RSD	158.5283	45.46442	67.58053	50.51516	115.7578	6.440707

#1	.0015252	.0016112	-.001951	.0016201	.0035020	-.003639
#2	-.000365	.0010574	-.012423	.0008887	-.000602	-.004124
#3	.000629	.0006174	-.009845	.0006040	.002777	-.004006



Sample Name: CCB04 Acquired: 10/14/2019 16:56:07 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15598 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000197	F -.013730	-.002244	-.001741	F -.122305
Stddev	.000095	.000176	.008462	.000992	.008489	.026749
%RSD	578.1018	89.32007	61.63389	44.18425	487.5751	21.87106

#1	.000091	-.000019	-.018842	-.003195	.008058	-.152426
#2	-.000051	-.000370	-.018385	-.001216	-.006859	-.101320
#3	-.000089	-.000201	-.003962	-.002321	-.006423	-.113170

Elem	K_7664
Units	ppm
Avg	F .0312897
Stddev	.0376051
%RSD	120.1836

#1	-.011488
#2	.046223
#3	.059134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.082	27561.51	5798.815	1521.802	2051.198
Stddev	4.332	193.05	79.554	6.152	2.528
%RSD	.2307921	.7004298	1.371900	.4042605	.1232247

#1	1876.606	27375.46	5881.099	1517.533	2053.819
#2	1873.008	27548.19	5722.306	1519.020	2050.999
#3	1881.633	27760.87	5793.041	1528.854	2048.776



Sample Name: K5148-08LX5 Acquired: 10/14/2019 17:00:12 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003586	-.001911	.0033858	.0098272	.0022146	.0554719
Stddev	.001982	.003560	.0004375	.0006036	.0011619	.0153411
%RSD	55.27272	186.3037	12.92129	6.141647	52.46496	27.65570

#1	-.001499	-.005514	.0036034	.0092363	.0032769	.0553548
#2	-.003817	.001603	.0028822	.0104427	.0023930	.0708713
#3	-.005443	-.001821	.0036719	.0098025	.0009738	.0401897

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759642	.0001213	8.509598	-.000129	.0040322	.5627261
Stddev	.0052698	.0000899	.657915	.000599	.0003993	.0429955
%RSD	6.937205	74.06743	7.731443	465.2367	9.904003	7.640569

#1	.0734799	.0000297	8.127170	.000085	.0043281	.5401702
#2	.0820169	.0001250	9.269286	.000334	.0041904	.6123060
#3	.0723957	.0002093	8.132337	-.000805	.0035779	.5357022

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9883027	.0030030	-.000387	-.001044	.0359179	.0048994
Stddev	.1054425	.0003789	.000788	.004430	.0004050	.0016278
%RSD	10.66905	12.61833	203.7688	424.2417	1.127677	33.22503

#1	.9238508	.0028427	-.000120	-.004906	.0357317	.0033160
#2	1.109986	.0034358	-.001274	-.002020	.0363826	.0065683
#3	.931071	.0027306	.000234	.003793	.0356395	.0048137

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077319	-.000850	.1430949	-.000531	.0003307	-.004248
Stddev	.0004984	.000495	.0029764	.000807	.0016768	.001475
%RSD	6.445872	58.28088	2.079990	152.0976	507.0444	34.72713

#1	.0071969	-.000603	.1442590	-.001375	-.001537	-.004757
#2	.0081830	-.000527	.1453133	-.000451	.001707	-.002585
#3	.0078159	-.001420	.1397124	.000234	.000822	-.005401



Sample Name: K5148-08LX5 Acquired: 10/14/2019 17:00:12 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258269	-.000146	.3733820	.0053088	.3033599	F 172.2617
Stddev	.0020879	.000145	.0341702	.0005385	.0172526	4.5995
%RSD	8.084252	99.49716	9.151539	10.14270	5.687161	2.670086

#1	.0246948	-.000127	.3355197	.0057507	.2837284	166.9787
#2	.0282364	-.000300	.4019275	.0047091	.3102419	175.3760
#3	.0245496	-.000011	.3826988	.0054667	.3161092	174.4302

Elem	K_7664
Units	ppm
Avg	.4617628
Stddev	.0553106
%RSD	11.97813

#1	.3983855
#2	.4866143
#3	.5002886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.256	26276.24	5905.214	1454.495	1890.864
Stddev	4.042	128.52	401.274	13.283	7.704
%RSD	.2218378	.4891052	6.795245	.9132102	.4074370

#1	1826.923	26128.78	5947.121	1440.019	1899.555
#2	1820.031	26364.39	5484.631	1457.343	1884.876
#3	1819.816	26335.56	6283.889	1466.122	1888.160



Sample Name: K5148-08DUP Acquired: 10/14/2019 17:04:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009038	-.000941	.0017109	.0011767	.0001673	-.000441
Stddev	.0045462	.000618	.0018125	.0054552	.0022423	.013111
%RSD	502.9829	65.70666	105.9394	463.6161	1340.355	2972.790

#1	.0029655	-.000240	.0029020	.0059405	-.000436	-.000931
#2	-.004308	-.001175	-.000375	-.004774	.002650	-.013300
#3	.004054	-.001408	.002606	.002364	-.001711	.012908

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154489	-.000013	1.786475	-.000504	.0010392	.1195927
Stddev	.0006597	.000068	.066842	.000927	.0002792	.0031445
%RSD	4.270218	534.7089	3.741572	184.1495	26.86387	2.629310

#1	.0148578	-.000083	1.711321	.000270	.0013609	.1165059
#2	.0153284	-.000008	1.839277	-.001531	.0008961	.1227918
#3	.0161606	.000053	1.808827	-.000250	.0008606	.1194802

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2000210	.0004298	-.000132	-.002385	.0072029	.0004586
Stddev	.0123456	.0004070	.000603	.003935	.0002168	.0015335
%RSD	6.172159	94.70940	455.8275	164.9862	3.009214	334.4230

#1	.1884288	.0005178	-.000663	.001097	.0071333	.0014426
#2	.1986317	-.000014	-.000257	-.001598	.0074460	.0012415
#3	.2130024	.000786	.000523	-.006653	.0070296	-.001308

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001679	-.000416	.0221036	-.000989	.0005336	-.003445
Stddev	.001661	.000394	.0038727	.000458	.0014603	.000982
%RSD	98.94169	94.81949	17.52059	46.27758	273.6841	28.51567

#1	-.000490	-.000354	.0228050	-.001144	-.000112	-.004525
#2	-.000970	-.000837	.0179281	-.000474	.002205	-.003203
#3	-.003577	-.000056	.0255776	-.001350	-.000493	-.002606



Sample Name: K5148-08DUP Acquired: 10/14/2019 17:04:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053669	-.000046	.0668334	.0007023	.0612012	F 35.94591
Stddev	.0002104	.000200	.0034462	.0006888	.0123771	.91759
%RSD	3.920469	433.9124	5.156339	98.08505	20.22366	2.552703

#1	.0051243	-.000032	.0693702	.0012943	.0662519	34.91511
#2	.0054991	-.000253	.0629099	.0008662	.0470973	36.24906
#3	.0054773	.000147	.0682201	-.000054	.0702542	36.67357

Elem	K_7664
Units	ppm
Avg	.1172223
Stddev	.0307888
%RSD	26.26536

#1	.0931901
#2	.1519274
#3	.1065492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.691	27358.64	5880.922	1510.466	2015.400
Stddev	4.181	45.56	34.295	2.624	1.619
%RSD	.2229285	.1665313	.5831534	.1737341	.0803290

#1	1870.912	27392.97	5899.820	1507.881	2014.708
#2	1877.482	27306.95	5841.336	1510.388	2017.250
#3	1878.679	27376.01	5901.611	1513.128	2014.243



Sample Name: K5148-08MS Acquired: 10/14/2019 17:08:19 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7756332	1.932468	.9514064	1.910292	.7890107	2.052807
Stddev	.0077313	.009957	.0055141	.010067	.0045657	.143805
%RSD	.9967792	.5152317	.5795692	.5269831	.5786568	7.005282

#1	.7674105	1.921590	.9452811	1.898792	.7839632	1.955473
#2	.7827553	1.941130	.9529637	1.917508	.7902164	1.984965
#3	.7767337	1.934685	.9559743	1.914576	.7928525	2.217983

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2842979	.1916353	9.971829	.3901038	.2011698	.7938575
Stddev	.0178332	.0074320	.687639	.0141891	.0013718	.0517487
%RSD	6.272712	3.878218	6.895814	3.637257	.6819281	6.518642

#1	.2722008	.1901319	9.508260	.3980900	.1995859	.7575018
#2	.2759150	.1850699	9.645335	.3985001	.2019490	.7709668
#3	.3047780	.1997041	10.76189	.3737214	.2019747	.8531039

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.979662	.4894293	.0703822	.3073086	.2300079	5.674400
Stddev	.258629	.0020324	.0020142	.0264126	.0079235	.006754
%RSD	8.679804	.4152523	2.861788	8.594797	3.444905	.1190336

#1	2.789710	.4875467	.0719482	.2846380	.2329805	5.669451
#2	2.875069	.4915840	.0710885	.3009759	.2360152	5.671654
#3	3.274206	.4891570	.0681101	.3363119	.2210279	5.682095

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2826672	.4190540	.1301144	.6904443	.1974184	.1955165
Stddev	.0130187	.0018874	.0023038	.0023853	.0141221	.0127375
%RSD	4.605658	.4504048	1.770599	.3454679	7.153399	6.514770

#1	.2824884	.4168760	.1327636	.6877781	.1903111	.1864701
#2	.2697389	.4200750	.1285806	.6923757	.1882619	.1899967
#3	.2957744	.4202110	.1289990	.6911792	.2136823	.2100829



Sample Name: K5148-08MS Acquired: 10/14/2019 17:08:19 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2319190	.1906251	1.345232	.3103055	3.412009	F 177.3993
Stddev	.0145762	.0003086	.041421	.0007252	.111833	6.0714
%RSD	6.285057	.1619037	3.079108	.2337007	3.277636	3.422456

#1	.2224536	.1902694	1.300845	.3094725	3.290278	170.8556
#2	.2245989	.1908226	1.351996	.3107964	3.435554	178.4922
#3	.2487046	.1907832	1.382855	.3106475	3.510195	182.8500

Elem	K_7664
Units	ppm
Avg	F 10.80681
Stddev	.38569
%RSD	3.568990

#1	10.40199
#2	10.84843
#3	11.17000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.761	26251.41	5688.855	1464.567	1865.821
Stddev	8.686	865.08	218.748	45.937	6.664
%RSD	.4855918	3.295360	3.845194	3.136570	.3571466

#1	1798.743	25739.01	5714.678	1444.677	1873.398
#2	1784.612	25765.02	5893.544	1431.927	1863.193
#3	1782.926	27250.21	5458.342	1517.098	1860.872



Sample Name: K5148-08MSD Acquired: 10/14/2019 17:12:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7728193	1.940768	.9442515	1.922013	.7912297	2.082701
Stddev	.0074182	.008663	.0022697	.001917	.0059106	.102129
%RSD	.9598930	.4463774	.2403704	.0997505	.7470111	4.903678

#1	.7710615	1.942953	.9460920	1.922383	.7881087	1.974569
#2	.7809586	1.931222	.9417154	1.923719	.7875338	2.177522
#3	.7664379	1.948130	.9449471	1.919938	.7980465	2.096011

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2883472	.1943034	10.01162	.4016071	.2017520	.8019962
Stddev	.0143867	.0041611	.48950	.0051356	.0000673	.0392228
%RSD	4.989377	2.141520	4.889319	1.278771	.0333607	4.890640

#1	.2732528	.1930797	9.49653	.4073598	.2018296	.7600084
#2	.3019025	.1989391	10.47071	.3974839	.2017157	.8376936
#3	.2898861	.1908915	10.06762	.3999775	.2017106	.8082864

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025161	.4884740	.0719005	.3114388	.2343722	5.678767
Stddev	.181927	.0008079	.0012302	.0147037	.0045886	.003263
%RSD	6.013794	.1654015	1.711023	4.721202	1.957807	.0574681

#1	2.840788	.4877328	.0730218	.2981503	.2393957	5.677654
#2	3.204540	.4883540	.0720951	.3272351	.2304016	5.676205
#3	3.030155	.4893352	.0705845	.3089310	.2333193	5.682441

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2866114	.4208578	.1324449	.6905698	.2019295	.1996265
Stddev	.0092027	.0010145	.0016859	.0009540	.0116427	.0128696
%RSD	3.210868	.2410607	1.272874	.1381478	5.765747	6.446854

#1	.2846448	.4200666	.1317466	.6912435	.1890724	.1852961
#2	.2966384	.4205053	.1312204	.6894782	.2117603	.2101987
#3	.2785510	.4220016	.1343677	.6909878	.2049558	.2033847



Sample Name: K5148-08MSD Acquired: 10/14/2019 17:12:14 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2366626	.1912267	1.358089	.3101692	3.465352	F 176.6147
Stddev	.0107907	.0015669	.048328	.0022880	.122220	4.9016
%RSD	4.559543	.8194109	3.558530	.7376694	3.526917	2.775288

#1	.2251963	.1896496	1.303422	.3078239	3.324750	171.0800
#2	.2466187	.1912473	1.375711	.3102884	3.525106	178.3570
#3	.2381727	.1927833	1.395132	.3123953	3.546198	180.4070

Elem	K_7664
Units	ppm
Avg	F 11.04972
Stddev	.36197
%RSD	3.275790

#1	10.63641
#2	11.20248
#3	11.31026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.617	25778.76	5671.773	1449.315	1878.535
Stddev	12.366	306.12	128.985	29.656	13.755
%RSD	.6894177	1.187475	2.274163	2.046230	.7321974

#1	1781.074	25425.79	5726.863	1417.041	1864.418
#2	1793.980	25971.56	5524.391	1475.365	1879.291
#3	1805.798	25938.93	5764.066	1455.541	1891.896



Sample Name: K5148-08A Acquired: 10/14/2019 17:16:09 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7715439	1.936106	.9478484	1.916886	.7918306	2.146539
Stddev	.0031429	.005599	.0040815	.009588	.0035330	.196312
%RSD	.4073522	.2892142	.4306116	.5002117	.4461801	9.145538

#1	.7681922	1.938109	.9494723	1.927169	.7958980	1.974649
#2	.7720146	1.929781	.9432048	1.915299	.7895243	2.104503
#3	.7744249	1.940429	.9508680	1.908190	.7900695	2.360464

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2956975	.1981045	10.20517	.4007038	.2006418	.8155047
Stddev	.0230113	.0102334	.80550	.0019760	.0015451	.0674022
%RSD	7.782046	5.165668	7.893032	.4931300	.7700799	8.265086

#1	.2761479	.1916730	9.50270	.3998252	.2019345	.7589934
#2	.2898877	.1927354	10.02845	.4029668	.2010603	.7974148
#3	.3210569	.2099051	11.08435	.3993196	.1989306	.8901058

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.093978	.4919293	.0723693	.3156314	.2329246	5.681516
Stddev	.240957	.0011213	.0004731	.0225501	.0008407	.006908
%RSD	7.787929	.2279488	.6537280	7.144434	.3609242	.1215849

#1	2.888554	.4906857	.0718536	.2953996	.2338953	5.688172
#2	3.034176	.4928633	.0727832	.3115519	.2324374	5.681996
#3	3.359204	.4922390	.0724712	.3399428	.2324411	5.674381

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2939078	.4212234	.1330676	.6911976	.2064081	.2078563
Stddev	.0150425	.0017308	.0024441	.0018429	.0162548	.0205338
%RSD	5.118097	.4108914	1.836745	.2666245	7.875080	9.878840

#1	.2812429	.4231126	.1307443	.6905339	.1924177	.1910279
#2	.2899458	.4197142	.1356168	.6932804	.2025672	.2018052
#3	.3105347	.4208433	.1328416	.6897784	.2242394	.2307356



Sample Name: K5148-08A Acquired: 10/14/2019 17:16:09 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2418743	.1931820	1.363227	.3134162	3.467891	F 176.2063
Stddev	.0185358	.0014850	.042621	.0018215	.108238	5.8096
%RSD	7.663404	.7687245	3.126494	.5811694	3.121156	3.297066

#1	.2258750	.1936448	1.315558	.3132058	3.353353	169.8335
#2	.2375618	.1943804	1.376463	.3153337	3.481844	177.5779
#3	.2621863	.1915206	1.397660	.3117090	3.568476	181.2073

Elem	K_7664
Units	ppm
Avg	F 10.95156
Stddev	.46289
%RSD	4.226669

#1	10.46524
#2	11.00266
#3	11.38677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.097	25882.29	5531.255	1467.004	1891.990
Stddev	10.747	89.47	242.280	9.467	13.891
%RSD	.5937116	.3456852	4.380204	.6453515	.7341939

#1	1809.253	25920.67	5699.885	1456.402	1894.856
#2	1821.241	25780.03	5640.260	1469.993	1904.224
#3	1799.797	25946.16	5253.620	1474.615	1876.889



Sample Name: K5148-05 Acquired: 10/14/2019 17:20:04 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435803	-.060654	.3523332	-.015591	.0087309	130.1838
Stddev	.0035835	.002839	.0024616	.003929	.0014182	4.1669
%RSD	8.222708	4.681162	.6986556	25.20326	16.24383	3.200817

#1	.0435144	-.058245	.3510006	-.014552	.0076593	125.3884
#2	.0471962	-.063785	.3551738	-.012285	.0081943	132.2400
#3	.0400302	-.059933	.3508252	-.019935	.0103392	132.9229

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5344855	.0015634	47.02078	.1929180	.1081013	3.753520
Stddev	.0174710	.0001867	1.55016	.0105040	.0011315	.119096
%RSD	3.268755	11.93928	3.296748	5.444785	1.046737	3.172917

#1	.5146021	.0015704	45.23708	.2050149	.1089279	3.617748
#2	.5414736	.0013734	47.78298	.1876323	.1068116	3.802473
#3	.5473808	.0017465	48.04227	.1861067	.1085642	3.840338

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.69381	.3078124	-.005289	.4235347	.5128330	5.573467
Stddev	1.58951	.0035769	.001885	.0137647	.0307274	.038613
%RSD	3.264299	1.162026	35.64320	3.249964	5.991689	.6927975

#1	46.86448	.3113053	-.007451	.4078040	.5482910	5.599242
#2	49.47918	.3079749	-.004428	.4333689	.4940002	5.529073
#3	49.73776	.3041571	-.003988	.4294311	.4962078	5.592088

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.315972	.0028537	1.958402	.0040689	3.527143	.1072938
Stddev	.013178	.0006248	.006855	.0004318	.106539	.0046831
%RSD	4.170589	21.89470	.3500305	10.61201	3.020556	4.364705

#1	-.331188	.0022536	1.955024	.0040087	3.405354	.1018865
#2	-.308289	.0028069	1.953891	.0036704	3.572993	.1099528
#3	-.308438	.0035005	1.966290	.0045277	3.603080	.1100422



Sample Name: K5148-05 Acquired: 10/14/2019 17:20:04 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: OR-03-101119 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1288653	-.009239	2.798294	.5018757	F 247.4436	F 10.82346
Stddev	.0039420	.000858	.020591	.0028713	5.5967	.25430
%RSD	3.058982	9.291324	.7358287	.5721201	2.261805	2.349531

#1	.1243727	-.008250	2.808514	.5023553	241.0559	10.53582
#2	.1304775	-.009784	2.811776	.4987948	249.7885	10.91617
#3	.1317456	-.009684	2.774593	.5044771	251.4864	11.01840

Elem	K_7664
Units	ppm
Avg	F 12.76179
Stddev	.35271
%RSD	2.763794

#1	12.37533
#2	12.84370
#3	13.06633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.326	30834.69	6820.273	1739.081	2026.418
Stddev	11.203	1254.28	55.984	70.755	8.664
%RSD	.5156964	4.067769	.8208484	4.068513	.4275325

#1	2169.169	29388.99	6884.417	1657.732	2018.927
#2	2163.041	31482.09	6781.250	1773.193	2024.420
#3	2184.768	31632.99	6795.151	1786.317	2035.906



Sample Name: K5160-03 Acquired: 10/14/2019 17:23:57 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CSA-3-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359263	-.125692	.5416988	-.030848	.0094949	154.5401
Stddev	.0025462	.003025	.0023136	.002530	.0027317	5.1943
%RSD	7.087427	2.406531	.4270992	8.200453	28.77015	3.361133

#1	.0336841	-.123514	.5407013	-.032649	.0094772	148.7288
#2	.0354002	-.124416	.5443438	-.031939	.0122353	156.1605
#3	.0386944	-.129146	.5400513	-.027956	.0067720	158.7311

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8445977	.0017880	35.61363	.2953376	.1654835	4.936167
Stddev	.0275701	.0000854	1.20539	.0133331	.0007670	.156135
%RSD	3.264285	4.774030	3.384623	4.514529	.4634953	3.163079

#1	.8140480	.0018713	34.29179	.3019816	.1646159	4.761823
#2	.8521175	.0017007	35.89704	.2799880	.1657628	4.983574
#3	.8676278	.0017920	36.65205	.3040433	.1660716	5.063104

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.06723	.4580136	-.009123	.3899118	.7365044	8.266111
Stddev	2.61241	.0019490	.001998	.0086157	.0381037	.027357
%RSD	3.480091	.4255272	21.89450	2.209665	5.173589	.3309477

#1	72.16899	.4557776	-.010842	.3799779	.7545418	8.236614
#2	75.79192	.4593526	-.006932	.3953472	.6927311	8.271072
#3	77.24079	.4589104	-.009597	.3944101	.7622403	8.290648

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.430841	.0028405	.7014936	.2025733	7.582323	.1647899
Stddev	.011792	.0003827	.0056356	.0002290	.226931	.0065563
%RSD	2.737008	13.47146	.8033694	.1130647	2.992894	3.978607

#1	-.438265	.0027457	.7074563	.2023583	7.330988	.1583243
#2	-.417244	.0032616	.6962552	.2025476	7.643798	.1646122
#3	-.437015	.0025140	.7007692	.2028142	7.772182	.1714334



Sample Name: K5160-03 Acquired: 10/14/2019 17:23:57 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CSA-3-2 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554894	-.010177	4.538199	.7087895	F 304.4353	F 19.36270
Stddev	.0047792	.001492	.013839	.0019725	6.9217	.52357
%RSD	3.073680	14.66043	.3049520	.2782922	2.273606	2.703994

#1	.1502488	-.008490	4.546810	.7100944	296.6041	18.76000
#2	.1566121	-.010717	4.522235	.7065204	306.9675	19.62296
#3	.1596074	-.011324	4.545551	.7097538	309.7342	19.70513

Elem	K_7664
Units	ppm
Avg	F 45.77323
Stddev	1.23141
%RSD	2.690233

#1	44.35251
#2	46.43322
#3	46.53396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.657	31182.64	6745.773	1754.965	1990.141
Stddev	9.458	1261.54	63.980	67.481	9.328
%RSD	.4459852	4.045651	.9484437	3.845148	.4687320

#1	2130.163	30459.61	6807.120	1720.499	2000.890
#2	2111.248	32639.33	6750.748	1832.719	1984.163
#3	2120.560	30448.99	6679.451	1711.678	1985.370



Sample Name: K5160-05 Acquired: 10/14/2019 17:27:49 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CSA-3-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521337	-.166394	.3109346	-.040555	.0091368	203.1022
Stddev	.0049556	.002341	.0024537	.004358	.0048025	11.9894
%RSD	9.505579	1.406714	.7891388	10.74490	52.56194	5.903118

#1	.0551083	-.169064	.3108982	-.039984	.0065845	192.7057
#2	.0464130	-.165427	.3084993	-.045170	.0146766	200.3835
#3	.0548798	-.164693	.3134063	-.036511	.0061494	216.2175

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.508296	.0032051	46.70036	.4405961	.1909995	8.251357
Stddev	.089212	.0003044	2.68506	.0105071	.0007068	.467926
%RSD	5.914770	9.496832	5.749541	2.384747	.3700431	5.670893

#1	1.430206	.0030539	44.38464	.4284697	.1906177	7.847495
#2	1.489159	.0030060	46.07281	.4469939	.1905658	8.142441
#3	1.605524	.0035555	49.64361	.4463246	.1918151	8.764135

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.10308	.5701773	-.009594	.5422005	.8590550	8.898203
Stddev	5.37954	.0055978	.000355	.0299205	.0220651	.076954
%RSD	5.904896	.9817616	3.701479	5.518346	2.568530	.8648231

#1	86.36276	.5720244	-.009826	.5120507	.8338822	8.942165
#2	89.99666	.5638894	-.009770	.5426645	.8750494	8.809347
#3	96.94980	.5746182	-.009185	.5718863	.8682334	8.943098

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.570973	.0082048	1.343488	-.001307	10.29037	.1925226
Stddev	.038952	.0008715	.015635	.001903	.58925	.0139594
%RSD	6.822020	10.62183	1.163744	145.6351	5.726226	7.250759

#1	-.556968	.0082219	1.358463	-.002887	9.78428	.1809916
#2	-.540960	.0073249	1.327268	.000806	10.14956	.1885342
#3	-.614991	.0090676	1.344732	-.001839	10.93727	.2080421



Sample Name: K5160-05 Acquired: 10/14/2019 17:27:49 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CSA-3-1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2349725	-.013232	4.880177	.7270044	F 394.4540	F 19.24826
Stddev	.0141304	.001753	.044112	.0033950	11.4588	.65197
%RSD	6.013648	13.24514	.9039079	.4669788	2.904970	3.387180

#1	.2229040	-.011351	4.831364	.7282670	381.9179	18.55755
#2	.2314972	-.013525	4.917187	.7231591	397.0561	19.33426
#3	.2505164	-.014819	4.891980	.7295872	404.3879	19.85296

Elem	K_7664
Units	ppm
Avg	F 58.45177
Stddev	2.07952
%RSD	3.557671

#1	56.15102
#2	59.00687
#3	60.19740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.159	31149.82	6684.062	1754.676	1984.639
Stddev	8.366	611.66	203.929	33.829	9.770
%RSD	.3869146	1.963602	3.050976	1.927938	.4922785

#1	2161.437	31847.55	6795.113	1791.966	1982.173
#2	2170.862	30706.07	6808.365	1725.957	1995.406
#3	2154.177	30895.84	6448.710	1746.106	1976.339



Sample Name: K5335-01 Acquired: 10/14/2019 17:31:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: IDW-GAC2-191 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2785250	-.033168	.0003036	.1173780	.0327746	31.46431
Stddev	.0032934	.005011	.0080333	.0071552	.0019353	.46913
%RSD	1.182430	15.10783	2646.075	6.095883	5.905002	1.491006

#1	.2767252	-.036168	-.004184	.1207395	.0345444	30.92276
#2	.2765238	-.027383	.009578	.1091610	.0307080	31.74635
#3	.2823261	-.035952	-.004483	.1222335	.0330713	31.72382

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.659789	.0193357	F 2171.287	.0940841	.1491082	29.95391
Stddev	.081635	.0001003	73.346	.0065115	.0003336	.42973
%RSD	1.442377	.5185745	3.377987	6.920940	.2237245	1.434625

#1	5.565538	.0192398	2086.626	.0906412	.1489440	29.45961
#2	5.705547	.0194398	2211.630	.0900169	.1494921	30.16351
#3	5.708283	.0193276	2215.605	.1015943	.1488885	30.23863

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.35002	.5190320	-.005001	.0852555	.4428235	5.515463
Stddev	.36098	.0019223	.000525	.0023255	.0239295	.029050
%RSD	1.615102	.3703617	10.49401	2.727724	5.403846	.5267051

#1	21.96834	.5212080	-.005108	.0827946	.4294019	5.547320
#2	22.39578	.5183233	-.004431	.0855554	.4286174	5.508633
#3	22.68593	.5175646	-.005464	.0874166	.4704512	5.490436

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2463517	-.004546	22.71281	.1369958	1.480466	.0733139
Stddev	.0034099	.000795	.03579	.0021213	.024596	.0037103
%RSD	1.384164	17.48301	.1575757	1.548447	1.661394	5.060788

#1	.2489532	-.004046	22.73473	.1389353	1.453059	.0693571
#2	.2476106	-.005462	22.73220	.1347304	1.487718	.0767149
#3	.2424913	-.004129	22.67151	.1373218	1.500621	.0738696



Sample Name: K5335-01 Acquired: 10/14/2019 17:31:41 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: IDW-GAC2-191 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.150961	-.000898	3.847489	.7117041	F 35.90789	9.878147
Stddev	.046441	.000123	.037471	.0019754	.58314	.151851
%RSD	1.473867	13.75824	.9738993	.2775640	1.623988	1.537237

#1	3.097399	-.000755	3.887786	.7128094	35.27523	9.730588
#2	3.175488	-.000960	3.813696	.7094235	36.02459	9.869899
#3	3.179996	-.000978	3.840985	.7128796	36.42386	10.03395

Elem	K_7664
Units	ppm
Avg	8.447507
Stddev	.174417
%RSD	2.064719

#1	8.246375
#2	8.539085
#3	8.557062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.497	23376.62	5737.849	1310.044	1532.817
Stddev	3.277	1070.93	28.979	60.036	1.358
%RSD	.1938445	4.581185	.5050498	4.582740	.0885780

#1	1692.793	24030.34	5724.550	1350.842	1531.935
#2	1686.744	23958.81	5717.906	1338.184	1532.135
#3	1691.952	22140.71	5771.091	1241.107	1534.380



Sample Name: K5350-01 Acquired: 10/14/2019 17:35:45 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-209 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3019892	-.047252	.9521307	-.012285	.0098932	60.26759
Stddev	.0022715	.002149	.0013891	.003277	.0022711	4.48490
%RSD	.7521682	4.547546	.1458957	26.67116	22.95576	7.441645

#1	.3042942	-.049487	.9536311	-.015802	.0087863	55.09441
#2	.3019206	-.047067	.9508894	-.011734	.0125055	63.06154
#3	.2997528	-.045201	.9518717	-.009319	.0083878	62.64681

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.739793	.0032905	24.07318	.1665900	.0743780	2.541256
Stddev	.127941	.0000130	1.74832	.0092817	.0005723	.184193
%RSD	7.353816	.3952398	7.262505	5.571572	.7694415	7.248117

#1	1.592127	.0032871	22.05467	.1725461	.0742289	2.328805
#2	1.817500	.0032795	25.11090	.1558955	.0738950	2.656175
#3	1.809752	.0033049	25.05398	.1713284	.0750100	2.638789

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.72250	.2624016	-.002261	.2519691	.8791279	5.008890
Stddev	1.32403	.0009424	.001851	.0179428	.0481324	.014799
%RSD	7.470908	.3591597	81.88258	7.121017	5.475018	.2954466

#1	16.19567	.2615591	-.004188	.2312696	.9050130	5.008772
#2	18.41777	.2622262	-.000496	.2615500	.8235919	4.994151
#3	18.55406	.2634194	-.002098	.2630876	.9087787	5.023747

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268440	.0081915	13.27074	.0519612	2.459337	.0686061
Stddev	.009907	.0003239	.03016	.0007051	.186381	.0065288
%RSD	3.690763	3.954447	.2272689	1.357022	7.578517	9.516375

#1	-.257007	.0078284	13.29202	.0516150	2.244122	.0610682
#2	-.274508	.0084510	13.23623	.0527725	2.567129	.0722707
#3	-.273806	.0082950	13.28398	.0514960	2.566759	.0724792



Sample Name: K5350-01 Acquired: 10/14/2019 17:35:45 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-209 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1391403	-.004715	1.693513	.9650086	F 208.7563	1.832729
Stddev	.0103936	.001137	.046098	.0035774	5.5055	.060752
%RSD	7.469878	24.11229	2.722017	.3707061	2.637300	3.314852

#1	.1271521	-.003432	1.649467	.9617108	202.4992	1.764170
#2	.1456234	-.005116	1.741420	.9645032	210.9115	1.854141
#3	.1446454	-.005597	1.689650	.9688117	212.8583	1.879876

Elem	K_7664
Units	ppm
Avg	5.584218
Stddev	.156079
%RSD	2.794999

#1	5.404013
#2	5.672034
#3	5.676608

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.673	31673.91	6912.330	1764.544	2059.249
Stddev	3.619	1359.14	344.161	63.421	2.826
%RSD	.1707174	4.291041	4.978948	3.594203	.1372352

#1	2118.492	30932.87	7305.915	1734.630	2057.117
#2	2116.791	33242.51	6667.946	1837.390	2058.175
#3	2123.734	30846.35	6763.128	1721.613	2062.454



Sample Name: CCV05 Acquired: 10/14/2019 17:39:38 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA8638 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.974878	4.999893	4.900845	5.012740	5.020778	9.625570
Stddev	.040751	.005551	.017911	.022668	.029567	.518295
%RSD	.8191290	.1110164	.3654663	.4522087	.5888990	5.384562

#1	4.970751	5.002395	4.906936	5.012656	5.011997	9.032610
#2	4.936348	4.993532	4.880684	4.990115	4.996596	9.851850
#3	5.017535	5.003752	4.914917	5.035450	5.053741	9.992250

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.567680	.2488273	23.90024	.9654045	2.465213	2.453527
Stddev	.451981	.0036572	1.16474	.0026216	.010798	.118635
%RSD	4.724041	1.469782	4.873351	.2715541	.4379983	4.835295

#1	9.049318	.2447064	22.56381	.9628378	2.469787	2.317099
#2	9.774295	.2500884	24.43775	.9652980	2.452881	2.511024
#3	9.879426	.2516870	24.69917	.9680778	2.472970	2.532458

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.96982	2.456754	1.220475	2.423819	2.496922	4.918203
Stddev	1.17091	.009544	.001362	.126823	.009345	.015522
%RSD	4.884929	.3884867	.1115895	5.232369	.3742493	.3155942

#1	22.62255	2.463530	1.218902	2.278649	2.486944	4.934655
#2	24.54504	2.445839	1.221270	2.479724	2.505467	4.903820
#3	24.74186	2.460893	1.221251	2.513085	2.498356	4.916134

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927018	5.023602	4.877339	4.902082	4.741399	4.745488
Stddev	.062537	.026629	.006175	.010883	.219402	.241270
%RSD	1.269276	.5300795	.1266043	.2220115	4.627368	5.084196

#1	4.855422	5.023048	4.875729	4.894401	4.489810	4.468299
#2	4.970968	4.997254	4.872128	4.897309	4.841420	4.859876
#3	4.954665	5.050504	4.884159	4.914536	4.892968	4.908289



Sample Name: CCV05 Acquired: 10/14/2019 17:39:38 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA8638 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.851264	F 2.571098	5.050645	1.310921	5.150344	25.04599
Stddev	.229135	.006940	.196304	.007456	.166340	.90046
%RSD	4.723196	.2699110	3.886711	.5687527	3.229681	3.595212
#1	4.587636	2.563778	4.829933	1.304892	4.967801	24.04037
#2	4.963641	2.571934	5.116281	1.319258	5.189872	25.31993
#3	5.002515	2.577582	5.205721	1.308613	5.293359	25.77766

Elem	K_7664
Units	ppm
Avg	F 25.61237
Stddev	.82044
%RSD	3.203299
#1	24.69486
#2	25.86676
#3	26.27547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.667	26687.78	5846.561	1473.662	1893.497
Stddev	8.075	111.09	97.417	8.685	7.011
%RSD	.4384797	.4162500	1.666220	.5893437	.3702647
#1	1839.460	26749.15	5956.513	1473.431	1887.190
#2	1850.616	26559.54	5771.020	1465.095	1901.046
#3	1834.924	26754.64	5812.150	1482.460	1892.255



Sample Name: CCB05 Acquired: 10/14/2019 17:43:19 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB8638 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006405	.0013926	.0003011	-.001052	.0018311	-.019621
Stddev	.002447	.0017496	.0027471	.003423	.0007538	.011698
%RSD	38.20520	125.6363	912.4192	325.2315	41.16748	59.61974

#1	-.003586	.0027786	.0007237	-.002275	.0019376	-.024720
#2	-.007977	-.000573	.0028124	.002814	.0010297	-.027905
#3	-.007654	.001973	-.002633	-.003695	.0025261	-.006239

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001185	.0001439	-.018090	-.000245	.0003819	-.000107
Stddev	.000572	.0000749	.009752	.000233	.0002320	.000495
%RSD	48.24783	52.01065	53.90892	95.05898	60.74631	462.6906

#1	-.001786	.0000797	-.028306	-.000198	.0005607	-.000422
#2	-.001121	.0001259	-.017085	-.000498	.0001198	.000464
#3	-.000648	.0002262	-.008879	-.000039	.0004651	-.000363

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.041037	-.000002	-.000506	.0017032	-.000071	-.001954
Stddev	.007225	.000364	.000457	.0020324	.000566	.001864
%RSD	17.60636	18496.86	90.32554	119.3251	798.5153	95.36078

#1	-.035582	-.000403	-.000891	.0030934	.000278	-.001337
#2	-.038298	.000308	-.000001	.0026455	.000234	-.004048
#3	-.049231	.000089	-.000627	-.000629	-.000724	-.000478

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001207	.0011425	F -.010492	.0008815	.0014701	-.004225
Stddev	.002147	.0001726	.001668	.0005100	.0008238	.001644
%RSD	177.8859	15.10598	15.89694	57.85206	56.03659	38.90977

#1	.000621	.0011912	-.009310	.0014451	.0019125	-.005868
#2	-.000670	.0012856	-.012400	.0004517	.0005196	-.004228
#3	-.003571	.0009508	-.009767	.0007478	.0019781	-.002580



Sample Name: CCB05 Acquired: 10/14/2019 17:43:19 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB8638 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000022	.0026371	-.001650	.0093926	F -.121102
Stddev	.000083	.000159	.0097579	.000804	.0070537	.009773
%RSD	176.5937	725.3219	370.0268	48.75783	75.09816	8.070361

#1	-.000123	.000162	.0095157	-.001450	.0068555	-.131027
#2	.000041	-.000115	-.008531	-.000964	.0173639	-.111488
#3	-.000059	-.000113	.006926	-.002536	.0039584	-.120793

Elem	K_7664
Units	ppm
Avg	F -.018774
Stddev	.016780
%RSD	89.38219

#1	-.025007
#2	-.031545
#3	.000231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.741	27541.85	5849.347	1529.587	2055.977
Stddev	24.061	65.43	29.230	8.552	19.280
%RSD	1.271233	.2375819	.4997108	.5590753	.9377775

#1	1867.081	27596.90	5882.673	1535.286	2034.894
#2	1896.345	27559.15	5828.059	1519.754	2060.324
#3	1914.797	27469.50	5837.307	1533.721	2072.713



Sample Name: K5350-03 Acquired: 10/14/2019 17:47:24 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-11935 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443892	-.039782	.1181964	-.018552	.0081112	106.6388
Stddev	.0093574	.001573	.0008888	.004520	.0005856	9.2212
%RSD	21.08028	3.954601	.7519713	24.36500	7.219013	8.647105

#1	.0352667	-.038599	.1177372	-.016093	.0084764	98.7215
#2	.0439360	-.041568	.1176312	-.023769	.0074358	104.4317
#3	.0539650	-.039181	.1192209	-.015794	.0084214	116.7633

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.344079	.0047745	43.57796	.2229728	.1275552	1.866122
Stddev	.110402	.0004105	3.63265	.0101281	.0002214	.156505
%RSD	8.213979	8.597868	8.335979	4.542292	.1736019	8.386651

#1	1.251906	.0046557	40.57259	.2115222	.1274679	1.732703
#2	1.313897	.0044364	42.54648	.2307574	.1278070	1.827269
#3	1.466433	.0052312	47.61480	.2266389	.1273907	2.038394

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.41609	.3922479	-.000132	.3450482	.9450733	7.246621
Stddev	4.49013	.0031258	.000768	.0305243	.0405720	.028464
%RSD	8.566311	.7969020	582.1964	8.846394	4.293000	.3927832

#1	48.70672	.3955646	.000062	.3206404	.8983931	7.277824
#2	51.13363	.3918228	-.000978	.3352311	.9649767	7.239959
#3	57.40791	.3893564	.000520	.3792732	.9718500	7.222079

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.318227	.0043402	56.05527	-.018792	1.951517	.1801682
Stddev	.026677	.0001555	.54530	.001236	.156048	.0152368
%RSD	8.382909	3.582914	.9727810	6.579593	7.996232	8.456969

#1	-.304540	.0045154	56.44720	-.018377	1.814300	.1677405
#2	-.301171	.0042864	55.43253	-.017816	1.918984	.1755968
#3	-.348969	.0042187	56.28609	-.020182	2.121266	.1971674



Sample Name: K5350-03 Acquired: 10/14/2019 17:47:24 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-11935 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1659342	-.008959	2.910719	.3629622	F 270.3005	1.926421
Stddev	.0134405	.001577	.121187	.0033431	10.8917	.081148
%RSD	8.099905	17.60478	4.163468	.9210574	4.029467	4.212347

#1	.1542327	-.007228	2.771654	.3617859	258.5359	1.834727
#2	.1629558	-.009333	2.993741	.3667345	272.3324	1.955561
#3	.1806141	-.010315	2.966762	.3603664	280.0331	1.988975

Elem	K_7664
Units	ppm
Avg	F 11.74234
Stddev	.45910
%RSD	3.909783

#1	11.21936
#2	11.92875
#3	12.07892

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.364	33357.25	6991.305	1842.302	2036.024
Stddev	18.599	1176.52	327.723	54.567	19.695
%RSD	.8243116	3.527017	4.687582	2.961902	.9673257

#1	2248.525	34710.27	7174.033	1903.352	2020.845
#2	2277.599	32574.97	7186.926	1825.275	2058.280
#3	2242.967	32786.50	6612.956	1798.278	2028.947



Sample Name: K5350-05 Acquired: 10/14/2019 17:51:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-230 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0833396	-.049898	.1686559	-.016578	.0085126	86.78669
Stddev	.0020255	.003068	.0039196	.004449	.0012155	2.40032
%RSD	2.430375	6.148596	2.324018	26.83911	14.27930	2.765768

#1	.0821359	-.049787	.1644107	-.014194	.0098959	84.03208
#2	.0822047	-.053020	.1694196	-.013829	.0076152	87.89825
#3	.0856780	-.046887	.1721375	-.021712	.0080267	88.42974

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.384696	.0036403	43.84016	.2588731	.1227289	1.681700
Stddev	.038707	.0003180	1.20629	.0003837	.0013299	.049990
%RSD	2.795338	8.735641	2.751568	.1482080	1.083611	2.972570

#1	1.340607	.0034532	42.45607	.2589339	.1215628	1.624684
#2	1.400394	.0034602	44.39672	.2584627	.1241773	1.702408
#3	1.413089	.0040075	44.66769	.2592228	.1224465	1.718009

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.88439	.3922982	-.000417	.3011082	.6571141	8.678295
Stddev	1.17418	.0045314	.000606	.0103687	.0021170	.137780
%RSD	2.943967	1.155088	145.4983	3.443510	.3221596	1.587639

#1	38.55742	.3905189	-.001113	.2892005	.6564665	8.599418
#2	40.30688	.3974491	-.000010	.3059833	.6553967	8.837388
#3	40.78887	.3889264	-.000126	.3081409	.6594793	8.598080

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.287340	.0021232	3.392739	.0070573	2.115841	.1177372
Stddev	.013380	.0004381	.052140	.0024062	.058525	.0041607
%RSD	4.656327	20.63358	1.536799	34.09540	2.766058	3.533852

#1	-.302280	.0023357	3.368949	.0080135	2.048302	.1130672
#2	-.283277	.0024145	3.452530	.0088385	2.147593	.1190950
#3	-.276463	.0016194	3.356737	.0043200	2.151628	.1210493



Sample Name: K5350-05 Acquired: 10/14/2019 17:51:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-230 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1336740	-.010155	3.767324	.4093262	F 275.5274	2.728581
Stddev	.0041088	.001177	.088717	.0018726	7.2734	.091919
%RSD	3.073731	11.58617	2.354909	.4574732	2.639824	3.368737

#1	.1289555	-.009089	3.764011	.4073175	267.3501	2.623655
#2	.1356036	-.009959	3.857651	.4096376	277.9574	2.767192
#3	.1364627	-.011418	3.680310	.4110236	281.2748	2.794896

Elem	K_7664
Units	ppm
Avg	F 12.46202
Stddev	.41969
%RSD	3.367772

#1	11.97810
#2	12.68138
#3	12.72657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.726	34175.11	7591.368	1913.127	2024.859
Stddev	21.206	101.12	24.483	7.382	20.127
%RSD	.8926044	.2958803	.3225174	.3858722	.9939739

#1	2371.938	34205.93	7596.340	1919.002	2025.781
#2	2356.670	34062.17	7564.781	1904.840	2004.288
#3	2398.571	34257.23	7612.985	1915.538	2044.509



Sample Name: K5351-01 Acquired: 10/14/2019 17:55:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-CONC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703504	-.085778	.0712583	.0469136	.0336103	99.97545
Stddev	.0029774	.007089	.0063340	.0038530	.0039381	1.79554
%RSD	4.232270	8.264117	8.888826	8.212942	11.71693	1.795984

#1	.0669311	-.082120	.0648739	.0425095	.0309097	97.95215
#2	.0717488	-.081266	.0775407	.0485692	.0381290	100.5951
#3	.0723711	-.093949	.0713604	.0496621	.0317924	101.3791

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6921297	.0006039	F 1991.378	.2414330	.0581095	4.910486
Stddev	.0098424	.0001395	76.293	.0159461	.0010152	.087167
%RSD	1.422047	23.09467	3.831178	6.604775	1.747014	1.775117

#1	.6807677	.0007505	1903.423	.2309038	.0570495	4.810098
#2	.6975856	.0005886	2031.034	.2336159	.0582063	4.954367
#3	.6980359	.0004728	2039.676	.2597793	.0590729	4.966992

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.96296	.2581814	-.018034	.5338319	3.669068	3.373176
Stddev	1.45040	.0031794	.001829	.0079262	.219245	.045525
%RSD	1.909354	1.231457	10.14137	1.484777	5.975483	1.349623

#1	74.29137	.2545323	-.016902	.5247602	3.538741	3.342544
#2	76.70938	.2596576	-.017056	.5394182	3.546270	3.351495
#3	76.88815	.2603544	-.020144	.5373172	3.922192	3.425490

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.177910	.0028819	59.42066	-.023612	5.012231	.1132663
Stddev	.010021	.0006686	.36555	.000591	.070400	.0026351
%RSD	5.632771	23.20072	.6151855	2.504794	1.404564	2.326498

#1	-.172853	.0036534	59.49750	-.024208	4.931871	.1102283
#2	-.171425	.0024707	59.02281	-.023026	5.041789	.1149333
#3	-.189452	.0025216	59.74169	-.023602	5.063034	.1146373



Sample Name: K5351-01 Acquired: 10/14/2019 17:55:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-CONC Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.286762	-.006897	.6070178	.2866756	F 167.3236	5.489886
Stddev	.040215	.000362	.0042285	.0028112	2.4644	.111928
%RSD	1.758585	5.248109	.6965963	.9806142	1.472805	2.038807
#1	2.240640	-.006509	.6109971	.2837734	164.5125	5.363049
#2	2.305149	-.006956	.6074782	.2868674	168.3468	5.531805
#3	2.314495	-.007226	.6025779	.2893859	169.1115	5.574803

Elem	K_7664
Units	ppm
Avg	7.395617
Stddev	.148182
%RSD	2.003652
#1	7.240296
#2	7.411110
#3	7.535443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.019	23953.44	5928.770	1360.164	1604.170
Stddev	12.049	1242.21	14.544	66.110	8.862
%RSD	.6819029	5.185957	.2453176	4.860478	.5524252
#1	1763.944	24696.92	5941.912	1397.945	1602.783
#2	1780.308	24644.01	5913.143	1398.719	1613.643
#3	1756.805	22519.38	5931.255	1283.828	1596.083



Sample Name: K5351-03 Acquired: 10/14/2019 17:59:15 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777477	-.055094	.4111762	-.043421	.0074321	221.6645
Stddev	.0025552	.000667	.0035815	.003919	.0021679	8.4991
%RSD	3.286575	1.211485	.8710384	9.026414	29.16970	3.834200

#1	.0753193	-.055591	.4100687	-.047010	.0075621	212.1445
#2	.0775104	-.054335	.4082793	-.044013	.0052021	224.3605
#3	.0804133	-.055355	.4151807	-.039239	.0095321	228.4886

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.227440	.0052522	15.76815	.2783045	.1469599	6.306493
Stddev	.047063	.0001583	.66834	.0133956	.0015686	.233091
%RSD	3.834280	3.014046	4.238563	4.813285	1.067376	3.696054

#1	1.174090	.0054257	15.00523	.2669937	.1460778	6.041363
#2	1.245152	.0051156	16.04885	.2748225	.1460309	6.398914
#3	1.263078	.0052153	16.25036	.2930972	.1487710	6.479200

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.40963	.4291017	-.003388	.3582462	1.136341	4.272335
Stddev	1.72442	.0015327	.001820	.0145182	.072742	.009260
%RSD	3.490052	.3571911	53.71602	4.052564	6.401435	.2167494

#1	47.45126	.4274261	-.002960	.3438560	1.076875	4.281980
#2	50.07698	.4294459	-.001820	.3579937	1.114700	4.271511
#3	50.70064	.4304330	-.005384	.3728890	1.217447	4.263515

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.465889	.0110724	1.305310	.0165753	2.302959	.2732202
Stddev	.012346	.0003089	.011081	.0004171	.078538	.0143639
%RSD	2.649892	2.789854	.8489036	2.516609	3.410323	5.257248

#1	-.479014	.0107820	1.308160	.0168893	2.212368	.2568440
#2	-.454508	.0113970	1.314688	.0161020	2.351903	.2791313
#3	-.464145	.0110381	1.293083	.0167346	2.344605	.2836854



Sample Name: K5351-03 Acquired: 10/14/2019 17:59:15 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-SOIL Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188197	-.012654	3.620055	.5898631	F 347.4698	1.201252
Stddev	.0045275	.001505	.051079	.0030934	9.5951	.051489
%RSD	3.810402	11.89113	1.410993	.5244258	2.761424	4.286306

#1	.1136043	-.010917	3.580291	.5863052	336.5131	1.141973
#2	.1211142	-.013561	3.677661	.5919164	351.5236	1.226931
#3	.1217406	-.013483	3.602211	.5913677	354.3727	1.234851

Elem	K_7664
Units	ppm
Avg	F 14.76908
Stddev	.40906
%RSD	2.769698

#1	14.29843
#2	14.96976
#3	15.03903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.631	29994.71	6761.687	1694.169	2037.171
Stddev	8.156	1402.19	68.336	104.555	8.607
%RSD	.3810054	4.674805	1.010629	6.171462	.4224884

#1	2134.638	31150.69	6837.993	1783.859	2030.450
#2	2137.336	30398.52	6740.934	1719.312	2034.191
#3	2149.919	28434.92	6706.134	1579.335	2046.872



Sample Name: K5352-03 Acquired: 10/14/2019 18:03:06 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-19-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363373	-.041484	.1082844	-.044604	.0057280	109.7386
Stddev	.0024186	.002917	.0025494	.003450	.0033660	3.3329
%RSD	6.656048	7.032649	2.354371	7.733733	58.76388	3.037146

#1	.0391267	-.043661	.1060133	-.045260	.0059373	105.9471
#2	.0348244	-.042622	.1077979	-.040874	.0089844	111.0630
#3	.0350607	-.038169	.1110420	-.047680	.0022622	112.2058

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8368367	.0045512	11.67405	.1739847	.1216339	7.242618
Stddev	.0251519	.0002320	.36979	.0083500	.0005283	.225862
%RSD	3.005589	5.096330	3.167660	4.799257	.4343612	3.118517

#1	.8089346	.0046166	11.26455	.1811777	.1210572	6.986058
#2	.8438076	.0047435	11.77402	.1759487	.1220946	7.330321
#3	.8577679	.0042936	11.98359	.1648278	.1217499	7.411475

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.39424	.3792900	-.001216	.1911543	.4180869	3.626956
Stddev	1.00850	.0032228	.002607	.0053545	.0211885	.006682
%RSD	3.212358	.8496889	214.4504	2.801118	5.067971	.1842329

#1	30.29843	.3820462	-.003982	.1849715	.4294492	3.632022
#2	31.60088	.3757465	-.000861	.1942311	.4311708	3.619383
#3	32.28341	.3800772	.001196	.1942602	.3936407	3.629464

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.394234	.0042065	.4207629	.0026409	1.825063	.0947330
Stddev	.008061	.0007213	.0088173	.0012563	.049349	.0036989
%RSD	2.044665	17.14745	2.095553	47.57259	2.703954	3.904510

#1	-.402285	.0047312	.4307021	.0040902	1.769594	.0904730
#2	-.394254	.0033840	.4138815	.0018612	1.841497	.0965977
#3	-.386164	.0045043	.4177052	.0019712	1.864098	.0971285



Sample Name: K5352-03 Acquired: 10/14/2019 18:03:06 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-19-S Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850674	-.012512	4.660259	.2532743	F 303.9824	F 10.54941
Stddev	.0026365	.001205	.059677	.0010092	6.5967	.22642
%RSD	3.099302	9.630618	1.280547	.3984653	2.170096	2.146279

#1	.0820360	-.011143	4.609845	.2537625	296.7803	10.30640
#2	.0863409	-.012976	4.644781	.2539467	305.4352	10.58740
#3	.0868255	-.013415	4.726149	.2521139	309.7315	10.75443

Elem	K_7664
Units	ppm
Avg	F 16.10548
Stddev	.45616
%RSD	2.832316

#1	15.58577
#2	16.29112
#3	16.43955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.912	31571.79	6770.740	1789.562	2045.351
Stddev	4.409	1334.47	56.893	70.217	2.344
%RSD	.2042306	4.226787	.8402764	3.923706	.1146176

#1	2155.780	30670.84	6835.953	1765.787	2042.670
#2	2163.954	30939.66	6731.261	1734.319	2046.365
#3	2157.002	33104.86	6745.005	1868.580	2047.018



Sample Name: K5352-07 Acquired: 10/14/2019 18:07:01 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344893	-.042172	.1070645	-.039196	.0062354	110.2834
Stddev	.0036362	.003542	.0020330	.002505	.0015841	3.0365
%RSD	10.54288	8.397915	1.898904	6.391242	25.40488	2.753363

#1	.0310901	-.038088	.1091742	-.039124	.0062965	106.7883
#2	.0340545	-.044406	.1069013	-.041736	.0046216	112.2728
#3	.0383233	-.044021	.1051179	-.036728	.0077880	111.7891

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5771620	.0037332	13.83694	.1736855	.1226711	6.744001
Stddev	.0159485	.0002162	.39252	.0055210	.0003553	.185744
%RSD	2.763260	5.791263	2.836772	3.178731	.2896730	2.754217

#1	.5589462	.0034836	13.38691	.1674539	.1225079	6.530647
#2	.5886133	.0038549	14.10864	.1756364	.1224267	6.869686
#3	.5839266	.0038611	14.01526	.1779661	.1230787	6.831668

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.57121	.3467005	-.002541	.2103441	.3919476	3.373336
Stddev	.78879	.0009480	.000211	.0043755	.0136275	.002363
%RSD	2.580188	.2734407	8.300405	2.080150	3.476872	.0700486

#1	29.66044	.3468247	-.002335	.2055257	.3764203	3.371005
#2	31.03495	.3456965	-.002757	.2140694	.4019215	3.373273
#3	31.01823	.3475803	-.002530	.2114373	.3975011	3.375729

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.399789	.0037911	.5259523	.0027694	2.041229	.0909458
Stddev	.005734	.0004075	.0044032	.0006263	.046156	.0033099
%RSD	1.434300	10.74955	.8371891	22.61347	2.261192	3.639379

#1	-.395858	.0035114	.5298558	.0026526	1.987996	.0871239
#2	-.406368	.0036033	.5211792	.0034459	2.070103	.0928675
#3	-.397140	.0042587	.5268220	.0022098	2.065588	.0928460



Sample Name: K5352-07 Acquired: 10/14/2019 18:07:01 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-S Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009283	-.011927	3.786950	.2716616	F 286.8725	8.815000
Stddev	.0030148	.001063	.052784	.0014291	5.1614	.225434
%RSD	2.987029	8.908849	1.393840	.5260395	1.799189	2.557394
#1	.0974546	-.010775	3.784757	.2728011	281.0985	8.556317
#2	.1028622	-.012139	3.840796	.2721253	288.4806	8.919183
#3	.1024681	-.012868	3.735297	.2700582	291.0383	8.969500

Elem	K_7664
Units	ppm
Avg	F 12.20051
Stddev	.28719
%RSD	2.353954
#1	11.87641
#2	12.30172
#3	12.42339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.174	30587.41	6597.472	1745.421	2049.806
Stddev	6.448	621.24	68.929	38.511	5.993
%RSD	.3056904	2.031034	1.044773	2.206407	.2923589
#1	2114.045	31304.29	6646.362	1785.949	2056.710
#2	2101.862	30206.77	6518.635	1709.308	2046.768
#3	2111.614	30251.15	6627.420	1741.007	2045.941



Sample Name: K5352-11 Acquired: 10/14/2019 18:10:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394334	-.038941	.1480616	-.031816	.0047836	87.54541
Stddev	.0002049	.005558	.0031400	.003987	.0018570	5.08951
%RSD	.5195193	14.27301	2.120730	12.53098	38.82041	5.813567

#1	.0391993	-.044184	.1468815	-.027363	.0067497	81.67955
#2	.0395796	-.039526	.1456828	-.035055	.0045420	90.16717
#3	.0395213	-.033114	.1516207	-.033029	.0030593	90.78953

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7082844	.0032978	9.477892	.1507520	.0942325	5.884206
Stddev	.0402113	.0001073	.529622	.0006703	.0003296	.354884
%RSD	5.677281	3.254742	5.587969	.4446434	.3497295	6.031131

#1	.6618528	.0033752	8.867249	.1500111	.0945688	5.474883
#2	.7313309	.0033429	9.754307	.1513163	.0942185	6.072030
#3	.7316694	.0031753	9.812119	.1509287	.0939101	6.105707

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.16407	.2874385	-.003111	.1856525	.3347142	2.615162
Stddev	1.25945	.0001773	.000657	.0116439	.0031016	.015716
%RSD	5.682392	.0616756	21.11616	6.271882	.9266286	.6009528

#1	20.71349	.2876401	-.003851	.1729094	.3382788	2.632541
#2	22.79954	.2873067	-.002885	.1883106	.3332315	2.601950
#3	22.97918	.2873688	-.002596	.1957376	.3326323	2.610995

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332977	.0033311	.3932121	.0029444	1.860084	.0677836
Stddev	.013835	.0003228	.0053714	.0013761	.119301	.0066293
%RSD	4.154898	9.690162	1.366029	46.73468	6.413758	9.780085

#1	-.320604	.0035934	.3943652	.0035026	1.723287	.0601398
#2	-.347915	.0029706	.3873579	.0039537	1.914419	.0712499
#3	-.330412	.0034293	.3979134	.0013770	1.942545	.0719613



Sample Name: K5352-11 Acquired: 10/14/2019 18:10:56 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-D Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763378	-.009738	3.426453	.2120715	F 239.5179	8.268580
Stddev	.0046872	.000758	.106695	.0017915	7.2112	.324483
%RSD	6.140056	7.786504	3.113867	.8447541	3.010722	3.924285

#1	.0709750	-.008874	3.311514	.2100692	231.4285	7.914101
#2	.0783869	-.010294	3.445508	.2135225	241.8533	8.340711
#3	.0796516	-.010046	3.522337	.2126230	245.2720	8.550927

Elem	K_7664
Units	ppm
Avg	9.889316
Stddev	.324183
%RSD	3.278114

#1	9.523654
#2	10.00277
#3	10.14152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.823	30185.25	6682.436	1700.423	2067.248
Stddev	25.273	76.29	189.532	14.769	22.675
%RSD	1.188280	.2527538	2.836272	.8685315	1.096891

#1	2100.363	30134.23	6898.901	1683.978	2042.560
#2	2129.394	30148.57	6546.281	1712.555	2072.039
#3	2150.711	30272.96	6602.128	1704.736	2087.145



Sample Name: K5352-11DUP Acquired: 10/14/2019 18:14:51 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349684	-.040102	.1239084	-.040009	.0031720	88.96502
Stddev	.0006303	.000779	.0033064	.005125	.0010003	5.51243
%RSD	1.802559	1.942292	2.668388	12.80909	31.53675	6.196179

#1	.0354057	-.040843	.1201198	-.045294	.0026073	82.63932
#2	.0342459	-.040174	.1253940	-.039673	.0025817	91.51460
#3	.0352537	-.039290	.1262114	-.035061	.0043269	92.74112

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7071959	.0033441	9.513433	.1531799	.0955129	5.889373
Stddev	.0411392	.0002481	.570355	.0026239	.0003765	.365723
%RSD	5.817234	7.417934	5.995261	1.712967	.3941460	6.209886

#1	.6598907	.0035659	8.859845	.1550649	.0958976	5.469571
#2	.7270937	.0033902	9.770069	.1542918	.0954960	6.059547
#3	.7346034	.0030763	9.910384	.1501831	.0951453	6.139001

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.73935	.2903801	-.002777	.1827570	.3285659	2.592820
Stddev	1.51280	.0016596	.001561	.0155609	.0029817	.004371
%RSD	6.652773	.5715282	56.22567	8.514542	.9074879	.1685681

#1	21.00983	.2895930	-.004545	.1672956	.3319885	2.588567
#2	23.39168	.2922868	-.002195	.1825599	.3265308	2.597300
#3	23.81654	.2892605	-.001590	.1984156	.3271784	2.592593

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.336679	.0037259	.4298937	.0027419	1.868025	.0677205
Stddev	.005815	.0004752	.0051434	.0008970	.115398	.0054473
%RSD	1.727042	12.75527	1.196436	32.71384	6.177551	8.043789

#1	-.343377	.0042510	.4357140	.0027825	1.735024	.0614305
#2	-.332937	.0036012	.4259601	.0018253	1.927458	.0708674
#3	-.333722	.0033253	.4280070	.0036179	1.941591	.0708635



Sample Name: K5352-11DUP Acquired: 10/14/2019 18:14:51 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0767107	-.010126	3.469060	.2164363	F 244.2392	8.420741
Stddev	.0046253	.001690	.092454	.0005073	10.5531	.346057
%RSD	6.029467	16.69332	2.665090	.2343704	4.320810	4.109573

#1	.0713710	-.008174	3.366212	.2158559	232.0793	8.022037
#2	.0792885	-.011112	3.545271	.2166580	249.6337	8.643150
#3	.0794726	-.011092	3.495697	.2167949	251.0048	8.597035

Elem	K_7664
Units	ppm
Avg	F 10.22629
Stddev	.45877
%RSD	4.486174

#1	9.69667
#2	10.48149
#3	10.50071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.052	30695.89	6746.341	1727.439	2079.136
Stddev	3.571	107.93	112.603	7.407	3.428
%RSD	.1667047	.3515966	1.669104	.4288103	.1648767

#1	2145.968	30572.19	6874.228	1727.984	2076.350
#2	2141.212	30744.66	6702.726	1734.559	2082.964
#3	2138.976	30770.83	6662.069	1719.774	2078.095



Sample Name: K5352-11LX5 Acquired: 10/14/2019 18:18:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091017	-.007397	.0293511	-.011532	.0009378	19.87820
Stddev	.0046881	.000611	.0023315	.001359	.0011694	.64889
%RSD	51.50811	8.255152	7.943470	11.78270	124.6927	3.264304

#1	.0121663	-.007822	.0269589	-.010759	.0014128	19.13482
#2	.0114339	-.006697	.0294777	-.010737	.0017949	20.16874
#3	.0037049	-.007672	.0316167	-.013101	-.000394	20.33106

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585953	.0004327	2.163921	.0324408	.0197401	1.363790
Stddev	.0050717	.0000904	.061210	.0004558	.0002902	.050151
%RSD	3.197913	20.88967	2.828654	1.404997	1.470223	3.677360

#1	.1528276	.0003476	2.093269	.0320239	.0195103	1.305952
#2	.1623582	.0004230	2.197574	.0323710	.0196437	1.390203
#3	.1606000	.0005276	2.200921	.0329274	.0200662	1.395214

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.061039	.0603918	-.001423	.0420722	.0758917	.5382836
Stddev	.154341	.0008891	.000322	.0012426	.0013427	.0020905
%RSD	3.049598	1.472172	22.60620	2.953579	1.769279	.3883583

#1	4.889493	.0605784	-.001062	.0407032	.0766880	.5371476
#2	5.104976	.0611728	-.001680	.0431287	.0766457	.5406961
#3	5.188648	.0594242	-.001528	.0423848	.0743415	.5370072

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092846	.0005000	.0731335	.0006753	.4155668	.0108861
Stddev	.002937	.0004056	.0037938	.0002079	.0144703	.0007925
%RSD	3.163619	81.11733	5.187476	30.78059	3.482073	7.279973

#1	-.090869	.0008249	.0710347	.0009049	.3999944	.0099948
#2	-.091449	.0006296	.0775129	.0005000	.4181075	.0111522
#3	-.096222	.0000454	.0708528	.0006211	.4285985	.0115114



Sample Name: K5352-11LX5 Acquired: 10/14/2019 18:18:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170978	-.002108	.6870900	.0432541	F 50.17854	1.560981
Stddev	.0005392	.000419	.0074960	.0005221	1.32902	.053268
%RSD	3.153428	19.86917	1.090985	1.207071	2.648579	3.412498

#1	.0164764	-.001649	.6874567	.0426581	48.67801	1.499660
#2	.0173762	-.002205	.6794173	.0434729	50.65024	1.587480
#3	.0174409	-.002469	.6943959	.0436312	51.20737	1.595803

Elem	K_7664
Units	ppm
Avg	2.004966
Stddev	.056427
%RSD	2.814378

#1	1.945113
#2	2.012594
#3	2.057192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.907	28477.36	6047.974	1569.283	2067.085
Stddev	4.438	85.82	49.524	19.670	6.714
%RSD	.2260841	.3013542	.8188452	1.253453	.3248009

#1	1957.792	28387.19	6103.954	1553.172	2060.824
#2	1965.190	28486.86	6009.873	1563.473	2074.175
#3	1965.739	28558.03	6030.094	1591.204	2066.257



Sample Name: K5352-11MS Acquired: 10/14/2019 18:22:47 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6847270	1.747443	.9738276	1.464199	.1479612	105.1110
Stddev	.0040719	.005182	.0030563	.004233	.0032284	4.0663
%RSD	.5946736	.2965587	.3138411	.2890906	2.181910	3.868545

#1	.6813535	1.752273	.9713913	1.463483	.1446976	100.4310
#2	.6892501	1.741969	.9728346	1.460369	.1480328	107.1224
#3	.6835774	1.748088	.9772569	1.468744	.1511531	107.7795

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9055468	.1733818	10.90062	.4546435	.2749331	6.253289
Stddev	.0343687	.0015727	.45176	.0021254	.0004351	.241044
%RSD	3.795353	.9070815	4.144391	.4674812	.1582477	3.854673

#1	.8659867	.1721821	10.38459	.4549919	.2749114	5.975956
#2	.9225970	.1751624	11.09248	.4523655	.2745094	6.371538
#3	.9280568	.1728010	11.22479	.4565732	.2753787	6.412374

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.06131	.7241974	.0601820	.4114768	.5236989	7.695067
Stddev	.99992	.0013868	.0002659	.0174150	.0047970	.023011
%RSD	3.836815	.1914936	.4417697	4.232314	.9159843	.2990377

#1	24.91274	.7232975	.0600774	.3925999	.5223533	7.711731
#2	26.53346	.7257944	.0599843	.4149126	.5290251	7.668812
#3	26.73774	.7235002	.0604843	.4269178	.5197185	7.704658

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117474	.3028447	.3163022	.5932140	1.662479	.2363922
Stddev	.007927	.0005940	.0048966	.0004118	.065979	.0106058
%RSD	6.747992	.1961347	1.548083	.0694157	3.968730	4.486514

#1	-.125394	.3022165	.3122067	.5927813	1.587474	.2247127
#2	-.117487	.3029205	.3217259	.5936011	1.688411	.2390423
#3	-.109540	.3033972	.3149740	.5932596	1.711553	.2454217



Sample Name: K5352-11MS Acquired: 10/14/2019 18:22:47 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DMS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2575215	.1800441	4.473079	.4976403	F 209.1230	F 11.28414
Stddev	.0091296	.0002553	.075002	.0037798	6.0156	.31691
%RSD	3.545177	.1418162	1.676748	.7595423	2.876562	2.808426

#1	.2471178	.1801751	4.396822	.4937480	202.5432	10.92767
#2	.2612499	.1802073	4.475655	.4978764	210.4851	11.39075
#3	.2641968	.1797498	4.546760	.5012965	214.3407	11.53399

Elem	K_7664
Units	ppm
Avg	F 19.84115
Stddev	.53330
%RSD	2.687854

#1	19.24526
#2	20.00457
#3	20.27361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.890	30521.65	6628.235	1685.946	2029.347
Stddev	4.087	80.99	87.724	19.679	2.572
%RSD	.1930467	.2653432	1.323486	1.167241	.1267362

#1	2112.268	30567.79	6724.600	1689.744	2026.948
#2	2118.376	30569.03	6553.020	1664.645	2029.031
#3	2120.025	30428.14	6607.086	1703.449	2032.063



Sample Name: CCV06 Acquired: 10/14/2019 18:26:36 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032365	5.016479	4.947624	5.032804	5.061532	9.783175
Stddev	.015370	.020263	.006311	.028992	.019228	.347586
%RSD	.3054265	.4039217	.1275598	.5760628	.3798899	3.552892

#1	5.048502	5.017635	4.947805	5.066269	5.079432	9.388430
#2	5.017898	4.995663	4.941224	5.016873	5.041206	10.04338
#3	5.030696	5.036139	4.953843	5.015271	5.063956	9.91772

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.680211	.2475782	24.11025	.9676543	2.479281	2.477606
Stddev	.335727	.0030144	.83772	.0040686	.003355	.086306
%RSD	3.468175	1.217554	3.474533	.4204635	.1353047	3.483436

#1	9.293300	.2444485	23.14511	.9631174	2.477783	2.378011
#2	9.852747	.2504623	24.53682	.9688661	2.476938	2.524363
#3	9.894585	.2478238	24.64884	.9709793	2.483124	2.530445

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.13960	2.491198	1.225523	2.447250	2.543224	4.959762
Stddev	.77683	.003051	.000766	.085877	.003544	.026696
%RSD	3.218063	.1224734	.0624704	3.509141	.1393554	.5382468

#1	23.24268	2.490567	1.224647	2.351098	2.540647	4.929857
#2	24.59885	2.488512	1.225856	2.474325	2.547265	4.968239
#3	24.57726	2.494515	1.226065	2.516327	2.541758	4.981190

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.944612	5.036035	4.928615	4.953786	4.753406	4.794384
Stddev	.063758	.012844	.008913	.009499	.155184	.172964
%RSD	1.289439	.2550467	.1808393	.1917530	3.264695	3.607646

#1	4.878755	5.046703	4.925139	4.956392	4.574287	4.594898
#2	5.006039	5.021778	4.921964	4.943256	4.847357	4.885709
#3	4.949041	5.039625	4.938742	4.961710	4.838575	4.902544



Sample Name: CCV06 Acquired: 10/14/2019 18:26:36 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15599 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923824	F 2.589310	5.205165	1.322209	5.251236	25.66245
Stddev	.168128	.003010	.179639	.004511	.167293	.80529
%RSD	3.414574	.1162551	3.451165	.3411447	3.185789	3.138006
#1	4.729696	2.585875	5.022028	1.317064	5.071414	24.76405
#2	5.019303	2.591490	5.212377	1.324080	5.280032	25.90394
#3	5.022474	2.590564	5.381089	1.325483	5.402262	26.31936

Elem	K_7664
Units	ppm
Avg	F 26.12478
Stddev	.73475
%RSD	2.812477
#1	25.28806
#2	26.42153
#3	26.66475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.770	26698.20	5897.841	1458.295	1886.043
Stddev	6.306	65.43	51.774	3.554	3.209
%RSD	.3412889	.2450799	.8778432	.2436958	.1701289
#1	1841.680	26623.84	5948.791	1454.192	1883.688
#2	1854.273	26723.84	5845.281	1460.297	1889.697
#3	1847.357	26746.94	5899.452	1460.396	1884.744



Sample Name: CCB06 Acquired: 10/14/2019 18:30:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001432	-.000683	.0009040	-.000232	.0005726	-.008782
Stddev	.000627	.002118	.0037127	.002284	.0013547	.015527
%RSD	43.77498	310.1276	410.6851	986.6608	236.5872	176.8038

#1	-.000956	.000725	.0032398	.001930	-.000912	-.022382
#2	-.001198	-.003118	-.003377	-.002622	.000888	-.012098
#3	-.002143	.000345	.002849	-.000003	.001742	.008135

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001385	.0001011	-.007793	-.000577	.0000287	-.000007
Stddev	.000439	.0000881	.012036	.000693	.0002394	.000971
%RSD	31.72419	87.15001	154.4571	120.1878	833.4845	14736.42

#1	-.001554	.0001641	.001884	-.000533	.0001897	-.001025
#2	-.001715	.0000004	-.003991	.000093	.0001429	.000095
#3	-.000886	.0001389	-.021271	-.001291	-.000246	.000910

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053830	.0000534	.0002693	.0016524	.0002633	.0016843
Stddev	.007801	.0001480	.0002405	.0052547	.0008384	.0008476
%RSD	14.49217	277.3261	89.30651	318.0090	318.4380	50.32174

#1	-.062391	-.000114	.0001360	-.003476	.0011914	.0026069
#2	-.051975	.000106	.0001250	.001408	-.000439	.0015057
#3	-.047123	.000168	.0005470	.007025	.000038	.0009402

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000717	.0006657	-.006492	-.000118	.0005841	-.003815
Stddev	.002049	.0003794	.001955	.000786	.0010717	.000434
%RSD	285.8440	57.00165	30.11643	663.7324	183.4773	11.38661

#1	-.002280	.0010220	-.004865	.000789	.0012460	-.003519
#2	-.001473	.0007083	-.005949	-.000573	.0011585	-.004314
#3	.001603	.0002667	-.008660	-.000571	-.000652	-.003612



Sample Name: CCB06 Acquired: 10/14/2019 18:30:17 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15599 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000109	-.000313	.0015815	-.002052	.0050944	F -.131466
Stddev	.000057	.000224	.0189959	.000374	.0080354	.015988
%RSD	52.47153	71.42252	1201.133	18.22158	157.7319	12.16117

#1	-.000065	-.000122	-.008122	-.002361	.0019725	-.149127
#2	-.000174	-.000259	.023469	-.002160	-.000912	-.117980
#3	-.000089	-.000559	-.010603	-.001636	.014222	-.127290

Elem	K_7664
Units	ppm
Avg	.0082050
Stddev	.0139253
%RSD	169.7165

#1	.0241143
#2	.0022712
#3	-.001770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.411	27293.30	5836.866	1535.026	2064.412
Stddev	13.836	44.46	63.893	9.529	9.597
%RSD	.7295732	.1629018	1.094654	.6207888	.4648902

#1	1907.165	27327.83	5897.695	1526.636	2071.074
#2	1901.266	27243.13	5770.296	1533.056	2068.750
#3	1880.803	27308.94	5842.607	1545.387	2053.412



Sample Name: K5352-11MSD Acquired: 10/14/2019 18:34:21 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6864473	1.751065	.9681121	1.459093	.1476812	104.6647
Stddev	.0035312	.002831	.0016751	.002190	.0016814	4.3276
%RSD	.5144166	.1616629	.1730290	.1501180	1.138532	4.134679

#1	.6823946	1.748256	.9672042	1.456695	.1457398	99.8179
#2	.6880846	1.751022	.9670870	1.459599	.1486279	106.0352
#3	.6888626	1.753917	.9700452	1.460987	.1486757	108.1411

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9007907	.1733673	10.89354	.4592236	.2736698	6.205828
Stddev	.0356444	.0027312	.47779	.0013858	.0014115	.257407
%RSD	3.957014	1.575406	4.385986	.3017656	.5157680	4.147822

#1	.8614639	.1709360	10.37995	.4602323	.2746587	5.918494
#2	.9099385	.1728433	10.97584	.4576435	.2720533	6.283635
#3	.9309697	.1763226	11.32483	.4597950	.2742973	6.415355

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.07520	.7231725	.0603575	.4102641	.5229827	7.663151
Stddev	1.07698	.0012609	.0008318	.0175231	.0022334	.009887
%RSD	4.130272	.1743559	1.378121	4.271172	.4270563	.1290195

#1	24.90881	.7217358	.0594035	.3900410	.5246667	7.663277
#2	26.28485	.7236859	.0607379	.4198031	.5204492	7.653201
#3	27.03193	.7240956	.0609310	.4209483	.5238323	7.672973

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.118020	.3035784	.3164731	.5928621	1.668039	.2379973
Stddev	.006969	.0003687	.0012343	.0005879	.061496	.0114161
%RSD	5.904606	.1214604	.3900234	.0991584	3.686725	4.796720

#1	-.124835	.3039731	.3178958	.5930969	1.597246	.2249165
#2	-.118319	.3035192	.3158348	.5921931	1.698638	.2431253
#3	-.110908	.3032428	.3156886	.5932963	1.708233	.2459503



Sample Name: K5352-11MSD Acquired: 10/14/2019 18:34:21 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2565633	.1799799	4.483506	.4929733	F 207.0718	F 11.16337
Stddev	.0101400	.0004757	.072691	.0034095	5.4353	.29764
%RSD	3.952239	.2643201	1.621290	.6916189	2.624863	2.666252

#1	.2449531	.1804640	4.414666	.4931353	200.9107	10.83374
#2	.2610567	.1799627	4.559515	.4962989	209.1161	11.24391
#3	.2636802	.1795130	4.476336	.4894857	211.1885	11.41245

Elem	K_7664
Units	ppm
Avg	F 19.68146
Stddev	.56808
%RSD	2.886385

#1	19.02791
#2	20.05691
#3	19.95957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.256	30220.22	6572.086	1682.464	2024.571
Stddev	11.987	49.16	94.805	13.627	10.468
%RSD	.5685546	.1626858	1.442538	.8099241	.5170399

#1	2110.925	30197.62	6671.419	1678.458	2024.032
#2	2118.683	30276.62	6562.263	1697.645	2035.298
#3	2095.160	30186.42	6482.574	1671.290	2014.383



Sample Name: K5352-11A Acquired: 10/14/2019 18:38:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6798254	1.747623	.9603461	1.450814	.1481188	105.2828
Stddev	.0084224	.005862	.0010295	.008351	.0034506	4.1528
%RSD	1.238914	.3354402	.1071977	.5756099	2.329611	3.944470

#1	.6791124	1.752282	.9608215	1.441171	.1472942	100.7562
#2	.6885817	1.749545	.9610519	1.455697	.1451553	106.1754
#3	.6717821	1.741041	.9591648	1.455574	.1519070	108.9168

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8755896	.1714925	10.85972	.4614567	.2726322	6.121698
Stddev	.0351629	.0033133	.42084	.0019431	.0009693	.237691
%RSD	4.015910	1.932015	3.875196	.4210821	.3555397	3.882767

#1	.8370382	.1680305	10.40735	.4595583	.2725688	5.859913
#2	.8838300	.1718134	10.93222	.4613701	.2736317	6.181185
#3	.9059004	.1746337	11.23960	.4634416	.2716961	6.323996

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.37938	.7246303	.0603581	.4101468	.5151662	7.648912
Stddev	1.03091	.0036925	.0005713	.0162765	.0059177	.011706
%RSD	3.908017	.5095665	.9465318	3.968462	1.148694	.1530450

#1	25.23940	.7267249	.0597765	.3917517	.5216527	7.650084
#2	26.65252	.7267993	.0603791	.4160069	.5137839	7.659988
#3	27.24621	.7203668	.0609185	.4226819	.5100620	7.636663

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.118988	.3028147	.3215626	.5911698	1.656259	.2404088
Stddev	.003352	.0003877	.0035031	.0015544	.057652	.0109898
%RSD	2.816930	.1280271	1.089388	.2629419	3.480864	4.571285

#1	-.118314	.3026327	.3234623	.5896748	1.590703	.2278823
#2	-.116024	.3025515	.3175200	.5927775	1.679011	.2449143
#3	-.122626	.3032599	.3237053	.5910572	1.699064	.2484299



Sample Name: K5352-11A Acquired: 10/14/2019 18:38:11 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2558661	.1798321	4.615600	.4932012	F 208.7608	F 11.26139
Stddev	.0084180	.0016839	.040768	.0054052	4.8121	.25265
%RSD	3.290013	.9363785	.8832575	1.095934	2.305092	2.243468

#1	.2462735	.1790374	4.641041	.4885377	203.4244	10.98129
#2	.2593027	.1786926	4.568578	.4919407	210.0878	11.33081
#3	.2620222	.1817663	4.637181	.4991253	212.7702	11.47206

Elem	K_7664
Units	ppm
Avg	F 19.79655
Stddev	.48378
%RSD	2.443771

#1	19.23798
#2	20.08280
#3	20.06886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.318	30190.41	6599.621	1703.335	2032.553
Stddev	23.767	68.28	114.233	19.372	25.140
%RSD	1.124647	.2261500	1.730906	1.137320	1.236857

#1	2095.196	30246.46	6722.183	1684.907	2016.623
#2	2104.531	30114.37	6580.567	1701.568	2019.501
#3	2140.228	30210.41	6496.113	1723.531	2061.534



Sample Name: K5176-25 Acquired: 10/14/2019 18:42:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 30464-67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046325	-.004843	-.003098	.0422642	.0136111	.0046384
Stddev	.0016857	.001804	.002406	.0018296	.0014538	.0167978
%RSD	36.38884	37.24064	77.68473	4.328992	10.68126	362.1476

#1	.0065676	-.006634	-.005876	.0407064	.0148494	-.014600
#2	.0038478	-.004868	-.001707	.0442789	.0120103	.016396
#3	.0034822	-.003027	-.001709	.0418071	.0139737	.012119

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180926	-.000542	79.32544	.0039192	.0070248	.4647845
Stddev	.0015165	.000099	5.28324	.0000864	.0001862	.0309298
%RSD	8.381737	18.35005	6.660205	2.203707	2.650729	6.654658

#1	.0164827	-.000638	73.42376	.0039680	.0072398	.4307969
#2	.0183010	-.000439	80.93826	.0038195	.0069160	.4722763
#3	.0194941	-.000548	83.61428	.0039701	.0069187	.4912802

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.648368	.0406283	-.001311	.0042274	.4342895	22.97895
Stddev	.142272	.0003943	.000446	.0018933	.0010862	.21670
%RSD	8.631058	.9704578	33.99647	44.78770	.2501145	.9430448

#1	1.489582	.0406236	-.001484	.0060685	.4355356	23.03538
#2	1.691274	.0402365	-.001644	.0022858	.4337909	23.16185
#3	1.764249	.0410250	-.000805	.0043278	.4335422	22.73962

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509236	-.001789	1.670251	-.001170	-.000981	.0288418
Stddev	.0022093	.000373	.005435	.001152	.001839	.0033434
%RSD	4.338391	20.86788	.3254008	98.40153	187.4682	11.59231

#1	.0485026	-.001694	1.664518	-.002259	-.001826	.0252913
#2	.0514376	-.002201	1.670909	.000035	-.002245	.0293042
#3	.0528305	-.001473	1.675328	-.001287	.001129	.0319300



Sample Name: K5176-25 Acquired: 10/14/2019 18:42:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 30464-67 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087676	-.001472	4.340972	.0120026	F 24.50102	F 177.2263
Stddev	.068154	.000250	.119499	.0002988	.66513	3.6680
%RSD	6.266043	17.01949	2.752815	2.489332	2.714708	2.069688

#1	1.011266	-.001213	4.203744	.0121569	23.80153	173.1775
#2	1.109569	-.001489	4.397083	.0116582	24.57609	178.1737
#3	1.142194	-.001713	4.422090	.0121927	25.12542	180.3277

Elem	K_7664
Units	ppm
Avg	4.412908
Stddev	.114092
%RSD	2.585411

#1	4.281171
#2	4.477735
#3	4.479817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.919	25084.81	5719.606	1414.935	1852.080
Stddev	19.613	59.52	249.721	16.225	21.307
%RSD	1.108767	.2372646	4.366047	1.146702	1.150417

#1	1765.425	25016.25	6001.098	1397.421	1845.308
#2	1751.287	25115.03	5633.009	1429.454	1834.982
#3	1790.044	25123.17	5524.711	1417.931	1875.949



Sample Name: K5335-02 Acquired: 10/14/2019 18:46:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: IDW-GAC2-191 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002463	-.003474	-.010177	.0629052	.0145277	-.109294
Stddev	.003232	.003653	.001016	.0031066	.0023103	.017178
%RSD	131.2197	105.1406	9.985138	4.938566	15.90257	15.71729

#1	-.002318	-.005148	-.009092	.0599560	.0171246	-.099092
#2	.000694	.000716	-.010332	.0661483	.0127006	-.099663
#3	-.005765	-.005990	-.011107	.0626112	.0137578	-.129126

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2978853	.0001292	173.9700	-.000345	-.000094	.0235117
Stddev	.0145220	.0001277	8.5284	.000587	.000258	.0010476
%RSD	4.875025	98.77037	4.902221	170.1111	274.8725	4.455761

#1	.2812298	.0002528	164.1349	-.000839	-.000233	.0224254
#2	.3045296	-.000002	178.4546	-.000498	-.000252	.0245158
#3	.3078965	.000137	179.3204	.000303	.000204	.0235939

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.564574	.0036338	-.000906	.0014447	.0273704	.0080198
Stddev	.360382	.0004854	.000296	.0042711	.0005313	.0027897
%RSD	6.476360	13.35839	32.68646	295.6462	1.940966	34.78571

#1	5.150236	.0041148	-.001185	-.003484	.0271056	.0111894
#2	5.738302	.0036424	-.000939	.003745	.0279820	.0059371
#3	5.805183	.0031441	-.000595	.004072	.0270236	.0069329

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515475	-.006036	.4666763	-.004653	-.003634	.0030193
Stddev	.0026009	.000151	.0045534	.000395	.001391	.0032963
%RSD	5.045570	2.497919	.9757008	8.486532	38.27874	109.1725

#1	.0498502	-.006059	.4716475	-.005093	-.002203	-.000665
#2	.0545418	-.005875	.4627080	-.004329	-.003717	.004035
#3	.0502504	-.006175	.4656735	-.004538	-.004981	.005688



Sample Name: K5335-02 Acquired: 10/14/2019 18:46:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: IDW-GAC2-191 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4781127	-.000010	.5170382	.0009914	-.033966	F 196.5885
Stddev	.0217393	.000038	.0286230	.0007219	.008594	7.8015
%RSD	4.546902	375.7429	5.535961	72.81652	25.30328	3.968417

#1	.4531157	-.000008	.4864806	.0014974	-.024802	187.7637
#2	.4886210	-.000050	.5214104	.0013120	-.041846	199.4341
#3	.4926014	.000027	.5432235	.0001647	-.035248	202.5677

Elem	K_7664
Units	ppm
Avg	.2861539
Stddev	.0275262
%RSD	9.619367

#1	.2575848
#2	.3125027
#3	.2883743

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.049	24773.73	5632.564	1373.445	1795.099
Stddev	17.534	85.58	39.764	8.319	19.391
%RSD	1.005953	.3454650	.7059635	.6057070	1.080232

#1	1732.611	24714.14	5668.602	1370.710	1780.649
#2	1733.244	24735.24	5589.905	1366.838	1787.512
#3	1763.293	24871.80	5639.185	1382.788	1817.137



Sample Name: K5339-01 Acquired: 10/14/2019 18:50:03 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: SOIL-BIN-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008784	-.004372	.0096125	.0105255	.0022424	.0003793
Stddev	.001586	.001342	.0005046	.0037410	.0014008	.0060627
%RSD	18.05951	30.70636	5.249761	35.54219	62.46756	1598.311

#1	-.010328	-.002846	.0100944	.0062586	.0030614	-.004323
#2	-.007158	-.005373	.0090878	.0120754	.0030407	.007222
#3	-.008866	-.004895	.0096553	.0132424	.0006250	-.001761

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2802530	.0002890	6.922847	-.000363	.0027789	1.051598
Stddev	.0024185	.0000237	.065002	.000531	.0001615	.007685
%RSD	.8629694	8.210781	.9389418	146.3536	5.812544	.7307515

#1	.2821963	.0003079	6.935404	.000233	.0028545	1.047270
#2	.2775445	.0002967	6.852483	-.000787	.0028887	1.047052
#3	.2810182	.0002624	6.980654	-.000536	.0025934	1.060470

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.649338	.0028247	.0004886	-.000485	.2003582	.0045232
Stddev	.009281	.0002823	.0005195	.002247	.0014889	.0033350
%RSD	.5626923	9.993509	106.3226	463.3876	.7431268	73.73098

#1	1.638759	.0031346	.0010869	-.001831	.2020673	.0083511
#2	1.656109	.0027570	.0001515	.002109	.1993425	.0022453
#3	1.653146	.0025823	.0002275	-.001733	.1996647	.0029731

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482230	-.000968	.6323953	-.000538	.0005486	-.000656
Stddev	.0023286	.000173	.0044374	.000606	.0012493	.001158
%RSD	4.828912	17.89191	.7016755	112.7086	227.7384	176.5117

#1	.0508985	-.000812	.6373855	-.000998	.0018067	.000327
#2	.0471172	-.000937	.6309071	-.000765	-.000692	-.000362
#3	.0466533	-.001155	.6288934	.000149	.000531	-.001933



Sample Name: K5339-01 Acquired: 10/14/2019 18:50:03 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: SOIL-BIN-1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397883	-.000050	.7406023	.0039890	.0025482	F 172.7950
Stddev	.0002840	.000174	.0265362	.0003057	.0067193	6.1695
%RSD	.7138652	349.7652	3.583060	7.664579	263.6873	3.570418

#1	.0397694	.000054	.7233536	.0037381	-.004524	165.8215
#2	.0395141	.000048	.7272942	.0043295	.003321	175.0204
#3	.0400813	-.000251	.7711591	.0038993	.008848	177.5430

Elem	K_7664
Units	ppm
Avg	.6031706
Stddev	.0432071
%RSD	7.163337

#1	.5534418
#2	.6315196
#3	.6245503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.026	25877.52	5626.585	1446.336	1891.093
Stddev	12.731	257.57	218.856	31.275	13.268
%RSD	.7053186	.9953596	3.889675	2.162374	.7016202

#1	1796.171	25664.40	5375.874	1414.659	1881.574
#2	1819.616	25804.42	5724.442	1447.157	1906.249
#3	1799.291	26163.74	5779.438	1477.193	1885.456



Sample Name: K5350-02 Acquired: 10/14/2019 18:54:05 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-209 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090666	-.001297	.0020468	.0115586	.0055560	.0003041
Stddev	.0059930	.001931	.0033361	.0031391	.0023140	.0083133
%RSD	66.09908	148.9089	162.9879	27.15761	41.64942	2733.353

#1	.0082116	-.001820	-.001698	.0079909	.0066864	.0047283
#2	.0035471	.000842	.003138	.0138966	.0028940	.0054698
#3	.0154412	-.002913	.004701	.0127884	.0070876	-.009286

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6886221	.0001195	11.63297	-.001282	.0034243	1.093534
Stddev	.0274564	.0001037	.51319	.000801	.0001280	.050259
%RSD	3.987148	86.78698	4.411475	62.43075	3.737248	4.596039

#1	.6569739	.0001837	11.04453	-.000625	.0035181	1.035585
#2	.7028191	.0001748	11.86666	-.002174	.0032785	1.119779
#3	.7060732	-.000000	11.98772	-.001048	.0034763	1.125237

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.493474	.0097817	-.000299	.0030119	.1680047	.0056504
Stddev	.154522	.0009018	.000691	.0038881	.0124788	.0008463
%RSD	4.423163	9.218912	230.8653	129.0911	7.427643	14.97849

#1	3.325450	.0088695	-.000883	.0024166	.1625081	.0048552
#2	3.525495	.0098029	.000464	-.000544	.1822882	.0065399
#3	3.629476	.0106727	-.000479	.007163	.1592178	.0055560

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258110	-.001384	.4138526	-.000136	.0002064	-.000302
Stddev	.0012292	.000187	.0026003	.000566	.0006130	.001012
%RSD	4.762358	13.48535	.6283140	416.2589	296.9627	334.6508

#1	.0243922	-.001201	.4119738	.000517	-.000381	-.000170
#2	.0264850	-.001574	.4127636	-.000483	.000842	-.001374
#3	.0265557	-.001378	.4168203	-.000442	.000158	.000637



Sample Name: K5350-02 Acquired: 10/14/2019 18:54:05 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-209 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571906	-.000288	1.158584	.0032347	5.931545	F 197.6863
Stddev	.0022211	.000063	.050952	.0007992	.210621	5.7557
%RSD	3.883599	22.05872	4.397773	24.70766	3.550868	2.911537

#1	.0546400	-.000225	1.099791	.0039529	5.690430	191.1463
#2	.0582335	-.000352	1.189883	.0023737	6.024554	199.9319
#3	.0586982	-.000286	1.186079	.0033776	6.079652	201.9807

Elem	K_7664
Units	ppm
Avg	.5040254
Stddev	.0295192
%RSD	5.856686

#1	.4742024
#2	.5046427
#3	.5332311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.408	25915.12	5805.406	1408.321	1870.701
Stddev	6.363	1707.92	67.554	89.649	3.176
%RSD	.3518482	6.590432	1.163636	6.365698	.1697792

#1	1803.949	26485.50	5883.209	1437.300	1874.328
#2	1805.580	23995.01	5761.645	1307.767	1868.420
#3	1815.694	27264.86	5771.366	1479.897	1869.354



Sample Name: K5350-04 Acquired: 10/14/2019 18:58:06 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-11935 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005901	-.001932	-.001805	.0116954	.0045554	.0284984
Stddev	.002200	.000757	.001208	.0018326	.0020714	.0149935
%RSD	37.27654	39.19160	66.93510	15.66941	45.47128	52.61175

#1	-.006868	-.002251	-.000497	.0098227	.0066116	.0457802
#2	-.003383	-.002478	-.002038	.0117783	.0045853	.0189570
#3	-.007451	-.001068	-.002879	.0134851	.0024692	.0207581

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4085495	.0001698	9.784455	-.000618	.0019483	.2118163
Stddev	.0155319	.0000392	.352762	.000145	.0000736	.0076331
%RSD	3.801719	23.09912	3.605335	23.48252	3.776088	3.603621

#1	.3912889	.0001731	9.390021	-.000459	.0018661	.2032697
#2	.4129618	.0001290	9.893595	-.000652	.0020080	.2142243
#3	.4213979	.0002072	10.06975	-.000743	.0019707	.2179550

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.614148	.0063349	.0002424	.0030186	.2033554	.0021157
Stddev	.123446	.0010486	.0006379	.0050479	.0035001	.0013070
%RSD	4.722211	16.55287	263.2102	167.2281	1.721158	61.77345

#1	2.472163	.0052531	.0004348	.0060600	.2017565	.0006636
#2	2.674235	.0073468	-.000470	.0058042	.2009403	.0024859
#3	2.696047	.0064048	.000762	-.002808	.2073694	.0031977

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457329	-.000955	.7354191	-.001271	.0016016	-.000281
Stddev	.0018453	.000129	.0034090	.001159	.0015848	.000588
%RSD	4.034986	13.54318	.4635459	91.20343	98.95134	209.6990

#1	.0442579	-.001061	.7393070	-.000220	.0029376	.000379
#2	.0451387	-.000992	.7329416	-.001079	-.000149	-.000470
#3	.0478021	-.000811	.7340088	-.002514	.002017	-.000751



Sample Name: K5350-04 Acquired: 10/14/2019 18:58:06 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-11935 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308599	-.000409	.6411571	.0009152	4.270445	F 190.9238
Stddev	.0010425	.000105	.0302497	.0004314	.108719	5.1828
%RSD	3.378131	25.56060	4.717982	47.14019	2.545852	2.714588

#1	.0296724	-.000424	.6170622	.0004736	4.148190	185.0616
#2	.0312833	-.000298	.6313042	.0013357	4.356275	192.8124
#3	.0316241	-.000506	.6751048	.0009364	4.306869	194.8975

Elem	K_7664
Units	ppm
Avg	.5134332
Stddev	.0374697
%RSD	7.297877

#1	.4932016
#2	.4904280
#3	.5566698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.481	26041.78	5867.695	1409.837	1890.500
Stddev	12.057	226.56	96.712	20.480	15.477
%RSD	.6623014	.8699806	1.648215	1.452645	.8186897

#1	1806.624	26111.63	5948.371	1405.513	1872.765
#2	1828.574	26225.19	5894.227	1432.134	1897.455
#3	1826.245	25788.53	5760.485	1391.864	1901.279



Sample Name: K5350-06 Acquired: 10/14/2019 19:02:08 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-230 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004918	-.004173	-.001686	.0166764	.0061775	-.006283
Stddev	.002721	.001646	.001756	.0033127	.0032609	.012232
%RSD	55.31992	39.43517	104.1255	19.86442	52.78656	194.6878

#1	-.003353	-.002392	-.000250	.0204935	.0066628	-.012135
#2	-.003342	-.005637	-.003643	.0145536	.0091686	-.014490
#3	-.008060	-.004490	-.001165	.0149821	.0027012	.007776

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3735973	.0003048	12.74030	-.000018	.0070200	.4331779
Stddev	.0136877	.0001618	.48553	.000245	.0001906	.0154008
%RSD	3.663745	53.08280	3.810960	1355.509	2.715548	3.555299

#1	.3579607	.0004874	12.18614	.000251	.0071814	.4156965
#2	.3794218	.0002474	12.94378	-.000228	.0070689	.4390929
#3	.3834094	.0001795	13.09097	-.000077	.0068097	.4447443

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.177853	.0050006	.0001292	.0016140	.1795205	.0064689
Stddev	.158240	.0004044	.0002285	.0016921	.0006406	.0011557
%RSD	4.979457	8.086204	176.8440	104.8445	.3568098	17.86497

#1	2.995139	.0045949	.0002094	.0018658	.1796961	.0052274
#2	3.270509	.0054037	-.000129	.0031660	.1800549	.0066658
#3	3.267910	.0050033	.000307	-.000190	.1788104	.0075134

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472276	-.001341	.8442444	-.001914	.0008672	-.002477
Stddev	.0001737	.000464	.0017304	.001277	.0009545	.002520
%RSD	.3678951	34.63802	.2049664	66.71416	110.0694	101.7142

#1	.0470285	-.001795	.8434196	-.000531	-.000231	-.005222
#2	.0473484	-.000867	.8430807	-.002162	.001499	-.001943
#3	.0473060	-.001360	.8462329	-.003048	.001334	-.000267



Sample Name: K5350-06 Acquired: 10/14/2019 19:02:08 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: VNJ-230 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330701	-.000051	.9401147	.0006785	.0438875	F 192.2398
Stddev	.0012609	.000039	.0496885	.0002246	.0054240	6.0447
%RSD	3.812876	74.80795	5.285367	33.10785	12.35895	3.144374

#1	.0316400	-.000093	.8846407	.0008433	.0377587	185.3862
#2	.0335484	-.000017	.9551661	.0007695	.0480692	194.5222
#3	.0340218	-.000044	.9805373	.0004226	.0458346	196.8110

Elem	K_7664
Units	ppm
Avg	.6129166
Stddev	.0647339
%RSD	10.56161

#1	.5416479
#2	.6290303
#3	.6680716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.844	25963.32	5771.782	1422.568	1881.704
Stddev	9.670	43.82	45.359	7.827	11.595
%RSD	.5331057	.1687655	.7858679	.5501902	.6161851

#1	1823.861	25921.35	5818.059	1423.708	1894.542
#2	1804.563	26008.78	5769.884	1414.234	1871.995
#3	1813.109	25959.84	5727.402	1429.762	1878.574



Sample Name: K5351-02 Acquired: 10/14/2019 19:06:10 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-CONC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004384	-.005374	-.002246	.0526991	.0177030	-.097525
Stddev	.002198	.001218	.001156	.0036852	.0014036	.005924
%RSD	50.12090	22.66917	51.46786	6.992957	7.928475	6.074521

#1	-.003579	-.005616	-.002100	.0509850	.0161844	-.097562
#2	-.002703	-.006452	-.001169	.0501832	.0179719	-.091583
#3	-.006871	-.004052	-.003467	.0569292	.0189526	-.103431

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1178686	-.000047	168.5943	.0099104	.0002995	.0341293
Stddev	.0049425	.000109	7.3130	.0001513	.0005953	.0018088
%RSD	4.193192	231.9889	4.337652	1.527044	198.7729	5.299932

#1	.1122951	.000047	160.2194	.0098171	.0007568	.0320459
#2	.1195923	-.000022	171.8460	.0098291	.0005152	.0350428
#3	.1217184	-.000167	173.7177	.0100850	-.000374	.0352992

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.327048	.0071988	-.000662	.0020318	.1585922	.0079182
Stddev	.139198	.0000501	.000581	.0034203	.0029422	.0015052
%RSD	4.183841	.6967149	87.77094	168.3407	1.855182	19.00930

#1	3.168288	.0072111	-.001275	-.000591	.1596682	.0062176
#2	3.384688	.0072416	-.000590	.000786	.1552635	.0084580
#3	3.428169	.0071436	-.000120	.005900	.1608449	.0090791

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443022	-.004899	4.677076	-.004811	-.003796	.0051576
Stddev	.0014289	.000589	.012524	.000370	.000723	.0005657
%RSD	3.225361	12.02334	.2677738	7.694227	19.04232	10.96864

#1	.0432468	-.005402	4.691537	-.004601	-.003028	.0045067
#2	.0459283	-.004251	4.669917	-.004593	-.003897	.0054361
#3	.0437317	-.005043	4.669773	-.005238	-.004463	.0055301



Sample Name: K5351-02 Acquired: 10/14/2019 19:06:10 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: A-FRAME-CONC Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2384837	.0000155	7.316464	.0003813	-.052691	F 185.1617
Stddev	.0089268	.0002953	.221846	.0009395	.006285	5.5818
%RSD	3.743157	1909.049	3.032142	246.3736	11.92734	3.014538

#1	.2283109	.0000823	7.065715	.0013694	-.047725	178.8691
#2	.2421302	-.000308	7.396462	-.000501	-.059757	187.1003
#3	.2450101	.000272	7.487216	.000275	-.050590	189.5158

Elem	K_7664
Units	ppm
Avg	.8411621
Stddev	.0370854
%RSD	4.408834

#1	.7983636
#2	.8613173
#3	.8638054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.022	25386.51	5640.530	1413.489	1811.232
Stddev	16.729	570.05	70.421	25.148	12.020
%RSD	.9537547	2.245471	1.248474	1.779176	.6636333

#1	1734.962	25056.02	5720.659	1389.069	1797.453
#2	1760.830	26044.74	5588.480	1439.308	1819.567
#3	1766.273	25058.77	5612.453	1412.089	1816.675



Sample Name: K5352-04 Acquired: 10/14/2019 19:10:12 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-19-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004563	-.004560	-.002673	.0080777	.0043522	.0493183
Stddev	.002875	.000969	.003098	.0027264	.0025958	.0027647
%RSD	63.00543	21.25311	115.9045	33.75271	59.64327	5.605827

#1	-.006560	-.003447	-.006141	.0107714	.0050891	.0487908
#2	-.005860	-.005012	-.001698	.0081420	.0014676	.0468553
#3	-.001268	-.005220	-.000179	.0053197	.0064999	.0523087

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889362	.0002316	3.042311	.0001094	.0005678	.0576228
Stddev	.0058426	.0000693	.106101	.0002144	.0006157	.0020656
%RSD	3.092361	29.93622	3.487503	195.9233	108.4299	3.584699

#1	.1821897	.0002747	2.920672	.0003015	.0010797	.0552422
#2	.1923050	.0002685	3.090474	.0001487	-.000115	.0586858
#3	.1923137	.0001516	3.115788	-.000122	.000739	.0589404

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040343	.0025338	.0004358	.0020835	.1506315	.0104046
Stddev	.049965	.0001381	.0002001	.0024501	.0016127	.0014106
%RSD	4.802700	5.449307	45.92246	117.5926	1.070655	13.55761

#1	.983339	.0024056	.0002628	.0012799	.1492416	.0118549
#2	1.061139	.0025158	.0006550	.0048345	.1523998	.0090373
#3	1.076550	.0026800	.0003896	.0001362	.1502532	.0103216

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564639	-.000627	.6117130	-.000534	.0029140	-.001309
Stddev	.0017790	.000157	.0049202	.000782	.0004719	.000848
%RSD	3.150595	25.00157	.8043356	146.4982	16.19329	64.76811

#1	.0575342	-.000790	.6111436	-.001434	.0029187	-.002235
#2	.0574470	-.000476	.6071022	-.000155	.0033835	-.000573
#3	.0544103	-.000616	.6168931	-.000014	.0024398	-.001118



Sample Name: K5352-04 Acquired: 10/14/2019 19:10:12 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-19-S Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171313	-.000128	.1530979	.0000178	.0029860	F 177.0290
Stddev	.0005508	.000154	.0262457	.0003585	.0036164	5.9966
%RSD	3.215084	120.1138	17.14309	2012.539	121.1122	3.387333

#1	.0164953	-.000140	.1228751	.0002675	-.001171	170.3695
#2	.0174525	-.000276	.1701518	.0001789	.004726	178.7164
#3	.0174460	.000031	.1662668	-.000393	.005404	182.0011

Elem	K_7664
Units	ppm
Avg	.5944796
Stddev	.0710859
%RSD	11.95767

#1	.5190811
#2	.6040810
#3	.6602769

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.058	25896.36	5745.008	1455.879	1925.199
Stddev	16.670	23.69	52.397	4.963	20.767
%RSD	.9044586	.0914937	.9120479	.3409191	1.078669

#1	1838.988	25882.95	5791.758	1460.416	1922.821
#2	1861.386	25923.72	5688.372	1450.578	1947.053
#3	1828.801	25882.42	5754.894	1456.644	1905.725



Sample Name: CCV07 Acquired: 10/14/2019 19:14:15 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030453	5.044280	4.988037	4.996939	5.074485	9.857891
Stddev	.001484	.005733	.007061	.006100	.011288	.398819
%RSD	.0295047	.1136517	.1415632	.1220658	.2224406	4.045682

#1	5.028873	5.042024	4.995908	5.001458	5.073166	9.431484
#2	5.030669	5.040019	4.985943	4.990001	5.063915	9.920464
#3	5.031818	5.050798	4.982259	4.999357	5.086374	10.22172

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.691875	.2525113	24.40531	.9768094	2.512006	2.500545
Stddev	.376806	.0019575	.92984	.0036889	.005912	.102284
%RSD	3.887852	.7752191	3.809992	.3776497	.2353445	4.090483

#1	9.293786	.2510237	23.40106	.9740994	2.511683	2.392818
#2	9.738844	.2517813	24.57848	.9753182	2.518073	2.512477
#3	10.04299	.2547289	25.23639	.9810104	2.506263	2.596340

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.67732	2.514754	1.233002	2.448618	2.550938	5.012067
Stddev	.87453	.002942	.004987	.096264	.012857	.009908
%RSD	3.543842	.1169762	.4044346	3.931340	.5039990	.1976758

#1	23.76055	2.511936	1.227804	2.339957	2.536445	5.009131
#2	24.76903	2.517805	1.233453	2.482669	2.555400	5.023111
#3	25.50238	2.514522	1.237747	2.523228	2.560970	5.003960

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042679	5.076618	4.924456	5.006795	4.804516	4.842115
Stddev	.041188	.008610	.007946	.007043	.159509	.199063
%RSD	.8167935	.1696009	.1613669	.1406725	3.319971	4.111066

#1	5.001604	5.085717	4.925551	5.010687	4.621183	4.628890
#2	5.042454	5.068599	4.931798	5.011033	4.880852	4.874380
#3	5.083980	5.075538	4.916019	4.998664	4.911511	5.023074



Sample Name: CCV07 Acquired: 10/14/2019 19:14:15 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.936175	F 2.640997	5.213527	1.348085	5.307050	25.76307
Stddev	.193166	.003818	.157403	.000254	.166045	.74696
%RSD	3.913281	.1445781	3.019119	.0188574	3.128761	2.899354

#1	4.729004	2.636665	5.033300	1.348377	5.115428	24.94581
#2	4.968182	2.643874	5.283293	1.347959	5.408477	25.93293
#3	5.111339	2.642452	5.323990	1.347917	5.397246	26.41048

Elem	K_7664
Units	ppm
Avg	F 26.14586
Stddev	.87462
%RSD	3.345169

#1	25.18532
#2	26.35596
#3	26.89629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.185	27050.97	5874.658	1490.721	1902.674
Stddev	3.381	63.51	66.175	6.702	1.668
%RSD	.1807883	.2347916	1.126456	.4495884	.0876887

#1	1867.649	27113.88	5940.548	1497.905	1902.037
#2	1874.024	27052.16	5875.225	1489.621	1901.418
#3	1868.882	26986.87	5808.200	1484.637	1904.567



Sample Name: CCB07 Acquired: 10/14/2019 19:17:57 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000621	.0006075	-.001175	-.001778	.0001704	-.018411
Stddev	.005130	.0021617	.000640	.003512	.0011628	.007051
%RSD	825.5394	355.8441	54.42819	197.5862	682.2973	38.29973

#1	-.006301	.0014893	-.001011	-.001139	-.001045	-.017447
#2	.000760	-.001856	-.001881	-.005565	.001273	-.025895
#3	.003677	.002189	-.000634	.001371	.000283	-.011891

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000520	.0001290	-.003387	.0000232	-.000256	-.000179
Stddev	.000578	.0001034	.012372	.0002737	.000422	.000162
%RSD	111.1769	80.17849	365.2733	1182.032	164.8646	90.24542

#1	-.000548	.0000214	-.017437	.0003007	-.000744	-.000011
#2	.000071	.0001379	.001399	.0000154	-.000007	-.000193
#3	-.001084	.0002276	.005877	-.000247	-.000018	-.000334

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045434	.0002288	.0000084	.0024295	-.000164	-.000453
Stddev	.023298	.0003488	.0001326	.0040744	.000327	.002052
%RSD	51.27749	152.4397	1571.698	167.7061	199.2051	453.0788

#1	-.037451	-.000123	-.000144	.0069244	.000009	-.002638
#2	-.027178	.000236	.000068	-.001021	-.000541	.001432
#3	-.071674	.000574	.000101	.001386	.000039	-.000152

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001560	.0007711	-.006339	.0002779	.0006037	-.003085
Stddev	.001611	.0001634	.002351	.0005544	.0006984	.000461
%RSD	103.3239	21.19794	37.08028	199.5178	115.6862	14.93830

#1	.000142	.0005859	-.005064	.0008681	-.000185	-.002690
#2	-.001758	.0008952	-.009052	.0001973	.000852	-.002973
#3	-.003063	.0008321	-.004901	-.000232	.001144	-.003591



Sample Name: CCB07 Acquired: 10/14/2019 19:17:57 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000173	F -.017087	-.002518	.0015228	F -.085820
Stddev	.000066	.000099	.016800	.000744	.0041173	.007497
%RSD	104.7498	57.27615	98.31771	29.55946	270.3693	8.736274

#1	-.000135	-.000148	.000686	-.003377	-.002733	-.093488
#2	-.000006	-.000088	-.032706	-.002071	.001816	-.078506
#3	-.000048	-.000282	-.019242	-.002105	.005486	-.085465

Elem	K_7664
Units	ppm
Avg	.0051178
Stddev	.0392999
%RSD	767.9115

#1	.0057555
#2	-.034497
#3	.044095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.562	27739.86	5908.477	1539.720	2083.324
Stddev	11.436	54.02	66.941	10.613	5.697
%RSD	.5957385	.1947388	1.132958	.6892933	.2734800

#1	1914.894	27776.19	5985.628	1528.906	2079.600
#2	1911.199	27765.60	5874.000	1550.120	2080.490
#3	1932.593	27677.78	5865.802	1540.136	2089.883



Sample Name: K5352-08 Acquired: 10/14/2019 19:22:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002979	-.000992	-.002814	.0059118	.0044876	.0379099
Stddev	.002241	.002372	.000826	.0035072	.0009183	.0086178
%RSD	75.23489	239.1408	29.36677	59.32550	20.46416	22.73238

#1	-.005455	-.001429	-.003733	.0049499	.0039211	.0472875
#2	-.002393	.001569	-.002131	.0097997	.0039945	.0303380
#3	-.001089	-.003115	-.002578	.0029859	.0055471	.0361041

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1824838	.0000806	3.489846	-.000037	.0040406	.0834645
Stddev	.0077721	.0000642	.160970	.000058	.0006272	.0035460
%RSD	4.259080	79.62969	4.612532	156.2575	15.52123	4.248522

#1	.1735186	.0000829	3.304212	.000025	.0034149	.0795384
#2	.1866118	.0001437	3.574512	-.000090	.0040378	.0844210
#3	.1873209	.0000153	3.590813	-.000047	.0046692	.0864342

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7477293	.0022303	.0001333	.0025778	.1558740	.0155842
Stddev	.0211011	.0002513	.0001873	.0012532	.0011093	.0007436
%RSD	2.822023	11.26511	140.5572	48.61501	.7116574	4.771738

#1	.7238303	.0019407	-.000061	.0024206	.1546385	.0148352
#2	.7555698	.0023597	.000148	.0014106	.1561988	.0155950
#3	.7637879	.0023905	.000313	.0039022	.1567846	.0163224

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646584	-.000250	.6867332	-.000140	-.000491	-.004001
Stddev	.0037130	.000313	.0029917	.000733	.000787	.002230
%RSD	5.742570	125.3944	.4356478	524.3999	160.3426	55.72851

#1	.0603898	-.000455	.6845098	-.000689	-.000836	-.006519
#2	.0671410	-.000405	.6855552	.000693	.000410	-.002277
#3	.0664443	.000111	.6901346	-.000423	-.001045	-.003207



Sample Name: K5352-08 Acquired: 10/14/2019 19:22:00 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-S Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246431	-.000438	.2062870	-.000554	.0032515	F 179.6476
Stddev	.0010935	.000072	.0208512	.000308	.0068441	4.9551
%RSD	4.437342	16.34826	10.10785	55.47932	210.4914	2.758236

#1	.0233811	-.000393	.1866024	-.000561	.0059134	173.9567
#2	.0253075	-.000401	.2281359	-.000243	-.004524	181.9799
#3	.0252408	-.000521	.2041226	-.000858	.008365	183.0061

Elem	K_7664
Units	ppm
Avg	.6590316
Stddev	.0307311
%RSD	4.663067

#1	.6315681
#2	.6533027
#3	.6922240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.338	26125.03	5804.780	1426.357	1890.160
Stddev	27.240	26.60	106.113	11.542	29.306
%RSD	1.508865	.1018006	1.828034	.8092134	1.550472

#1	1810.914	26096.35	5919.557	1417.124	1898.648
#2	1775.741	26129.87	5710.248	1422.649	1857.546
#3	1829.358	26148.88	5784.534	1439.297	1914.285



Sample Name: K5352-12 Acquired: 10/14/2019 19:26:04 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004063	-.001811	-.002848	.0003054	.0025822	.0433854
Stddev	.004454	.001903	.001939	.0033478	.0018456	.0067773
%RSD	109.6343	105.0926	68.07219	1096.050	71.47322	15.62117

#1	.000195	-.001496	-.003146	-.003425	.0038723	.0402519
#2	-.008691	-.000085	-.000778	.003050	.0004682	.0387419
#3	-.003692	-.003851	-.004620	.001291	.0034062	.0511625

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2681552	.0002521	2.983959	-.000136	.0007973	.0782087
Stddev	.0176671	.0001022	.223381	.000477	.0008916	.0057579
%RSD	6.588385	40.53639	7.486065	350.0152	111.8193	7.362230

#1	.2570922	.0003615	2.829839	.000118	.0001686	.0747287
#2	.2588432	.0002358	2.881898	.000160	.0004058	.0750426
#3	.2885304	.0001591	3.240141	-.000687	.0018177	.0848549

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6320365	.0012670	-.000127	.0004669	.1850587	.0062182
Stddev	.0396075	.0003862	.000549	.0013901	.0021628	.0033673
%RSD	6.266647	30.47921	432.4393	297.7046	1.168684	54.15295

#1	.6320423	.0015651	.000477	.0018246	.1825873	.0094211
#2	.5924261	.0008308	-.000261	-.000953	.1866053	.0027075
#3	.6716411	.0014052	-.000597	.000530	.1859835	.0065260

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749235	-.000909	.7533394	-.000701	.0005522	-.003500
Stddev	.0044127	.000328	.0100021	.000850	.0017454	.003371
%RSD	5.889580	36.05963	1.327707	121.1523	316.0558	96.32260

#1	.0760633	-.000664	.7648239	.000076	.0002851	-.006531
#2	.0700527	-.000782	.7465382	-.000572	-.001044	-.004100
#3	.0786544	-.001282	.7486559	-.001609	.002416	.000131



Sample Name: K5352-12 Acquired: 10/14/2019 19:26:04 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-20A-D Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213150	-.000583	.1485002	.0000459	.0002702	F 180.3385
Stddev	.0013337	.000160	.0284247	.0002464	.0034592	6.7542
%RSD	6.257202	27.44018	19.14121	537.1400	1280.377	3.745306

#1	.0204243	-.000764	.1270559	-.000239	.0039518	172.8096
#2	.0206725	-.000462	.1377032	.000186	-.000229	182.3404
#3	.0228484	-.000521	.1807415	.000190	-.002912	185.8654

Elem	K_7664
Units	ppm
Avg	.7419963
Stddev	.0539830
%RSD	7.275378

#1	.6800597
#2	.7790523
#3	.7668770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.525	26570.08	5910.493	1462.769	1914.800
Stddev	8.899	207.49	255.909	22.871	13.345
%RSD	.4829938	.7808985	4.329749	1.563511	.6969173

#1	1832.847	26789.32	5881.020	1484.806	1899.736
#2	1844.372	26376.79	6179.862	1439.147	1919.522
#3	1850.355	26544.12	5670.595	1464.353	1925.141



Sample Name: K5323-01DLX10 Acquired: 10/14/2019 19:30:08 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346799	-.027789	2.654699	.0008448	.0228388	48.76785
Stddev	.0031334	.003639	.011980	.0030912	.0033237	1.53150
%RSD	9.035148	13.09458	.4512878	365.9186	14.55271	3.140393

#1	.0360652	-.031112	2.660539	.0008468	.0193093	47.00222
#2	.0368819	-.028355	2.640918	-.002247	.0259089	49.73664
#3	.0310926	-.023900	2.662639	.003935	.0232981	49.56471

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128411	.0294585	26.71123	.5752643	.3196552	1.218158
Stddev	.034110	.0005366	.83016	.0041649	.0020764	.035763
%RSD	3.022877	1.821629	3.107923	.7239971	.6495666	2.935862

#1	1.089150	.0294516	25.77316	.5708666	.3217657	1.176886
#2	1.150775	.0299985	27.35114	.5791489	.3176147	1.240016
#3	1.145307	.0289254	27.00938	.5757775	.3195854	1.237572

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.128851	2.439060	.0057806	.0867679	10.20776	1.093733
Stddev	.229393	.011382	.0004590	.0054281	.00988	.006762
%RSD	2.821955	.4666591	7.941107	6.255930	.0967754	.6182424

#1	7.866133	2.451139	.0052637	.0810145	10.21897	1.097584
#2	8.289458	2.428534	.0061407	.0874908	10.20397	1.085925
#3	8.230962	2.437509	.0059374	.0917983	10.20033	1.097690

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0791202	.1072617	1.669689	.7642250	1.277112	.0369871
Stddev	.0090042	.0001696	.011144	.0042572	.036718	.0032160
%RSD	11.38043	.1580847	.6674577	.5570664	2.875081	8.694939

#1	.0700899	.1072475	1.679251	.7688351	1.235166	.0332741
#2	.0791726	.1074379	1.657450	.7604420	1.292739	.0387879
#3	.0880981	.1070997	1.672366	.7633979	1.303432	.0388993



Sample Name: K5323-01DLX10 Acquired: 10/14/2019 19:30:08 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3626259	-.000436	.1470116	6.088262	F 190.9056	2.786657
Stddev	.0105810	.000748	.0059215	.005814	4.9427	.097855
%RSD	2.917887	171.6272	4.027921	.0954926	2.589072	3.511552

#1	.3504675	.000428	.1402561	6.093343	185.3854	2.682884
#2	.3697485	-.000876	.1494748	6.089520	192.4104	2.799827
#3	.3676616	-.000859	.1513040	6.081922	194.9209	2.877260

Elem	K_7664
Units	ppm
Avg	5.399856
Stddev	.210347
%RSD	3.895412

#1	5.178271
#2	5.424504
#3	5.596793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.897	28320.87	6154.178	1532.042	2066.976
Stddev	4.410	69.15	72.398	5.806	9.991
%RSD	.2269578	.2441642	1.176406	.3789567	.4833514

#1	1938.928	28264.54	6195.470	1525.473	2055.496
#2	1942.120	28300.01	6070.582	1536.485	2071.726
#3	1947.644	28398.04	6196.482	1534.168	2073.706



Sample Name: K5323-03DLX10 Acquired: 10/14/2019 19:34:01 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0126436	k -.017239	k 1.841421	k -.007258	k .0206115	k 25.72519
Stddev	.0064018	.003703	.011101	.008898	.0006863	.92941
%RSD	50.63256	21.48217	.6028525	122.5959	3.329623	3.612823

#1	.0159461	-.016056	1.830178	-.005501	.0198195	24.66606
#2	k .0052650	k -.021390	k 1.841713	k -.016903	k .0209846	k 26.10489
#3	.0167198	-.014272	1.852374	.000630	.0210305	26.40464

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5757421	.0183220	k 18.47720	s .3138461	.2072528	.8465284
Stddev	.0203128	.0003131	.79053	.0187005	.0016169	.0334156
%RSD	3.528105	1.708664	4.278396	5.958496	.7801748	3.947368

#1	.5523647	.0179612	17.57605	.3023598	.2055124	.8085450
#2	.5857784	.0185218	k 19.05380	s .3354246	.2075374	.8596424
#3	.5890834	.0184830	18.80175	.3037540	.2087084	.8713978

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.456007	1.653577	s .0005454	k .0444957	k 6.799478	k .5922448
Stddev	.243364	.003406	.0074123	.0019031	.428230	.0038648
%RSD	4.460485	.2059502	1359.043	4.276966	6.297983	.6525696

#1	5.188735	1.651757	.0049392	.0443979	7.086976	.5903407
#2	5.514474	1.651468	s -.008013	k .0464458	k 6.307319	k .5897016
#3	5.664812	1.657506	.004710	.0426434	7.004137	.5966923

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.023241	.0619142	k 1.945794	k .5718558	.6669667	.0226625
Stddev	.098063	.0003261	.010297	.0022907	.0271381	.0022745
%RSD	421.9330	.5267671	.5291889	.4005678	4.068890	10.03648

#1	.034355	.0620293	1.946409	.5697810	.6360768	.0204094
#2	k -.136469	.0615462	k 1.935203	k .5714725	.6778463	.0226201
#3	.032389	.0621672	1.955770	.5743139	.6869769	.0249578



Sample Name: K5323-03DLX10 Acquired: 10/14/2019 19:34:01 Type: Unk
 Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1685680	k .0046216	k .3029778	k 4.633435	kF 113.2145	1.313041
Stddev	.0067497	.0101342	.0131033	.010093	3.2144	.052469
%RSD	4.004131	219.2811	4.324848	.2178310	2.839206	3.996020

#1	.1609577	-.000928	.3032567	4.626775	109.5573	1.253990
#2	.1709171	k .016319	k .2897372	k 4.645047	k 114.4944	1.330829
#3	.1738293	-.001525	.3159394	4.628482	115.5918	1.354304

Elem	K_7664
Units	ppm
Avg	2.598322
Stddev	.117172
%RSD	4.509528

#1	2.463061
#2	2.663204
#3	2.668701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.914	^ *****	6081.011	1565.223	2074.035
Stddev	11.628	-----	63.458	93.790	6.767
%RSD	.6003114	-----	1.043547	5.992128	.3262866

#1	1928.551	28107.80	6154.286	1498.502	2066.305
#2	1932.000	^ -----	6044.493	1672.460	2076.908
#3	1950.192	28223.90	6044.253	1524.705	2078.892



Sample Name: K5323-03DUPDLX10 Acquired: 10/14/2019 19:37:54 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179355	-.014234	1.772850	-.001546	.0219978	24.54627
Stddev	.0051025	.001691	.002614	.001828	.0008694	1.20778
%RSD	28.44916	11.87802	.1474639	118.2419	3.952151	4.920421

#1	.0228966	-.014354	1.770026	-.001759	.0221431	23.16423
#2	.0127025	-.012486	1.773338	-.003257	.0227853	25.07539
#3	.0182075	-.015861	1.775186	.000379	.0210649	25.39918

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5568152	.0179023	17.72148	.2974829	.1987993	.8130854
Stddev	.0247481	.0004876	.84563	.0010858	.0007098	.0402604
%RSD	4.444577	2.723640	4.771781	.3650044	.3570317	4.951555

#1	.5286306	.0173562	16.75564	.2980653	.1996085	.7670127
#2	.5668225	.0182938	18.08007	.2981533	.1985071	.8307481
#3	.5749926	.0180570	18.32872	.2962301	.1982823	.8414954

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.329589	1.589537	.0048731	.0407530	6.750469	.5721498
Stddev	.250899	.002760	.0004612	.0016809	.069997	.0013242
%RSD	4.707668	.1736302	9.463189	4.124573	1.036916	.2314443

#1	5.047220	1.592602	.0044094	.0399026	6.715883	.5732764
#2	5.414636	1.587247	.0048784	.0396673	6.704497	.5724819
#3	5.526911	1.588764	.0053316	.0426892	6.831026	.5706912

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328465	.0593861	1.863357	.5480418	.6472929	.0203472
Stddev	.0022119	.0005800	.008722	.0012195	.0324781	.0028245
%RSD	6.734195	.9766047	.4681063	.2225130	5.017534	13.88169

#1	.0325028	.0590365	1.873372	.5487499	.6102921	.0173389
#2	.0308265	.0600556	1.859270	.5487418	.6604983	.0207601
#3	.0352101	.0590663	1.857428	.5466337	.6710883	.0229425



Sample Name: K5323-03DUPDLX10 Acquired: 10/14/2019 19:37:54 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1624223	-.001630	.2556195	4.452670	F 108.7744	1.255365
Stddev	.0071957	.000733	.0194198	.007971	3.1338	.049505
%RSD	4.430243	44.93035	7.597131	.1790063	2.880975	3.943469

#1	.1542524	-.000895	.2368160	4.450352	105.3716	1.199376
#2	.1651970	-.001636	.2544407	4.446116	109.4101	1.273379
#3	.1678177	-.002360	.2756018	4.461543	111.5417	1.293342

Elem	K_7664
Units	ppm
Avg	2.469752
Stddev	.077353
%RSD	3.132033

#1	2.381692
#2	2.526728
#3	2.500837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.007	27787.39	6055.908	1538.194	2065.853
Stddev	3.457	74.04	114.466	14.650	2.361
%RSD	.1798492	.2664492	1.890148	.9524058	.1142731

#1	1925.998	27702.65	6186.890	1544.623	2063.897
#2	1919.956	27839.57	5975.080	1548.529	2068.475
#3	1920.068	27819.95	6005.754	1521.429	2065.186



Sample Name: K5323-03LDLX50 Acquired: 10/14/2019 19:41:48 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009039	-.003213	.3667471	.0011112	.0063955	5.111561
Stddev	.0026812	.002529	.0029235	.0020142	.0006341	.184467
%RSD	296.6351	78.69689	.7971339	181.2649	9.915232	3.608824

#1	.0000158	-.000660	.3665961	.0013584	.0057547	4.899263
#2	.0039165	-.005717	.3639020	.0029903	.0070227	5.232721
#3	-.001221	-.003262	.3697431	-.001015	.0064092	5.202698

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1167085	.0038173	3.728592	.0609688	.0410504	.1710802
Stddev	.0037954	.0000129	.132485	.0007159	.0006497	.0076223
%RSD	3.252054	.3379074	3.553227	1.174163	1.582654	4.455413

#1	.1123858	.0038263	3.575753	.0602122	.0403172	.1623076
#2	.1194953	.0038025	3.810714	.0616355	.0412793	.1748496
#3	.1182444	.0038231	3.799309	.0610587	.0415546	.1760836

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.100539	.3306609	.0010866	.0093023	1.444519	.1188753
Stddev	.062960	.0006111	.0008224	.0033004	.002090	.0012305
%RSD	5.720788	.1848148	75.68917	35.47929	.1446643	1.035130

#1	1.028232	.3301826	.0002645	.0055208	1.446029	.1176813
#2	1.143221	.3313493	.0010858	.0116027	1.442134	.1201393
#3	1.130165	.3304506	.0019094	.0107833	1.445393	.1188053

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000359	.0119477	.3755934	.1119608	.1356968	.0029970
Stddev	.000392	.0003065	.0024043	.0003885	.0048536	.0011520
%RSD	109.4238	2.565418	.6401289	.3469629	3.576806	38.43908

#1	-.000454	.0117650	.3770690	.1117254	.1303204	.0017426
#2	-.000695	.0117764	.3728190	.1117478	.1370143	.0032407
#3	.000073	.0123015	.3768920	.1124092	.1397556	.0040076



Sample Name: K5323-03LDLX50 Acquired: 10/14/2019 19:41:48 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338399	-.000755	.0345470	.9400636	F 22.69779	.1601180
Stddev	.0014433	.000298	.0103372	.0037549	.61828	.0204137
%RSD	4.265177	39.49709	29.92208	.3994312	2.723966	12.74917

#1	.0321802	-.000782	.0228852	.9366792	22.04349	.1368525
#2	.0345381	-.000444	.0381737	.9441028	22.77759	.1750304
#3	.0348013	-.001039	.0425823	.9394088	23.27230	.1684712

Elem	K_7664
Units	ppm
Avg	.4896014
Stddev	.0189829
%RSD	3.877224

#1	.4681469
#2	.4964390
#3	.5042184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.589	27786.10	5903.186	1550.145	2074.969
Stddev	5.012	35.50	97.787	15.505	1.755
%RSD	.2604184	.1277663	1.656521	1.000224	.0845600

#1	1921.209	27826.59	6003.774	1532.246	2074.190
#2	1930.347	27760.31	5808.463	1558.749	2076.978
#3	1922.210	27771.40	5897.320	1559.441	2073.739



Sample Name: K5323-03MSDLX10 Acquired: 10/14/2019 19:45:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0984976	.1714392	1.864647	.1857939	.0368499	26.94566
Stddev	.0027775	.0071215	.046604	.0073785	.0006029	1.21176
%RSD	2.819830	4.153941	2.499367	3.971324	1.635990	4.497034

#1	.0957130	.1778978	1.884793	.1941721	.0365986	25.55732
#2	.0985117	.1638019	1.811358	.1802643	.0375378	27.48899
#3	.1012679	.1726181	1.897789	.1829454	.0364135	27.79066

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5952364	.0380127	18.85628	.3405214	.2178397	.8428415
Stddev	.0254492	.0008644	.84583	.0041573	.0045456	.0366934
%RSD	4.275477	2.274077	4.485653	1.220878	2.086690	4.353532

#1	.5660548	.0370393	17.88407	.3360096	.2201622	.8006692
#2	.6068297	.0386910	19.26166	.3441974	.2126020	.8603876
#3	.6128248	.0383077	19.42313	.3413572	.2207549	.8674676

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.971137	1.644943	.0122590	.0729001	6.765442	1.154165
Stddev	.257094	.036247	.0007336	.0072535	.040155	.028557
%RSD	4.305613	2.203512	5.983809	9.949883	.5935262	2.474214

#1	5.674952	1.663905	.0114202	.0702290	6.767001	1.167550
#2	6.101825	1.603149	.0127806	.0673610	6.724531	1.121374
#3	6.136635	1.667776	.0125761	.0811104	6.804795	1.173570

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507927	.0984007	2.957112	.6168507	.7651178	.0439933
Stddev	.0051024	.0021613	.069435	.0131266	.0395459	.0046924
%RSD	10.04562	2.196394	2.348053	2.128000	5.168606	10.66613

#1	.0486722	.0988322	2.996163	.6221750	.7199356	.0389102
#2	.0470925	.0960563	2.876945	.6018985	.7819812	.0449102
#3	.0566135	.1003137	2.998229	.6264787	.7934366	.0481596



Sample Name: K5323-03MSDLX10 Acquired: 10/14/2019 19:45:46 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991208	.0189177	.4160832	4.546711	F 112.5472	1.584692
Stddev	.0094101	.0003187	.0190214	.019249	3.3902	.071803
%RSD	4.725843	1.684421	4.571539	.4233695	3.012274	4.531047

#1	.1884747	.0192747	.3942587	4.549564	108.7026	1.504033
#2	.2025607	.0188164	.4291363	4.526194	113.8305	1.608403
#3	.2063270	.0186620	.4248545	4.564374	115.1084	1.641641

Elem	K_7664
Units	ppm
Avg	3.713316
Stddev	.156459
%RSD	4.213461

#1	3.539963
#2	3.755933
#3	3.844051

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.556	27779.26	5965.775	1535.544	2080.104
Stddev	38.422	41.20	88.581	9.148	40.553
%RSD	1.977931	.1483094	1.484822	.5957531	1.949565

#1	1917.406	27756.56	6064.548	1529.609	2056.092
#2	1986.784	27754.40	5893.378	1546.079	2126.925
#3	1923.478	27826.82	5939.399	1530.944	2057.294



Sample Name: K5323-03MSDDLX10 Acquired: 10/14/2019 19:49:39 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0974795	.1679142	1.851725	.1900399	.0359605	26.25535
Stddev	.0023650	.0019391	.003833	.0025624	.0011188	1.08708
%RSD	2.426136	1.154837	.2070196	1.348346	3.111299	4.140429

#1	.0970579	.1659871	1.847452	.1912079	.0350775	25.03041
#2	.0953536	.1698651	1.854861	.1871016	.0372187	26.63033
#3	.1000269	.1678905	1.852862	.1918101	.0355852	27.10531

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5826792	.0371300	18.43937	.3352293	.2164411	.8202682
Stddev	.0215604	.0005053	.73063	.0002504	.0010449	.0387529
%RSD	3.700225	1.360859	3.962358	.0746916	.4827616	4.724420

#1	.5583708	.0365939	17.60782	.3352099	.2152626	.7776901
#2	.5901772	.0371989	18.73179	.3354889	.2168064	.8296359
#3	.5994896	.0375974	18.97850	.3349892	.2172544	.8534786

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.789678	1.633126	.0118382	.0734767	6.628380	1.143773
Stddev	.256359	.005425	.0003100	.0027936	.024712	.006240
%RSD	4.427869	.3321871	2.619089	3.801952	.3728255	.5455637

#1	5.496714	1.631781	.0120328	.0767020	6.656581	1.140677
#2	5.899428	1.639096	.0120012	.0719049	6.610509	1.150956
#3	5.972893	1.628499	.0114807	.0718230	6.618050	1.139687

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508306	.0975739	2.941388	.6124574	.7520764	.0428272
Stddev	.0054875	.0002838	.017467	.0029116	.0285841	.0043360
%RSD	10.79560	.2909102	.5938243	.4753944	3.800686	10.12444

#1	.0445631	.0976154	2.932181	.6096718	.7211035	.0385038
#2	.0531579	.0972716	2.961532	.6154804	.7576856	.0428020
#3	.0547709	.0978347	2.930451	.6122199	.7774400	.0471758



Sample Name: K5323-03MSDDLX10 Acquired: 10/14/2019 19:49:39 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1950520	.0187705	.3870796	4.457302	F 110.3635	1.562148
Stddev	.0079355	.0005507	.0252095	.003435	3.4486	.062210
%RSD	4.068423	2.933964	6.512731	.0770681	3.124723	3.982335
#1	.1860607	.0193692	.3586237	4.453344	106.4804	1.491278
#2	.1980176	.0186567	.4066191	4.459055	111.5410	1.587429
#3	.2010776	.0182855	.3959961	4.459506	113.0691	1.607738

Elem	K_7664
Units	ppm
Avg	3.683298
Stddev	.150473
%RSD	4.085267
#1	3.509549
#2	3.769464
#3	3.770881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.050	27679.58	5982.525	1536.831	2062.148
Stddev	11.726	71.68	30.630	5.408	12.815
%RSD	.6088254	.2589513	.5119900	.3518713	.6214343
#1	1916.263	27598.30	6016.339	1530.657	2053.883
#2	1922.839	27706.69	5974.601	1539.108	2055.651
#3	1939.047	27733.74	5956.637	1540.728	2076.910



Sample Name: K5323-03ADLX10 Acquired: 10/14/2019 19:53:33 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998140	.1709853	1.892807	.1867946	.0360408	27.04679
Stddev	.0007494	.0021430	.003895	.0035078	.0022728	1.13396
%RSD	.7508304	1.253332	.2057903	1.877896	6.306099	4.192590

#1	.1006558	.1685514	1.891737	.1831544	.0374680	25.76814
#2	.0992194	.1718154	1.889559	.1901530	.0372344	27.44187
#3	.0995669	.1725890	1.897126	.1870764	.0334199	27.93036

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5937534	.0381167	18.89584	.3420760	.2206675	.8453285
Stddev	.0238964	.0008946	.83733	.0011903	.0005145	.0354871
%RSD	4.024630	2.347115	4.431319	.3479683	.2331568	4.198026

#1	.5666282	.0372642	17.95464	.3434207	.2210753	.8056026
#2	.6029335	.0380376	19.17477	.3411571	.2208378	.8564894
#3	.6116984	.0390483	19.55811	.3416504	.2200894	.8738934

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.918842	1.667370	.0126066	.0715315	6.744741	1.173859
Stddev	.266719	.001876	.0004644	.0019971	.030500	.002148
%RSD	4.506267	.1124922	3.684154	2.791910	.4522082	.1829456

#1	5.615639	1.668051	.0121032	.0695315	6.718992	1.173221
#2	6.023646	1.668811	.0130185	.0715374	6.736807	1.176253
#3	6.117241	1.665249	.0126980	.0735257	6.778424	1.172103

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484324	.0997621	3.021355	.6248701	.7643365	.0431119
Stddev	.0002894	.0004136	.002594	.0011832	.0322329	.0037937
%RSD	.5976010	.4146242	.0858547	.1893487	4.217111	8.799667

#1	.0481396	.1001359	3.018614	.6235095	.7278498	.0387374
#2	.0487183	.0993177	3.021681	.6256572	.7762159	.0450988
#3	.0484393	.0998326	3.023771	.6254437	.7889438	.0454995



Sample Name: K5323-03ADLX10 Acquired: 10/14/2019 19:53:33 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1987112	.0191782	.4251712	4.539537	F 112.4083	1.569859
Stddev	.0082999	.0006219	.0149629	.007700	2.5049	.047778
%RSD	4.176855	3.242714	3.519256	.1696318	2.228404	3.043431

#1	.1892044	.0198953	.4084856	4.531094	109.5907	1.515753
#2	.2024137	.0187879	.4296309	4.541341	113.2508	1.587580
#3	.2045154	.0188513	.4373973	4.546175	114.3833	1.606245

Elem	K_7664
Units	ppm
Avg	3.686837
Stddev	.143463
%RSD	3.891224

#1	3.545207
#2	3.832065
#3	3.683238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.826	27794.75	5965.778	1529.547	2047.163
Stddev	7.495	29.08	109.960	6.964	2.715
%RSD	.3916414	.1046257	1.843186	.4552828	.1326410

#1	1917.574	27775.11	6086.608	1532.293	2049.184
#2	1905.196	27828.15	5939.149	1534.718	2044.077
#3	1918.708	27780.97	5871.578	1521.628	2048.230



Sample Name: CCV08 Acquired: 10/14/2019 19:57:26 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.000212	5.005211	4.942037	4.971026	5.039527	9.748488
Stddev	.023985	.036317	.027136	.032014	.008449	.485073
%RSD	.4796850	.7255829	.5490910	.6440146	.1676564	4.975876

#1	4.984686	4.966479	4.916519	4.940500	5.029930	9.191656
#2	5.027837	5.038498	4.970544	5.004345	5.045847	9.974470
#3	4.988113	5.010657	4.939047	4.968232	5.042803	10.07934

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.467640	.2482569	23.85156	.9847647	2.487628	2.450437
Stddev	.460031	.0071776	1.20849	.0538905	.019248	.118953
%RSD	4.858985	2.891208	5.066713	5.472421	.7737327	4.854356

#1	8.949542	.2403011	22.50258	.9552782	2.471714	2.315011
#2	9.625157	.2502231	24.21679	.9520518	2.509021	2.498285
#3	9.828223	.2542466	24.83531	1.046964	2.482149	2.538015

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.99561	2.497343	1.251079	2.397045	2.631377	4.975271
Stddev	1.30540	.016790	.060040	.129129	.142228	.019378
%RSD	5.440164	.6723219	4.799075	5.387014	5.405076	.3894863

#1	22.52334	2.482140	1.215296	2.248616	2.540821	4.953611
#2	24.45176	2.515364	1.217545	2.458975	2.558003	4.981236
#3	25.01173	2.494524	1.320395	2.483545	2.795308	4.990964

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.974352	5.013735	4.912148	4.966406	4.683462	4.733843
Stddev	.111487	.019334	.041665	.026354	.235238	.242218
%RSD	2.241230	.3856129	.8482007	.5306456	5.022741	5.116721

#1	4.853979	4.995186	4.864087	4.936536	4.415861	4.462546
#2	4.995015	5.033768	4.938072	4.986378	4.776902	4.810605
#3	5.074061	5.012253	4.934284	4.976304	4.857624	4.928379



Sample Name: CCV08 Acquired: 10/14/2019 19:57:26 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845050	F 2.614829	5.110401	1.332033	5.206423	25.37288
Stddev	.232072	.005527	.236011	.006022	.176512	.84217
%RSD	4.789871	.2113860	4.618249	.4521051	3.390282	3.319191
#1	4.581362	2.612753	4.846343	1.334920	5.007945	24.43976
#2	4.935559	2.610641	5.184066	1.325111	5.265515	25.60234
#3	5.018230	2.621094	5.300793	1.336069	5.345808	26.07655

Elem	K_7664
Units	ppm
Avg	F 25.88761
Stddev	.85456
%RSD	3.301052
#1	24.91622
#2	26.22305
#3	26.52357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.289	26391.17	5923.744	1413.666	1895.637
Stddev	7.811	1171.32	105.154	65.052	13.387
%RSD	.4185166	4.438309	1.775125	4.601677	.7061851
#1	1872.057	26994.60	6043.086	1454.731	1906.793
#2	1857.401	27137.74	5883.445	1447.605	1880.793
#3	1869.410	25041.17	5844.699	1338.663	1899.326



Sample Name: CCB08 Acquired: 10/14/2019 20:01:07 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002724	.0005748	-.001858	-.002464	-.000270	-.013957
Stddev	.003131	.0035909	.001231	.002250	.000916	.010625
%RSD	114.9508	624.7115	66.28650	91.32871	338.8253	76.12627

#1	-.006326	.0036696	-.002478	-.002339	-.001329	-.003481
#2	-.000655	.0014172	-.000439	-.000279	.000261	-.013665
#3	-.001191	-.003362	-.002656	-.004774	.000257	-.024725

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000771	.0000538	-.008967	-.000531	.0001151	-.000411
Stddev	.000371	.0000967	.002637	.000230	.0002257	.000470
%RSD	48.04150	179.7131	29.40698	43.29598	196.0605	114.5989

#1	-.001142	.0000662	-.007768	-.000395	-.000078	.000115
#2	-.000771	-.000048	-.011991	-.000796	.000363	-.000555
#3	-.000401	.000144	-.007143	-.000401	.000060	-.000792

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019884	-.000173	.0003186	.0005245	.0000420	-.000531
Stddev	.017199	.000370	.0007579	.0037643	.0002394	.002373
%RSD	86.49659	214.0666	237.8613	717.7397	569.9479	446.8858

#1	-.002057	-.000126	-.000484	-.002909	-.000068	-.000021
#2	-.036378	.000171	.001023	.004550	-.000123	.001545
#3	-.021218	-.000564	.000417	-.000068	.000317	-.003117

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001355	.0009716	F -.011596	.0004357	.0016039	-.004080
Stddev	.001155	.0006147	.004681	.0008921	.0011154	.001140
%RSD	85.23193	63.27175	40.36506	204.7521	69.54091	27.94520

#1	-.001767	.0012990	-.012597	.0012872	.0006924	-.005293
#2	-.000051	.0013533	-.006496	-.000492	.0028477	-.003031
#3	-.002248	.0002624	-.015695	.000512	.0012716	-.003916



Sample Name: CCB08 Acquired: 10/14/2019 20:01:07 Type: Unk
Method: NON EPA-6010-200.7(v21) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	-.000483	F -.014804	-.001489	.0058931	F -.137794
Stddev	.000069	.000123	.021013	.000531	.0048160	.007054
%RSD	105.9997	25.45226	141.9405	35.67861	81.72266	5.119280

#1	-.000136	-.000341	-.004024	-.002049	.0021621	-.142491
#2	-.000059	-.000559	-.001369	-.001428	.0113297	-.141209
#3	.000001	-.000548	-.039019	-.000991	.0041874	-.129683

Elem	K_7664
Units	ppm
Avg	F -.063499
Stddev	.008523
%RSD	13.42294

#1	-.073305
#2	-.059318
#3	-.057873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.009	27782.37	5857.570	1509.828	2069.730
Stddev	18.320	10.38	76.586	9.825	22.571
%RSD	.9556518	.0373607	1.307474	.6507206	1.090532

#1	1913.685	27783.79	5945.336	1513.343	2061.998
#2	1900.579	27771.36	5823.085	1498.730	2052.041
#3	1936.763	27791.97	5804.289	1517.412	2095.151

