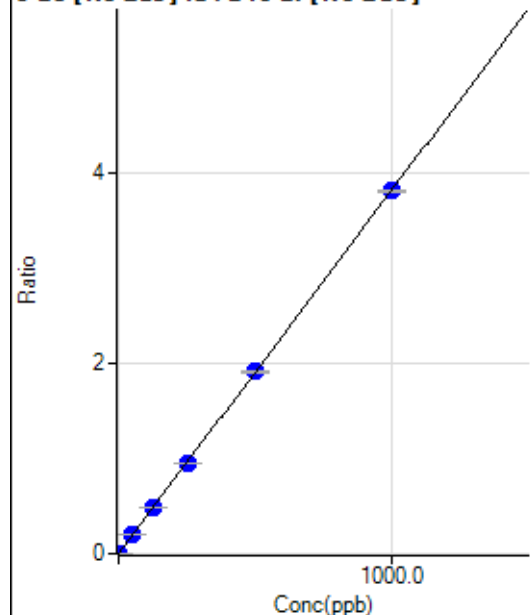


Batch Folder: D:\ICP-MS Data\P7021317.b\
Analysis File: P7021317.batch.bin
DA Date-Time: 2017-02-14 15:58:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-13 17:29:21
2			
3	004CALS.d	S02	2017-02-13 17:37:12
4	005CALS.d	S03	2017-02-13 17:41:07
5	006CALS.d	S04	2017-02-13 17:45:01
6	007CALS.d	S05	2017-02-13 17:48:53
7	008CALS.d	S06	2017-02-13 17:52:41
8	009CALS.d	S07	2017-02-13 17:56:24
9	010CALS.d	S08	2017-02-13 18:00:03

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.86	0.0007	P	19.2
2	☐	0.100					
3	☐	1.000	0.818	568.55	0.0038	P	13.5
4	☐	50.000	50.612	29191.47	0.1939	P	1.6
5	☐	125.000	128.517	73738.08	0.4913	P	0.1
6	☐	250.000	250.689	147894.32	0.9576	P	0.3
7	☐	500.000	500.773	295783.22	1.9122	P	0.8
8	☐	1000.000	998.971	576510.09	3.8139	P	0.3
9	☐			122.22	0.0008	P	19.2

$$y = 0.0038 * x + 6.8968E-004$$

$$R = 1.0000$$

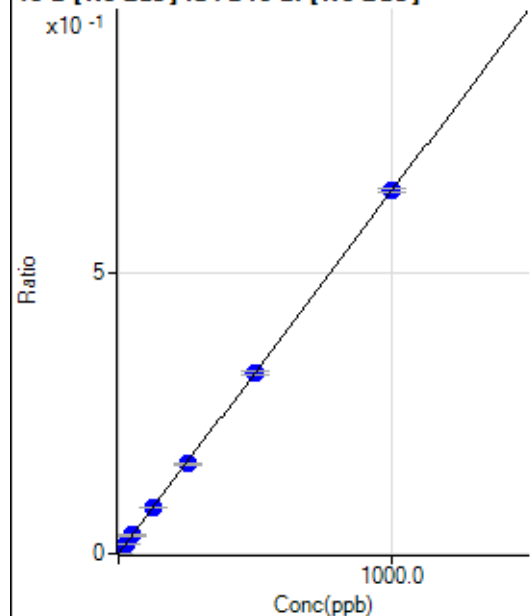
$$DL = 0.104$$

$$BEC = 0.1807$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0002	P	63.0
2	☐	2.500					
3	☐	25.000	25.374	2469.75	0.0166	P	1.8
4	☐	50.000	52.156	5092.72	0.0338	P	9.0
5	☐	125.000	127.332	12355.56	0.0823	P	1.8
6	☐	250.000	247.820	24709.84	0.1600	P	1.5
7	☐	500.000	497.913	49687.88	0.3213	P	2.4
8	☐	1000.000	1001.180	97614.49	0.6458	P	1.0
9	☐			1805.73	0.0123	P	9.6

$$y = 6.4479E-004 * x + 2.0693E-004$$

$$R = 1.0000$$

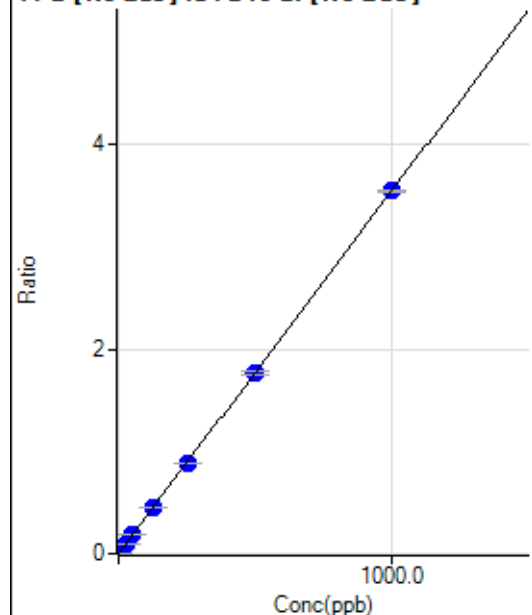
$$DL = 0.6067$$

$$BEC = 0.3209$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0010	P	33.6
2	☐	2.500					
3	☐	25.000	25.881	13823.42	0.0927	P	2.3
4	☐	50.000	51.639	27704.10	0.1840	P	2.5
5	☐	125.000	125.886	67113.63	0.4471	P	1.2
6	☐	250.000	248.311	136057.27	0.8810	P	0.7
7	☐	500.000	498.380	273324.91	1.7672	P	2.1
8	☐	1000.000	1001.018	536381.61	3.5484	P	0.5
9	☐			9798.03	0.0669	P	8.5

$$y = 0.0035 * x + 0.0010$$

$$R = 1.0000$$

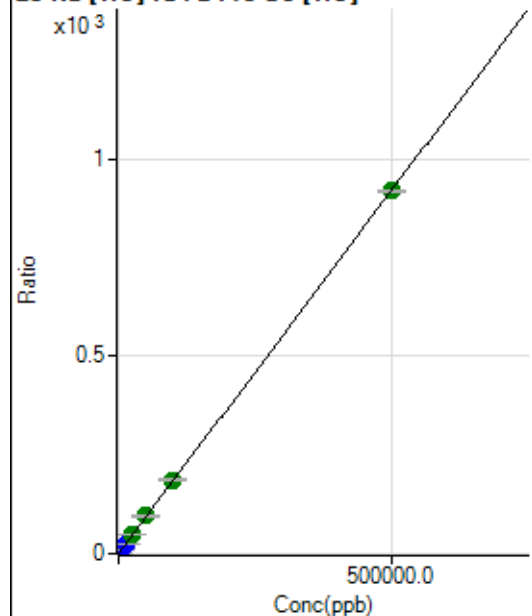
$$DL = 0.2887$$

$$BEC = 0.2864$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6990.76	0.0482	P	3.1
2	☐	50.000					
3	☐	500.000	514.401	143662.14	0.9938	P	2.0
4	☐	5000.000	5306.988	1418824.00	9.8037	P	1.2
5	☐	12500.000	13221.113	3547016.40	24.3517	P	0.4
6	☐	25000.000	26172.554	6936896.77	48.1596	A	1.3
7	☐	50000.000	51637.054	13930038.68	94.9694	A	0.4
8	☐	100000.00	101528.19	27856727.71	186.6811	A	0.8
9	☐	500000.00	499450.91	132945658.5	918.1577	A	0.5

$$y = 0.0018 * x + 0.0482$$

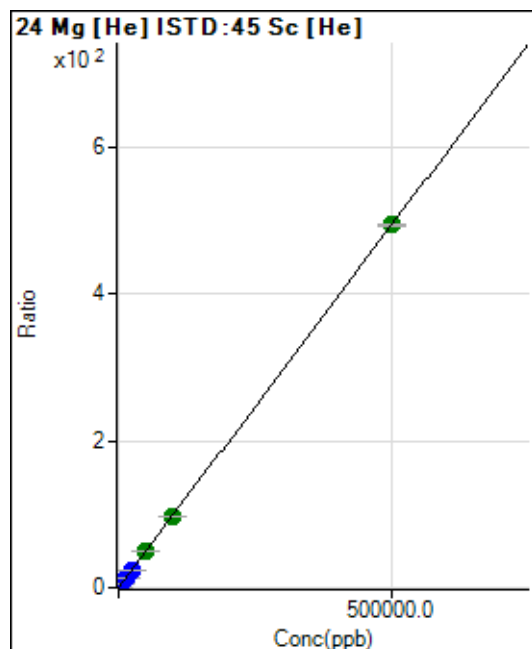
$$R = 1.0000$$

$$DL = 2.425$$

$$BEC = 26.22$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372.24	0.0026	P	13.5
2	☐	50.000					
3	☐	500.000	500.570	71780.82	0.4965	P	0.8
4	☐	5000.000	5088.098	726979.76	5.0230	P	1.1
5	☐	12500.000	12647.096	1817949.44	12.4815	P	1.0
6	☐	25000.000	25035.604	3558547.17	24.7053	P	1.1
7	☐	50000.000	49696.401	7192900.16	49.0383	A	0.3
8	☐	100000.00	98098.552	14444309.35	96.7970	A	0.5
9	☐	500000.00	500404.31	71494415.49	493.7543	A	0.4

$$y = 9.8671\text{E-}004 * x + 0.0026$$

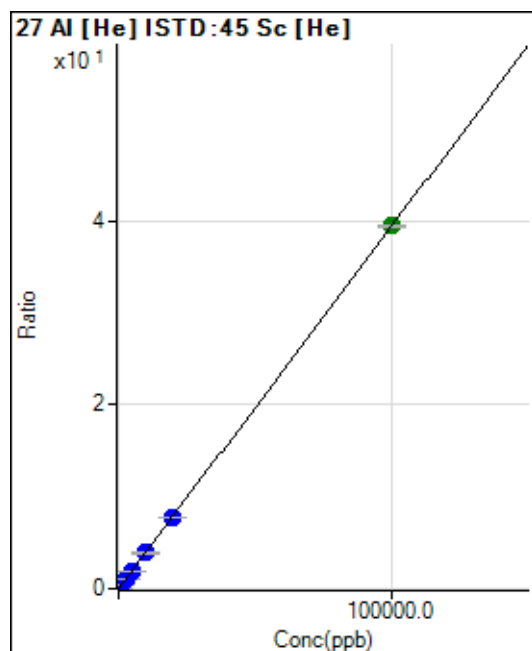
$$R = 1.0000$$

$$DL = 1.051$$

$$BEC = 2.601$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0002	P	49.8
2	☐	2.000					
3	☐	20.000	20.109	1177.87	0.0082	P	6.5
4	☐	1000.000	988.866	56421.40	0.3898	P	0.8
5	☐	2500.000	2483.048	142520.23	0.9785	P	1.1
6	☐	5000.000	4940.661	280420.14	1.9468	P	0.7
7	☐	10000.000	9823.384	567722.12	3.8705	P	0.6
8	☐	20000.000	19421.414	1141870.63	7.6520	P	0.2
9	☐	100000.00	100136.88	5712792.66	39.4530	A	0.3

$$y = 3.9399\text{E-}004 * x + 2.2979\text{E-}004$$

$$R = 1.0000$$

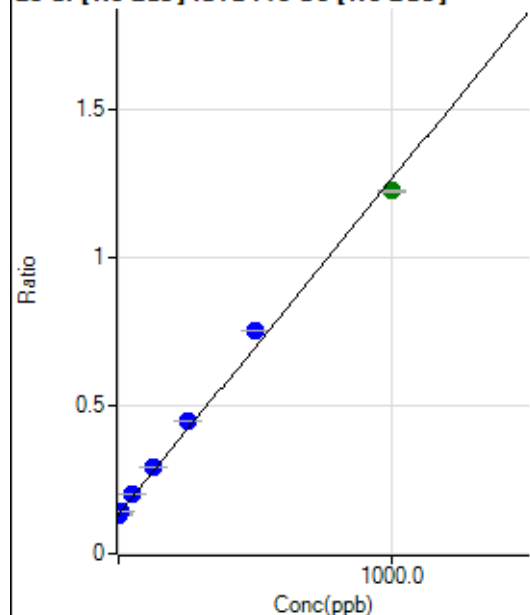
$$DL = 0.8714$$

$$BEC = 0.5832$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	415112.51	0.1328	P	0.7
2	☐	1.000					
3	☐	10.000	6.537	442070.77	0.1402	P	0.4
4	☐	50.000	57.965	623873.46	0.1982	P	0.3
5	☐	125.000	139.317	917240.55	0.2901	P	0.2
6	☐	250.000	280.113	1415968.35	0.4490	P	0.4
7	☐	500.000	549.226	2386000.51	0.7528	P	0.3
8	☐	1000.000	965.705	3876658.98	1.2229	A	0.5
9	☐			459815.60	0.1498	P	0.4

$$y = 0.0011 * x + 0.1328$$

$$R = 0.9975$$

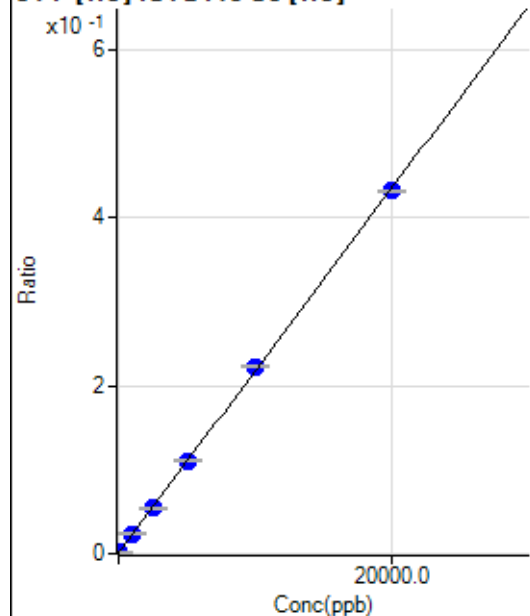
$$DL = 2.362$$

$$BEC = 117.7$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.649	83.34	0.0006	P	62.4
2	☐	0.000					
3	☐	0.000	14.649	175.01	0.0012	P	28.9
4	☐	1000.000	1037.813	3383.85	0.0234	P	5.4
5	☐	2500.000	2442.409	7838.47	0.0538	P	4.3
6	☐	5000.000	5064.923	15939.68	0.1107	P	3.1
7	☐	10000.000	10236.321	32675.49	0.2228	P	0.9
8	☐	20000.000	19870.917	64406.50	0.4316	P	0.8
9	☐			133.34	0.0009	P	31.9

$$y = 2.1675E-005 * x + 8.9259E-004$$

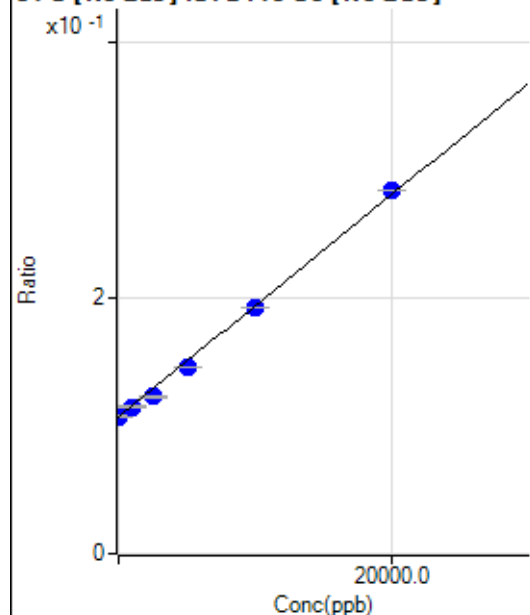
$$R = 0.9999$$

$$DL = 49.04$$

$$BEC = 41.18$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-41.631	334296.03	0.1070	P	0.3
2	☐	0.000					
3	☐	0.000	41.631	339546.93	0.1077	P	0.2
4	☐	1000.000	883.506	361872.84	0.1150	P	1.2
5	☐	2500.000	1784.899	388403.17	0.1228	P	0.8
6	☐	5000.000	4452.939	460502.75	0.1460	P	0.7
7	☐	10000.000	9818.997	610707.89	0.1927	P	0.3
8	☐	20000.000	20322.479	900252.70	0.2840	P	0.1
9	☐			329630.07	0.1074	P	0.8

$$y = 8.6937\text{E-}006 * x + 0.1073$$

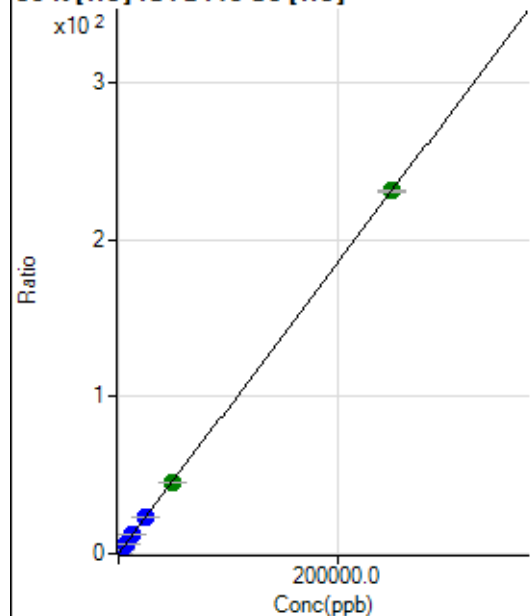
$$R = 0.9991$$

$$DL = 92.43$$

$$BEC = 1.234\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20542.67	0.1416	P	2.1
2	☐	50.000					
3	☐	500.000	477.600	84214.63	0.5825	P	0.8
4	☐	2500.000	2546.718	360707.63	2.4924	P	0.7
5	☐	6250.000	6309.658	868871.20	5.9657	P	1.4
6	☐	12500.000	12625.854	1699115.21	11.7958	P	0.7
7	☐	25000.000	24859.891	3386548.77	23.0884	P	0.3
8	☐	50000.000	49280.430	6808887.74	45.6295	A	0.8
9	☐	250000.00	250149.71	33453831.65	231.0401	A	0.7

$$y = 9.2304\text{E-}004 * x + 0.1416$$

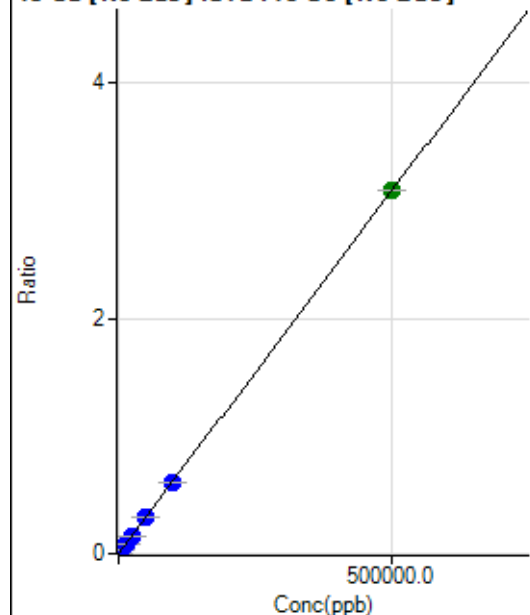
$$R = 1.0000$$

$$DL = 9.602$$

$$BEC = 153.5$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0001	P	30.2
2	☐	50.000					
3	☐	500.000	475.336	9400.61	0.0030	P	1.2
4	☐	5000.000	5009.234	97241.16	0.0309	P	0.7
5	☐	12500.000	12318.948	240039.03	0.0759	P	0.7
6	☐	25000.000	24802.185	481794.05	0.1528	P	0.4
7	☐	50000.000	49391.214	964148.96	0.3042	P	0.4
8	☐	100000.00	97932.878	1911786.24	0.6031	P	0.3
9	☐	500000.00	500488.65	9458217.83	3.0819	A	0.1

$$y = 6.1576E-006 * x + 5.4241E-005$$

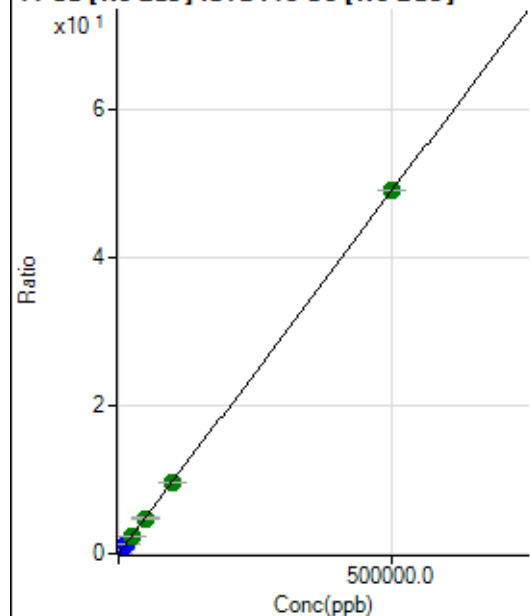
$$R = 1.0000$$

$$DL = 7.984$$

$$BEC = 8.809$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8022.02	0.0026	P	3.2
2	☐	50.000					
3	☐	500.000	481.556	156736.73	0.0497	P	0.3
4	☐	5000.000	5007.074	1550455.42	0.4927	P	0.6
5	☐	12500.000	12377.806	3839296.79	1.2142	P	0.1
6	☐	25000.000	24810.022	7666680.38	2.4311	A	0.4
7	☐	50000.000	48989.938	15207241.66	4.7979	A	0.8
8	☐	100000.00	97938.779	30397193.04	9.5892	A	0.5
9	☐	500000.00	500525.75	150367688.0	48.9961	A	0.1

$$y = 9.7884E-005 * x + 0.0026$$

$$R = 1.0000$$

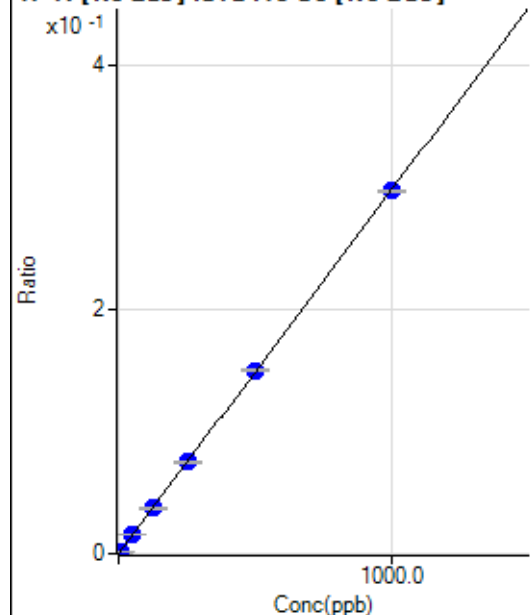
$$DL = 2.553$$

$$BEC = 26.22$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	18.1
2	☐	0.500					
3	☐	5.000	4.746	4550.91	0.0014	P	3.8
4	☐	50.000	50.391	47237.80	0.0150	P	0.9
5	☐	125.000	124.840	117437.20	0.0371	P	1.4
6	☐	250.000	251.830	236158.24	0.0749	P	1.5
7	☐	500.000	503.551	474494.30	0.1497	P	0.7
8	☐	1000.000	997.769	940205.55	0.2966	P	0.5
9	☐			1000.08	0.0003	P	5.8

$$y = 2.9723E-004 * x + 3.2861E-005$$

$$R = 1.0000$$

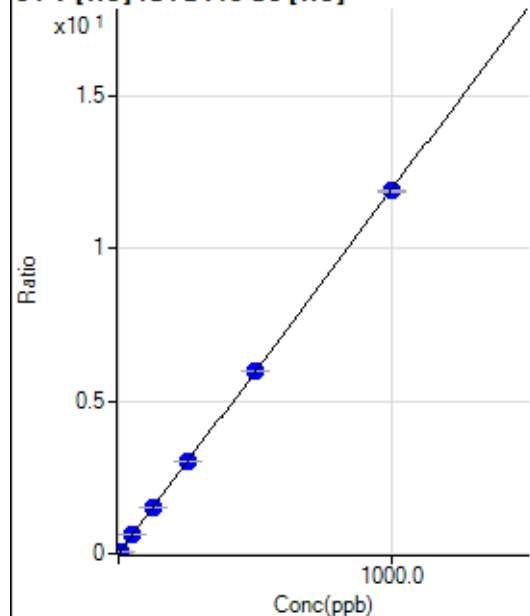
$$DL = 0.06011$$

$$BEC = 0.1106$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0005	P	30.3
2	☐	0.500					
3	☐	5.000	4.934	8582.62	0.0594	P	2.0
4	☐	50.000	50.947	88009.36	0.6081	P	1.1
5	☐	125.000	126.327	219524.28	1.5071	P	0.4
6	☐	250.000	254.517	437292.61	3.0359	P	1.0
7	☐	500.000	503.911	881561.63	6.0102	P	0.0
8	☐	1000.000	996.703	1773843.85	11.8872	P	0.3
9	☐			452.24	0.0031	P	7.8

$$y = 0.0119 * x + 5.3626E-004$$

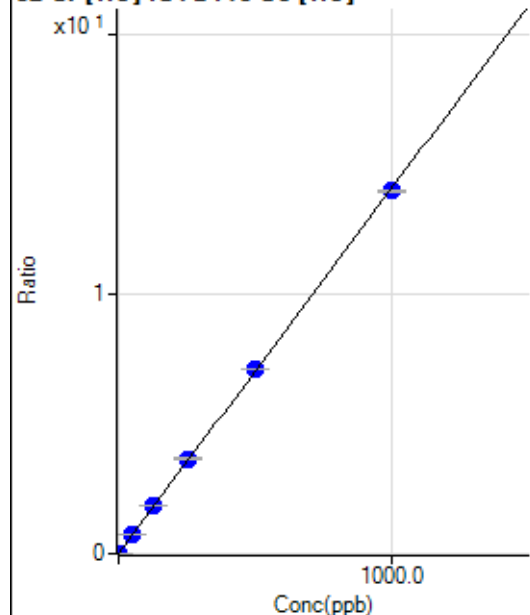
$$R = 1.0000$$

$$DL = 0.04088$$

$$BEC = 0.04497$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	913.38	0.0063	P	6.3
2	☐	0.200					
3	☐	2.000	2.106	5186.54	0.0359	P	2.8
4	☐	50.000	52.244	107106.54	0.7401	P	0.6
5	☐	125.000	129.474	265789.63	1.8248	P	0.4
6	☐	250.000	259.221	525316.67	3.6471	P	1.2
7	☐	500.000	506.610	1044590.64	7.1217	P	0.1
8	☐	1000.000	993.718	2083639.15	13.9631	P	0.4
9	☐			45901.42	0.3170	P	0.3

$$y = 0.0140 * x + 0.0063$$

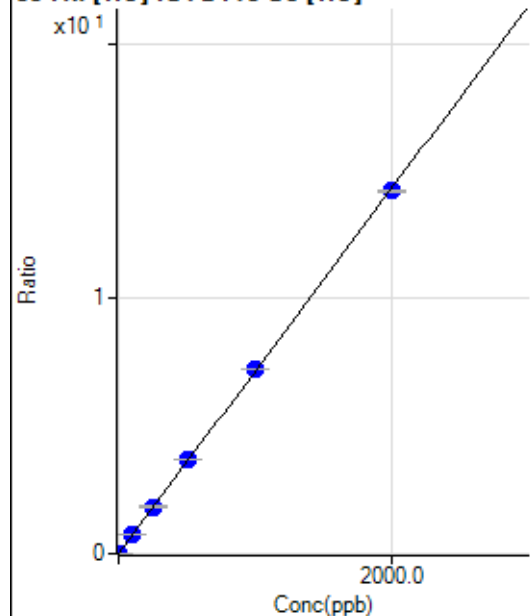
$$R = 0.9999$$

$$DL = 0.08512$$

$$BEC = 0.4485$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0006	P	34.6
2	☐	0.100					
3	☐	1.000	0.973	1094.50	0.0076	P	6.1
4	☐	100.000	103.497	107229.21	0.7409	P	1.3
5	☐	250.000	257.860	268735.36	1.8450	P	0.9
6	☐	500.000	516.113	531837.91	3.6923	P	1.0
7	☐	1000.000	1013.890	1063832.56	7.2528	P	0.2
8	☐	2000.000	1987.869	2121903.16	14.2195	P	0.4
9	☐			8025.64	0.0554	P	3.2

$$y = 0.0072 * x + 6.1362E-004$$

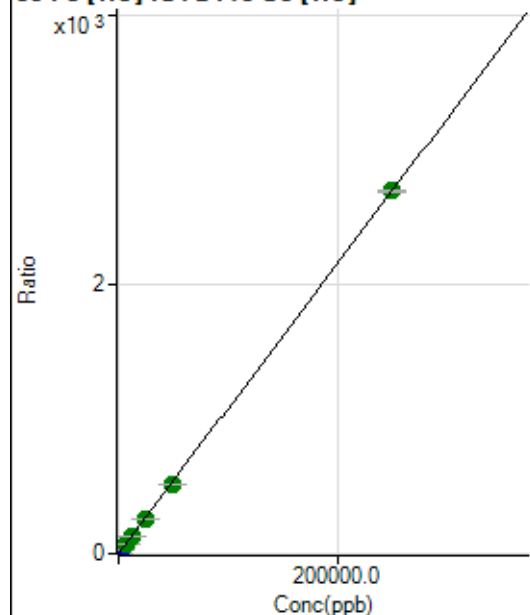
$$R = 0.9999$$

$$DL = 0.08901$$

$$BEC = 0.08579$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2857.77	0.0197	P	4.2
2	☐	5.000					
3	☐	50.000	50.716	81741.36	0.5654	P	0.7
4	☐	2500.000	2574.220	4011141.44	27.7167	P	1.3
5	☐	6250.000	6215.060	9742121.05	66.8898	A	1.4
6	☐	12500.000	12426.867	19261784.69	133.7249	A	1.0
7	☐	25000.000	24297.225	38347862.89	261.4424	A	0.4
8	☐	50000.000	47559.284	76360166.52	511.7274	A	0.9
9	☐	250000.00	250562.20	390354816.1	2,695.910	A	0.6

$$y = 0.0108 * x + 0.0197$$

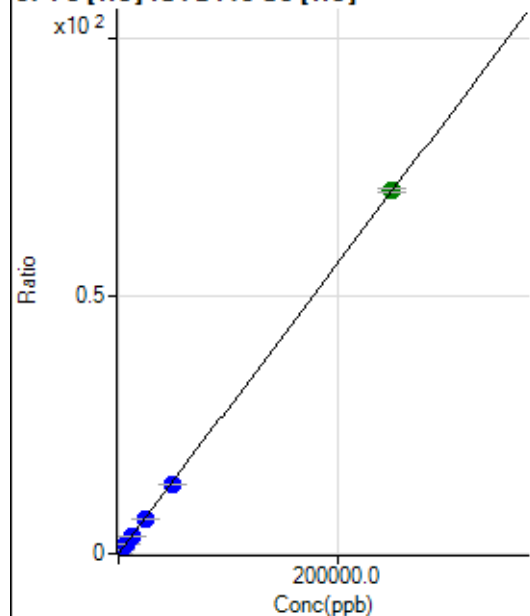
$$R = 0.9999$$

$$DL = 0.2318$$

$$BEC = 1.831$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.85	0.0004	P	22.6
2	☐	5.000					
3	☐	50.000	48.440	2016.86	0.0139	P	5.3
4	☐	2500.000	2498.052	101439.18	0.7009	P	1.4
5	☐	6250.000	6243.082	255067.79	1.7512	P	0.8
6	☐	12500.000	12360.917	499371.06	3.4669	P	1.2
7	☐	25000.000	24161.838	993951.23	6.7764	P	0.4
8	☐	50000.000	47291.003	1979147.50	13.2629	P	0.2
9	☐	250000.00	250632.76	10177269.21	70.2893	A	1.2

$$y = 2.8045E-004 * x + 3.5769E-004$$

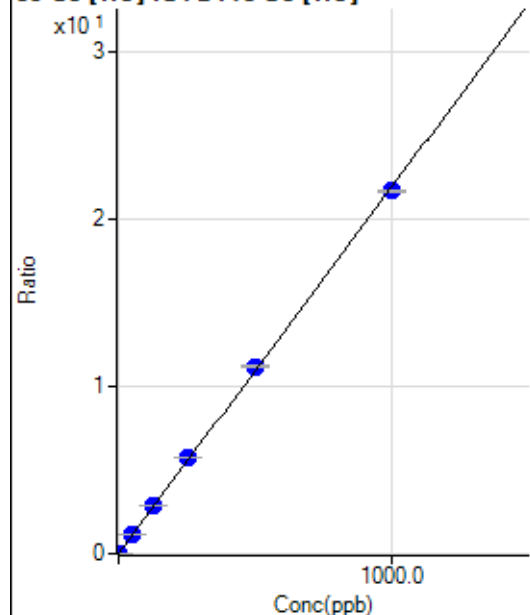
$$R = 0.9999$$

$$DL = 0.8652$$

$$BEC = 1.275$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	317.79	0.0022	P	6.1
2	☐	0.100					
3	☐	1.000	0.995	3466.02	0.0240	P	3.9
4	☐	50.000	53.099	168484.53	1.1642	P	1.0
5	☐	125.000	131.065	418069.37	2.8703	P	1.1
6	☐	250.000	262.418	827477.21	5.7448	P	1.3
7	☐	500.000	511.112	1640877.51	11.1870	P	0.6
8	☐	1000.000	990.427	3234605.92	21.6761	P	0.2
9	☐			4128.42	0.0285	P	5.5

$$y = 0.0219 * x + 0.0022$$

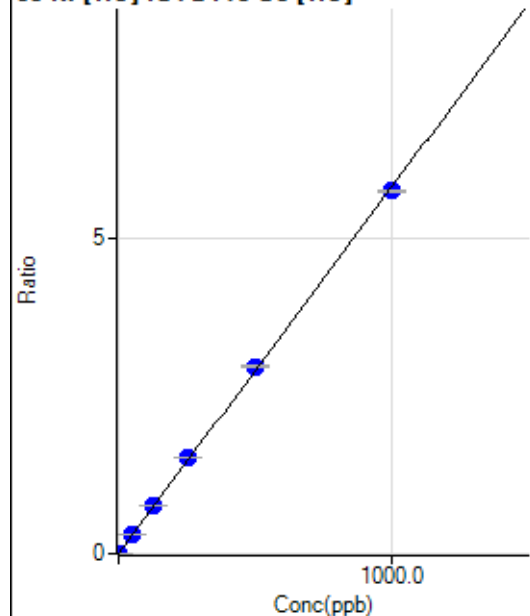
$$R = 0.9998$$

$$DL = 0.01847$$

$$BEC = 0.1001$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.12	0.0007	P	13.4
2	☐	0.100					
3	☐	1.000	1.009	946.71	0.0066	P	7.2
4	☐	50.000	54.293	45691.10	0.3157	P	0.6
5	☐	125.000	130.819	110656.90	0.7597	P	1.2
6	☐	250.000	261.398	218567.55	1.5174	P	0.5
7	☐	500.000	511.528	435436.16	2.9686	P	0.3
8	☐	1000.000	990.445	857643.50	5.7474	P	0.2
9	☐			10412.73	0.0719	P	0.6

$$y = 0.0058 * x + 6.9728E-004$$

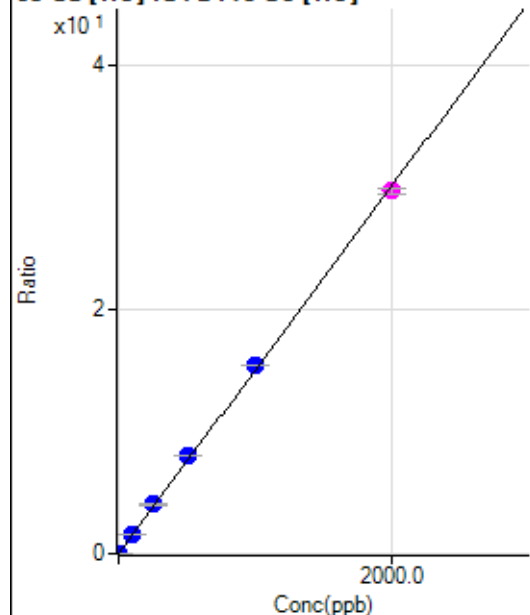
$$R = 0.9998$$

$$DL = 0.04839$$

$$BEC = 0.1202$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	317.78	0.0022	P	9.5
2	☐	0.200					
3	☐	2.000	2.119	4919.79	0.0341	P	6.4
4	☐	100.000	108.334	236066.71	1.6312	P	1.3
5	☐	250.000	267.352	585862.77	4.0223	P	1.1
6	☐	500.000	531.822	1152224.89	7.9991	P	0.6
7	☐	1000.000	1027.328	2266165.40	15.4500	P	0.7
8	☐	2000.000	1975.795	4433632.61	29.7120	M	1.2
9	☐			6196.96	0.0428	P	2.1

$$y = 0.0150 * x + 0.0022$$

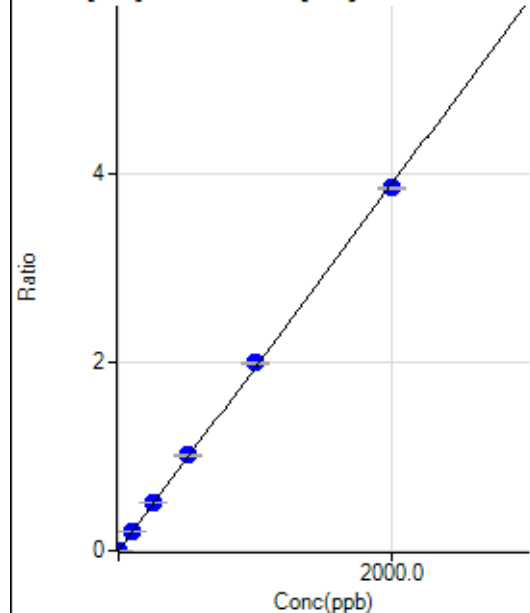
$$R = 0.9997$$

$$DL = 0.04162$$

$$BEC = 0.1457$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0005	P	26.7
2	☐	0.200					
3	☐	2.000	2.068	648.91	0.0045	P	7.1
4	☐	100.000	105.433	29767.17	0.2057	P	2.4
5	☐	250.000	263.385	74746.73	0.5132	P	0.7
6	☐	500.000	520.733	146075.81	1.0141	P	1.1
7	☐	1000.000	1023.958	292433.44	1.9937	P	0.4
8	☐	2000.000	1980.893	575470.19	3.8565	P	0.8
9	☐			2972.57	0.0205	P	3.5

$$y = 0.0019 * x + 4.6692E-004$$

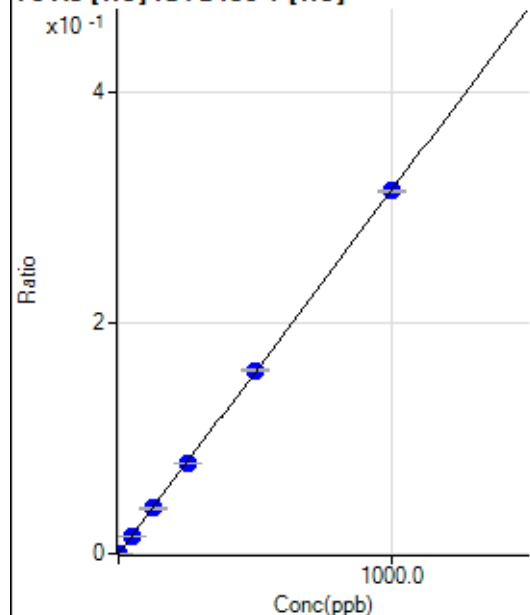
$$R = 0.9998$$

$$DL = 0.192$$

$$BEC = 0.2399$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.45	0.0000	P	4.6
2	☐	0.100					
3	☐	1.000	0.910	223.46	0.0003	P	4.8
4	☐	50.000	49.177	10913.41	0.0155	P	0.5
5	☐	125.000	125.034	27586.63	0.0393	P	1.3
6	☐	250.000	248.289	55073.40	0.0781	P	0.8
7	☐	500.000	503.937	111822.36	0.1585	P	0.7
8	☐	1000.000	998.496	225891.02	0.3139	P	0.3
9	☐			312.97	0.0004	P	5.2

$$y = 3.1437\text{E-}004 * x + 3.3278\text{E-}005$$

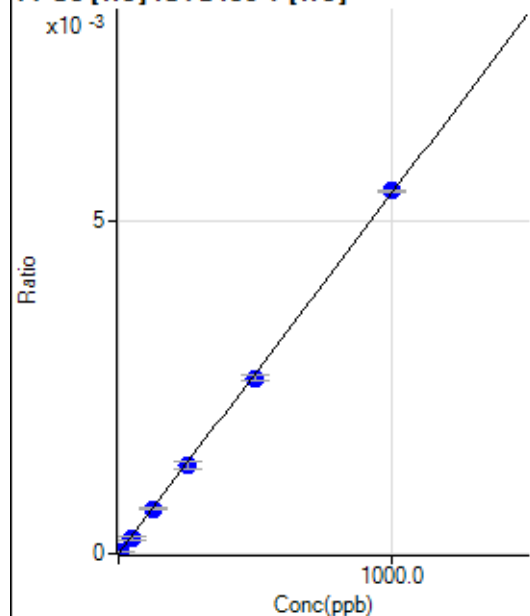
$$R = 1.0000$$

$$DL = 0.01468$$

$$BEC = 0.1059$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.287	20.00	0.0000	P	57.7
4	☐	50.000	43.810	166.67	0.0002	P	26.9
5	☐	125.000	125.206	474.46	0.0007	P	4.8
6	☐	250.000	246.277	938.94	0.0013	P	7.4
7	☐	500.000	488.010	1861.26	0.0026	P	4.0
8	☐	1000.000	1007.208	3917.26	0.0054	P	0.4
9	☐			14.45	0.0000	P	26.6

$$y = 5.4050\text{E-}006 * x + 0.0000\text{E+}000$$

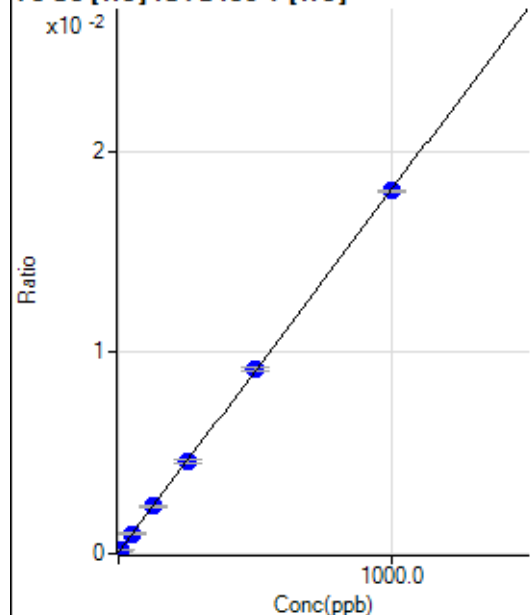
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.23	0.0001	P	23.6
2	☐	0.500					
3	☐	5.000	5.258	117.29	0.0002	P	9.5
4	☐	50.000	51.088	700.02	0.0010	P	2.1
5	☐	125.000	126.223	1647.02	0.0023	P	2.8
6	☐	250.000	249.972	3229.40	0.0046	P	3.1
7	☐	500.000	506.509	6494.72	0.0092	P	2.2
8	☐	1000.000	996.544	12979.34	0.0180	P	0.5
9	☐			68.52	0.0001	P	9.5

$$y = 1.8027\text{E-}005 * x + 7.2756\text{E-}005$$

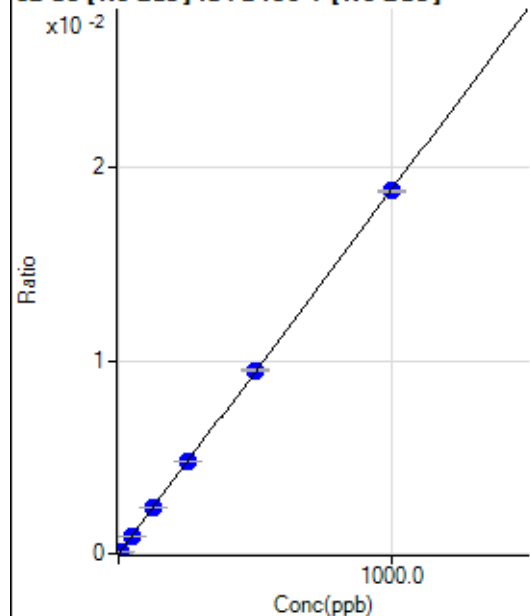
$$R = 1.0000$$

$$DL = 2.855$$

$$BEC = 4.036$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.87	0.0000	P	1117.
2	☐	0.500					
3	☐	5.000	4.704	441.91	0.0001	P	6.6
4	☐	50.000	49.462	4593.10	0.0009	P	2.1
5	☐	125.000	125.946	11614.25	0.0024	P	1.5
6	☐	250.000	252.951	23227.26	0.0048	P	0.6
7	☐	500.000	503.578	46832.23	0.0095	P	1.0
8	☐	1000.000	997.383	92337.51	0.0188	P	0.7
9	☐			161.20	0.0000	P	36.1

$$y = 1.8843\text{E-}005 * x + 1.3695\text{E-}006$$

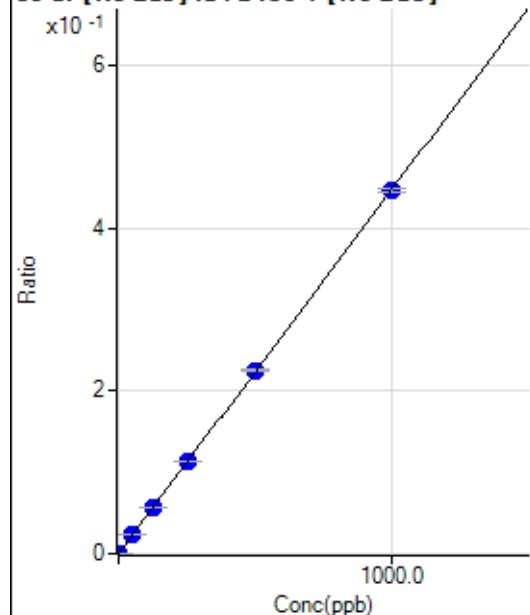
$$R = 1.0000$$

$$DL = 2.437$$

$$BEC = 0.07268$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	597.26	0.0001	P	3.7
2	☐	0.100					
3	☐	1.000	0.966	2711.49	0.0006	P	6.3
4	☐	50.000	50.733	112096.43	0.0228	P	1.2
5	☐	125.000	127.788	279773.01	0.0572	P	0.8
6	☐	250.000	252.583	550231.52	0.1129	P	0.3
7	☐	500.000	502.672	1108560.68	0.2246	P	1.2
8	☐	1000.000	997.633	2189747.36	0.4457	P	1.2
9	☐			63917.82	0.0136	P	1.9

$$y = 4.4666\text{E-}004 * x + 1.2058\text{E-}004$$

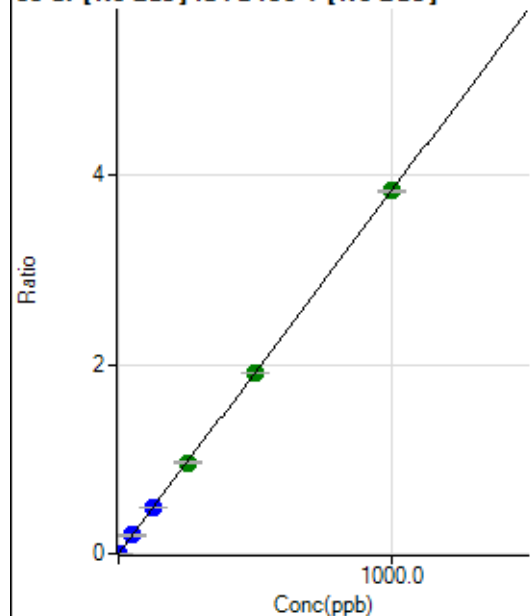
$$R = 1.0000$$

$$DL = 0.03037$$

$$BEC = 0.27$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.918	17438.94	0.0036	P	1.6
4	☐	50.000	50.427	952601.35	0.1936	P	0.9
5	☐	125.000	125.575	2357828.44	0.4821	P	0.4
6	☐	250.000	251.503	4703358.57	0.9654	A	0.7
7	☐	500.000	498.935	9451099.08	1.9152	A	0.7
8	☐	1000.000	1000.063	18859496.78	3.8388	A	0.8
9	☐			543377.68	0.1153	P	0.1

$$y = 0.0038 * x + 2.8605\text{E-}005$$

$$R = 1.0000$$

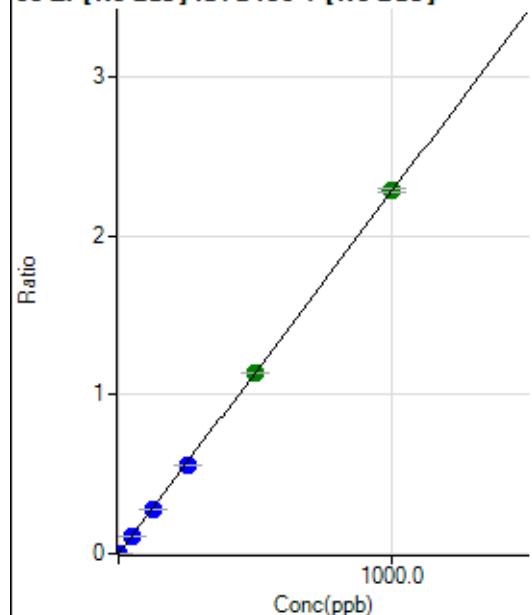
$$DL = 0.003521$$

$$BEC = 0.007452$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.676	7846.88	0.0016	P	5.3
4	☐	50.000	48.513	543313.59	0.1104	P	0.4
5	☐	125.000	123.282	1371936.21	0.2805	P	0.4
6	☐	250.000	244.776	2712892.08	0.5569	P	0.8
7	☐	500.000	498.397	5594942.88	1.1338	A	0.5
8	☐	1000.000	1002.397	11202448.51	2.2802	A	0.9
9	☐			3106.02	0.0007	P	2.4

$$y = 0.0023 * x + 6.0570E-005$$

$$R = 1.0000$$

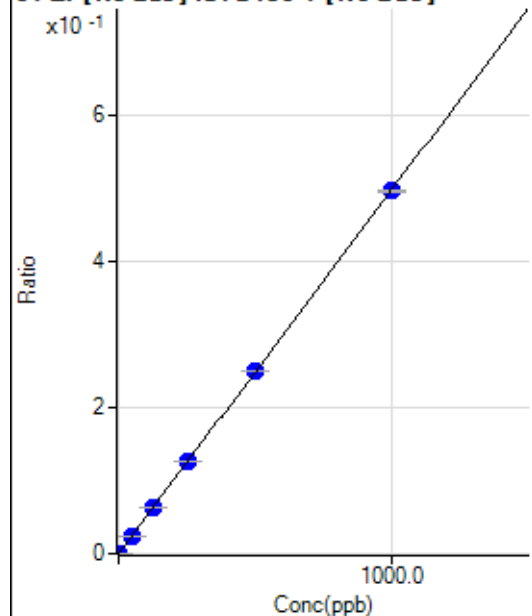
$$DL = 0.004642$$

$$BEC = 0.02663$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	0.678	1741.85	0.0004	P	10.0
4	☐	50.000	49.736	121824.12	0.0248	P	1.0
5	☐	125.000	126.159	307043.22	0.0628	P	0.4
6	☐	250.000	254.049	615747.55	0.1264	P	1.1
7	☐	500.000	501.919	1232173.62	0.2497	P	0.8
8	☐	1000.000	997.897	2438809.34	0.4964	P	0.8
9	☐			744.49	0.0002	P	5.9

$$y = 4.9744E-004 * x + 1.7380E-005$$

$$R = 1.0000$$

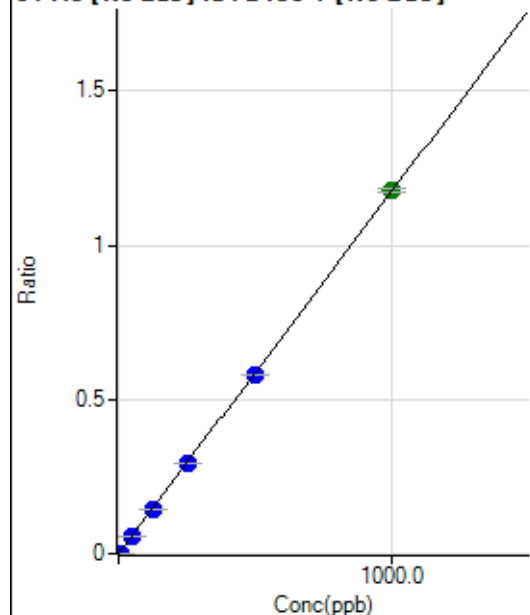
$$DL = 0.02327$$

$$BEC = 0.03494$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	1.906	11190.94	0.0023	P	5.4
4	☐	50.000	49.012	283123.13	0.0575	P	0.8
5	☐	125.000	124.353	713715.29	0.1459	P	0.3
6	☐	250.000	250.960	1434438.19	0.2944	P	1.0
7	☐	500.000	494.715	2864071.14	0.5804	P	0.4
8	☐	1000.000	1002.548	5777950.34	1.1761	A	1.0
9	☐			11152.02	0.0024	P	5.5

$$y = 0.0012 * x + 4.3725E-005$$

$$R = 1.0000$$

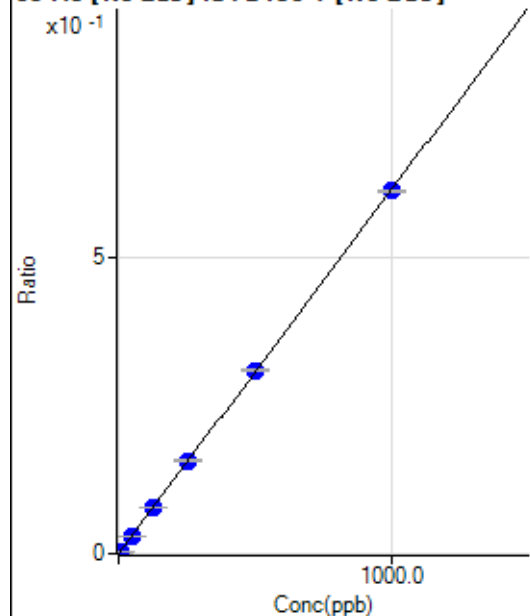
$$DL = 0.02248$$

$$BEC = 0.03727$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	14.9
2	☐	0.500					
3	☐	5.000	4.569	14026.86	0.0029	P	2.6
4	☐	50.000	49.501	150041.30	0.0305	P	0.9
5	☐	125.000	126.884	381940.54	0.0781	P	0.7
6	☐	250.000	255.185	764861.59	0.1570	P	1.2
7	☐	500.000	503.253	1527694.73	0.3096	P	0.7
8	☐	1000.000	996.869	3012435.25	0.6132	P	0.8
9	☐			17542.07	0.0037	P	8.7

$$y = 6.1506E-004 * x + 4.6557E-005$$

$$R = 1.0000$$

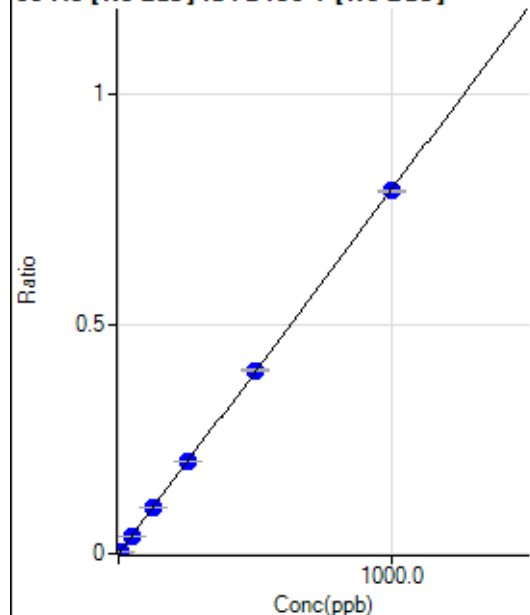
$$DL = 0.03381$$

$$BEC = 0.0757$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0001	P	12.4
2	☐	0.500					
3	☐	5.000	3.940	15628.57	0.0032	P	3.4
4	☐	50.000	49.770	194398.71	0.0395	P	0.8
5	☐	125.000	126.453	490510.26	0.1003	P	1.0
6	☐	250.000	254.263	982073.84	0.2016	P	1.0
7	☐	500.000	503.631	1970121.25	0.3992	P	0.5
8	☐	1000.000	996.954	3882284.37	0.7902	P	0.6
9	☐			22329.37	0.0047	P	8.0

$$y = 7.9258\text{E-}004 * x + 5.9991\text{E-}005$$

$$R = 1.0000$$

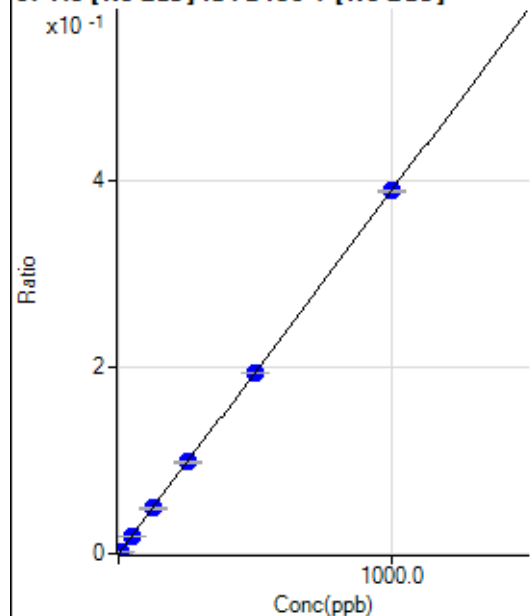
$$DL = 0.02815$$

$$BEC = 0.07569$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	39.3
2	☐	0.500					
3	☐	5.000	4.647	9075.51	0.0018	P	0.6
4	☐	50.000	49.631	95398.34	0.0194	P	0.8
5	☐	125.000	124.830	238226.83	0.0487	P	0.9
6	☐	250.000	252.336	479466.45	0.0984	P	1.2
7	☐	500.000	499.155	960553.05	0.1946	P	0.6
8	☐	1000.000	999.880	1915401.95	0.3899	P	0.6
9	☐			10771.21	0.0023	P	9.0

$$y = 3.8988\text{E-}004 * x + 3.6460\text{E-}005$$

$$R = 1.0000$$

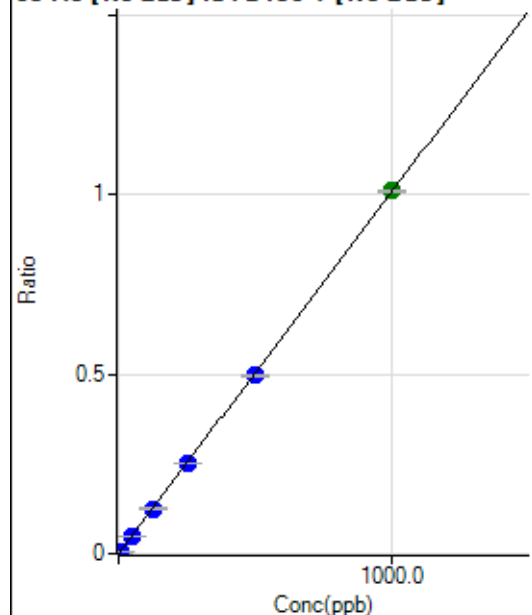
$$DL = 0.1102$$

$$BEC = 0.09352$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	366.69	0.0001	P	11.8
2	☐	0.500					
3	☐	5.000	4.519	22685.52	0.0046	P	4.3
4	☐	50.000	48.824	242067.65	0.0492	P	1.6
5	☐	125.000	124.557	613257.32	0.1254	P	0.7
6	☐	250.000	249.818	1224728.29	0.2514	P	1.5
7	☐	500.000	493.405	2449848.86	0.4964	P	0.7
8	☐	1000.000	1003.460	4959890.30	1.0096	A	0.6
9	☐			27697.34	0.0059	P	9.0

$$y = 0.0010 * x + 7.4007E-005$$

$$R = 1.0000$$

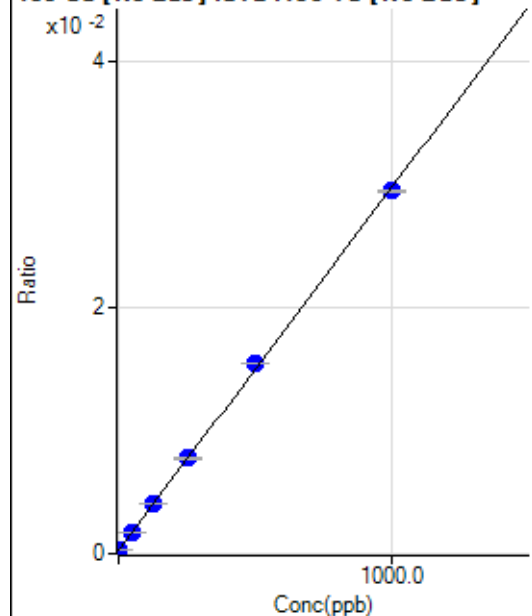
$$DL = 0.02596$$

$$BEC = 0.07356$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1408.46	0.0003	P	7.1
2	☐	0.100					
3	☐	1.000	1.431	1630.72	0.0003	P	10.5
4	☐	50.000	51.428	9439.66	0.0018	P	1.2
5	☐	125.000	127.606	21069.15	0.0040	P	1.7
6	☐	250.000	253.567	40553.29	0.0077	P	1.0
7	☐	500.000	514.247	80866.54	0.0154	P	0.1
8	☐	1000.000	991.587	154078.41	0.0294	P	0.4
9	☐			1511.26	0.0003	P	7.6

$$y = 2.9426E-005 * x + 2.6806E-004$$

$$R = 0.9998$$

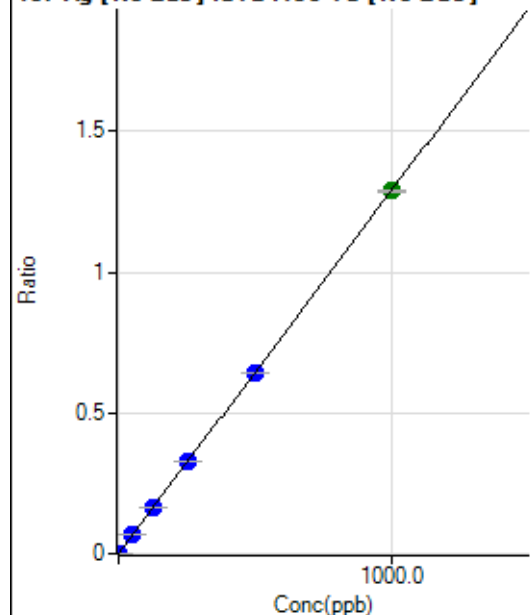
$$DL = 1.936$$

$$BEC = 9.109$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.6
2	☐	0.100					
3	☐	1.000	1.211	8224.93	0.0016	P	2.7
4	☐	50.000	51.683	353028.32	0.0666	P	1.0
5	☐	125.000	128.469	867274.17	0.1656	P	0.1
6	☐	250.000	254.528	1721294.51	0.3281	P	0.7
7	☐	500.000	498.266	3372378.98	0.6422	P	0.7
8	☐	1000.000	999.217	6739082.44	1.2880	A	0.7
9	☐			802.83	0.0002	P	7.5

$$y = 0.0013 * x + 4.2326E-006$$

$$R = 1.0000$$

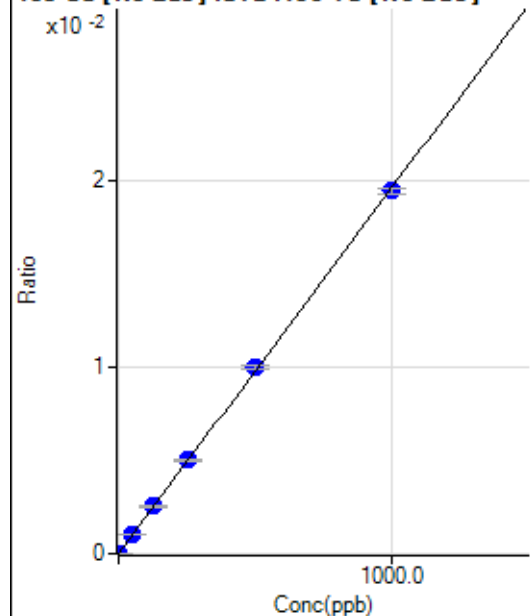
$$DL = 0.004296$$

$$BEC = 0.003284$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	77.7
2	☐	0.100					
3	☐	1.000	0.744	87.50	0.0000	P	4.5
4	☐	50.000	51.166	5310.83	0.0010	P	0.5
5	☐	125.000	129.856	13303.69	0.0025	P	3.8
6	☐	250.000	255.743	26238.42	0.0050	P	1.5
7	☐	500.000	510.568	52413.37	0.0100	P	1.2
8	☐	1000.000	992.615	101526.80	0.0194	P	1.4
9	☐			25.00	0.0000	P	44.3

$$y = 1.9547E-005 * x + 2.1111E-006$$

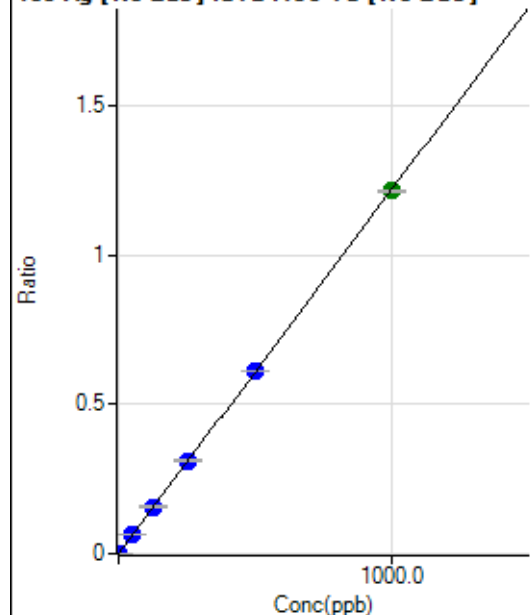
$$R = 0.9999$$

$$DL = 0.2518$$

$$BEC = 0.108$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.3
2	☐	0.100					
3	☐	1.000	1.224	7855.29	0.0015	P	1.4
4	☐	50.000	51.634	333344.94	0.0629	P	0.3
5	☐	125.000	129.192	824290.11	0.1574	P	0.6
6	☐	250.000	255.171	1630963.97	0.3109	P	1.0
7	☐	500.000	501.501	3208062.10	0.6110	P	0.4
8	☐	1000.000	997.351	6357537.12	1.2150	A	0.5
9	☐			758.38	0.0002	P	0.2

$$y = 0.0012 * x + 3.6964E-006$$

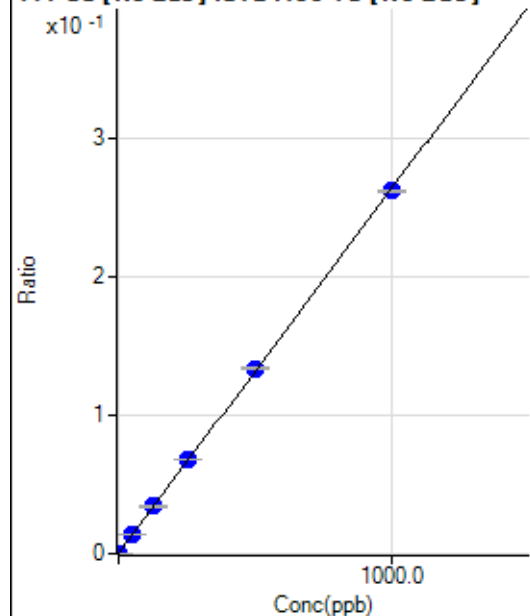
$$R = 1.0000$$

$$DL = 0.004491$$

$$BEC = 0.003034$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1036.48	0.0002	P	5.3
2	☐	0.100					
3	☐	1.000	1.010	2435.90	0.0005	P	5.7
4	☐	50.000	50.662	71786.49	0.0135	P	1.0
5	☐	125.000	128.806	178792.53	0.0341	P	1.0
6	☐	250.000	256.564	355745.25	0.0678	P	0.4
7	☐	500.000	507.120	702725.33	0.1338	P	0.7
8	☐	1000.000	994.290	1371971.44	0.2622	P	0.5
9	☐			1258.44	0.0003	P	5.2

$$y = 2.6351E-004 * x + 1.9725E-004$$

$$R = 0.9999$$

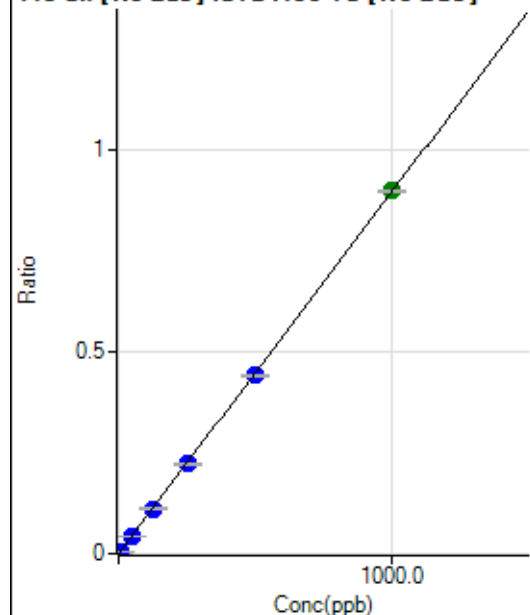
$$DL = 0.1196$$

$$BEC = 0.7485$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.01	0.0001	P	9.0
2	☐	0.500					
3	☐	5.000	4.813	22925.11	0.0044	P	1.1
4	☐	50.000	49.560	235532.64	0.0444	P	0.7
5	☐	125.000	124.825	585896.13	0.1119	P	0.4
6	☐	250.000	248.006	1165872.39	0.2222	P	0.5
7	☐	500.000	493.670	2322392.24	0.4423	P	0.8
8	☐	1000.000	1003.708	4704924.76	0.8992	A	0.3
9	☐			6960.38	0.0014	P	7.5

$$y = 8.9580E-004 * x + 5.2329E-005$$

$$R = 1.0000$$

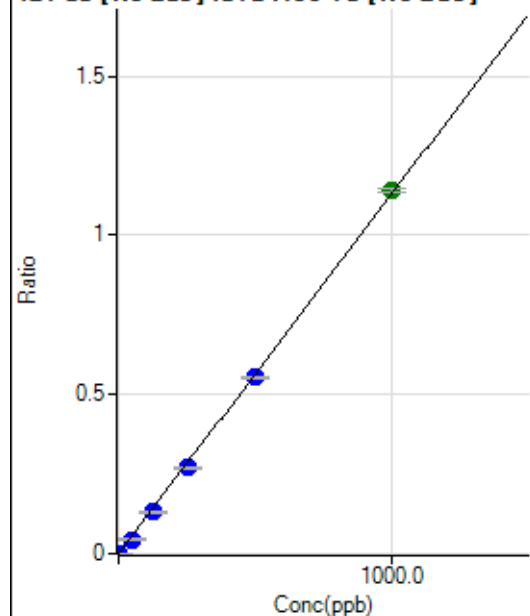
$$DL = 0.01571$$

$$BEC = 0.05842$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.9
2	☐	0.200					
3	☐	2.000	1.893	11260.47	0.0021	P	1.5
4	☐	50.000	40.033	239518.51	0.0452	P	1.0
5	☐	125.000	115.177	680978.24	0.1300	P	1.2
6	☐	250.000	239.897	1420891.24	0.2708	P	1.6
7	☐	500.000	490.161	2905597.59	0.5533	P	0.4
8	☐	1000.000	1009.172	5960889.98	1.1392	A	1.0
9	☐			31873.18	0.0064	P	6.1

$$y = 0.0011 * x + 6.8696E-006$$

$$R = 0.9998$$

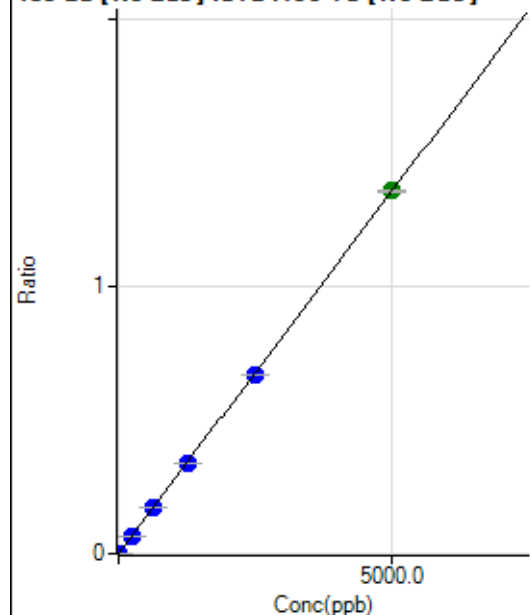
$$DL = 0.008744$$

$$BEC = 0.006085$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	9.0
2	☐	1.000					
3	☐	10.000	9.389	13515.44	0.0026	P	1.3
4	☐	250.000	249.470	358448.90	0.0676	P	0.9
5	☐	625.000	628.651	892517.31	0.1704	P	0.8
6	☐	1250.000	1246.214	1772336.89	0.3378	P	0.5
7	☐	2500.000	2474.541	3521975.78	0.6707	P	0.7
8	☐	5000.000	5013.247	7110185.40	1.3588	A	0.2
9	☐			2408.64	0.0005	P	3.1

$$y = 2.7104\text{E-}004 * x + 2.7491\text{E-}005$$

$$R = 1.0000$$

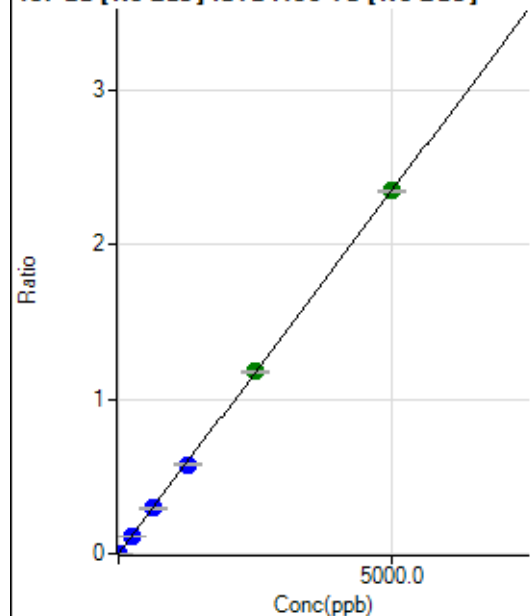
$$DL = 0.02725$$

$$BEC = 0.1014$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0001	P	30.7
2	☐	1.000					
3	☐	10.000	9.619	24016.26	0.0046	P	3.7
4	☐	250.000	248.562	619101.11	0.1168	P	1.0
5	☐	625.000	623.594	1534681.88	0.2930	P	0.7
6	☐	1250.000	1230.877	3034411.05	0.5784	P	0.5
7	☐	2500.000	2506.946	6185062.99	1.1779	A	0.4
8	☐	5000.000	5001.556	12295781.96	2.3499	A	0.7
9	☐			4306.40	0.0009	P	2.8

$$y = 4.6983\text{E-}004 * x + 5.2861\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1035$$

$$BEC = 0.1125$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	173.2
4	☐			24.45		P	68.6
5	☐			40.00		P	16.7
6	☐			100.00		P	20.0
7	☐			193.34		P	27.4
8	☐			297.79		P	24.8
9	☐			60.00		P	0.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			11.11		P	62.5
6	☐			8.89		P	21.6
7	☐			15.56		P	32.7
8	☐			37.78		P	13.5
9	☐			31.11		P	16.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			36.11		P	26.7
4	☐			16.66		P	86.6
5	☐			41.67		P	52.9
6	☐			47.22		P	53.9
7	☐			58.33		P	51.5
8	☐			86.12		P	5.6
9	☐			97.23		P	35.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			11.11		P	75.5
5	☐			7.78		P	89.2
6	☐			7.78		P	49.5
7	☐			17.78		P	47.2
8	☐			22.22		P	45.8
9	☐			37.78		P	5.1

160 Gd [No Gas] Noavailable calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.0
2	☐						
3	☐			33.34		P	43.3
4	☐			27.78		P	96.4
5	☐			38.89		P	68.9
6	☐			16.67		P	50.0
7	☐			50.00		P	16.7
8	☐			38.89		P	32.7
9	☐			75.00		P	40.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	39.7
2	☐						
3	☐			16.67		P	40.0
4	☐			10.00		P	0.0
5	☐			16.67		P	20.0
6	☐			13.33		P	66.1
7	☐			20.00		P	50.0
8	☐			27.78		P	30.2
9	☐			44.44		P	18.9

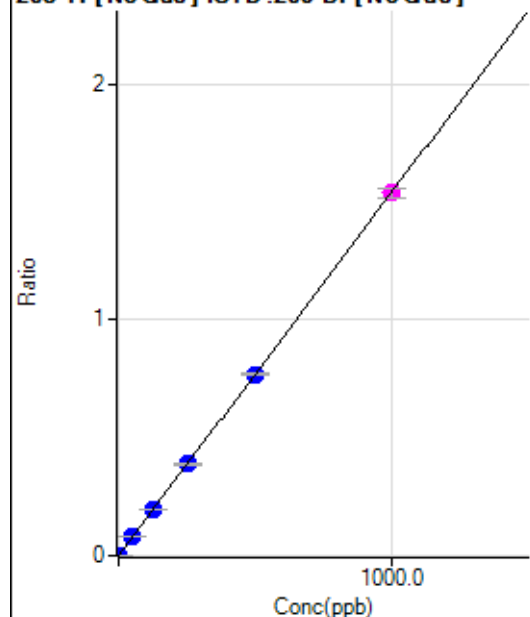
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			38.89		P	32.7
4	☐			13.89		P	34.7
5	☐			25.00		P	33.3
6	☐			19.44		P	65.5
7	☐			27.78		P	34.6
8	☐			38.89		P	44.6
9	☐			38.89		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			12.22		P	68.7
4	☐			10.00		P	88.2
5	☐			11.11		P	69.3
6	☐			8.89		P	78.1
7	☐			5.55		P	69.3
8	☐			13.33		P	50.0
9	☐			23.33		P	51.5

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.24	0.0001	P	28.4
2	☐	0.100					
3	☐	1.000	0.899	4617.69	0.0015	P	1.6
4	☐	50.000	50.575	241876.24	0.0779	P	0.6
5	☐	125.000	126.602	602462.00	0.1949	P	0.2
6	☐	250.000	251.690	1194971.16	0.3874	P	0.6
7	☐	500.000	500.270	2368567.74	0.7699	P	0.9
8	☐	1000.000	999.214	4616433.79	1.5377	M	2.6
9	☐			1361.25	0.0005	P	7.7

$$y = 0.0015 * x + 1.0410E-004$$

$$R = 1.0000$$

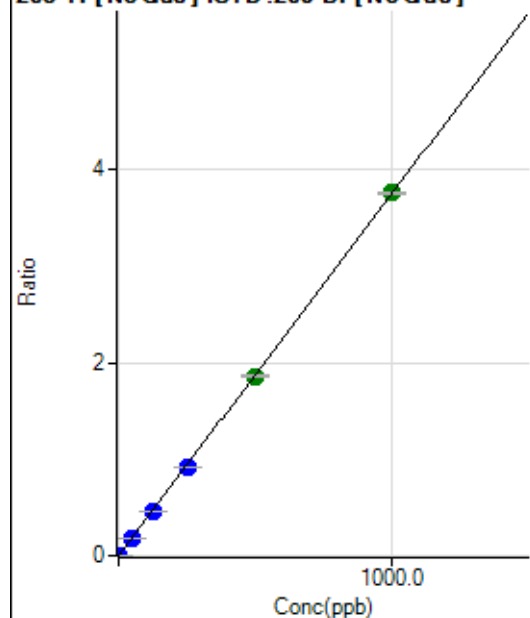
$$DL = 0.05761$$

$$BEC = 0.06765$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	613.93	0.0002	P	16.1
2	☐	0.100					
3	☐	1.000	0.932	11449.88	0.0037	P	2.5
4	☐	50.000	49.560	576299.82	0.1857	P	0.4
5	☐	125.000	123.667	1431092.21	0.4630	P	0.6
6	☐	250.000	244.213	2819816.73	0.9141	P	0.4
7	☐	500.000	496.288	5714488.02	1.8575	A	1.0
8	☐	1000.000	1003.491	11274787.06	3.7557	A	0.5
9	☐			3433.94	0.0013	P	2.8

$$y = 0.0037 * x + 1.9834E-004$$

$$R = 1.0000$$

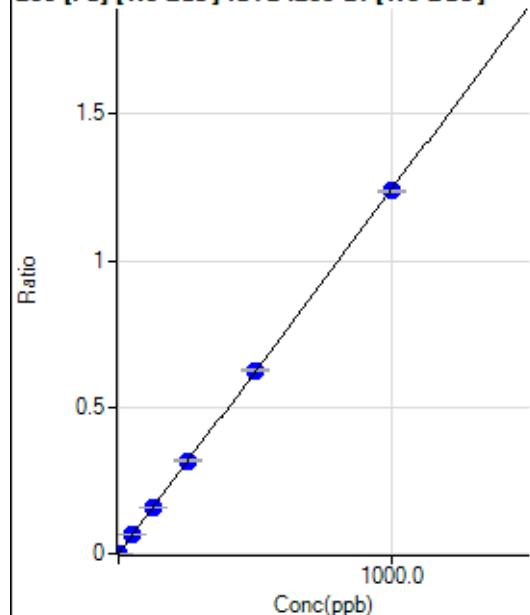
$$DL = 0.02554$$

$$BEC = 0.053$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	788.94	0.0003	P	3.2
2	☐	0.100					
3	☐	1.000	0.893	4237.83	0.0014	P	2.6
4	☐	50.000	51.275	198521.73	0.0640	P	0.1
5	☐	125.000	127.821	491631.68	0.1591	P	0.6
6	☐	250.000	255.552	980159.44	0.3178	P	0.5
7	☐	500.000	504.090	1927511.71	0.6265	P	0.3
8	☐	1000.000	996.151	3716099.36	1.2379	P	0.4
9	☐			7103.94	0.0026	P	4.6

$$y = 0.0012 * x + 2.5493E-004$$

$$R = 1.0000$$

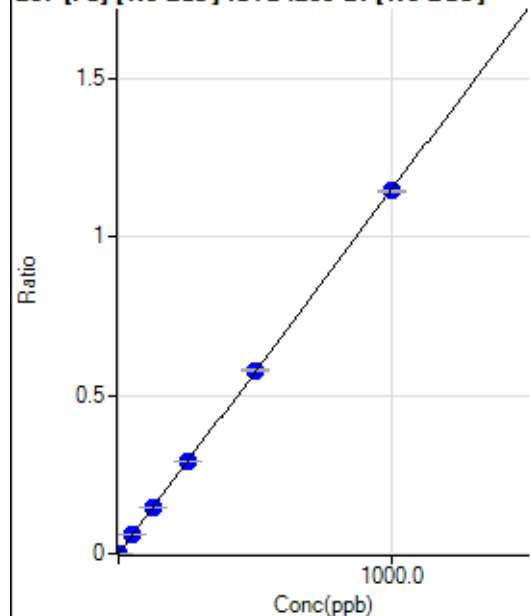
$$DL = 0.01949$$

$$BEC = 0.2052$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	637.07	0.0002	P	12.5
2	☐	0.100					
3	☐	1.000	0.862	3709.89	0.0012	P	3.8
4	☐	50.000	50.748	181456.35	0.0585	P	0.6
5	☐	125.000	126.437	449252.67	0.1454	P	0.8
6	☐	250.000	251.962	892845.43	0.2894	P	0.4
7	☐	500.000	504.519	1782423.19	0.5794	P	0.7
8	☐	1000.000	997.033	3436556.18	1.1448	P	0.6
9	☐			6281.29	0.0023	P	2.1

$$y = 0.0011 * x + 2.0584E-004$$

$$R = 1.0000$$

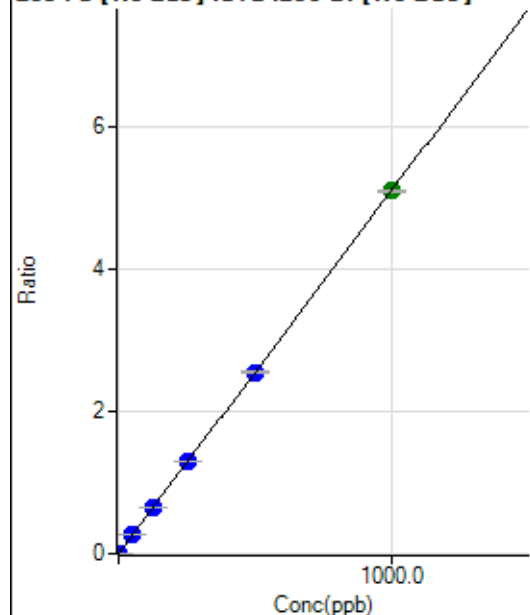
$$DL = 0.06703$$

$$BEC = 0.1793$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2939.11	0.0009	P	4.0
2	☐	0.100					
3	☐	1.000	0.881	16901.00	0.0054	P	1.3
4	☐	50.000	50.969	810116.11	0.2610	P	0.1
5	☐	125.000	126.815	2002816.25	0.6480	P	0.6
6	☐	250.000	252.156	3971544.62	1.2875	P	0.3
7	☐	500.000	499.933	7850240.19	2.5517	P	0.5
8	☐	1000.000	999.219	15307824.59	5.0992	A	0.4
9	☐			28520.15	0.0105	P	2.0

$$y = 0.0051 * x + 9.4968E-004$$

$$R = 1.0000$$

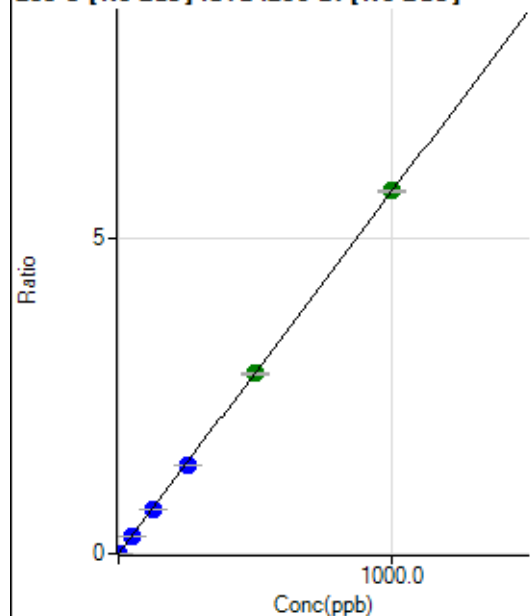
$$DL = 0.02224$$

$$BEC = 0.1861$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1611.29	0.0005	P	3.6
2	☐	0.100					
3	☐	1.000	0.937	18321.91	0.0059	P	2.9
4	☐	50.000	48.950	873776.36	0.2815	P	0.4
5	☐	125.000	121.471	2156867.34	0.6978	P	0.8
6	☐	250.000	242.631	4297956.91	1.3933	P	0.5
7	☐	500.000	498.339	8802288.31	2.8612	A	0.6
8	☐	1000.000	1003.167	17288855.94	5.7592	A	0.5
9	☐			4156.44	0.0015	P	3.2

$$y = 0.0057 * x + 5.2064E-004$$

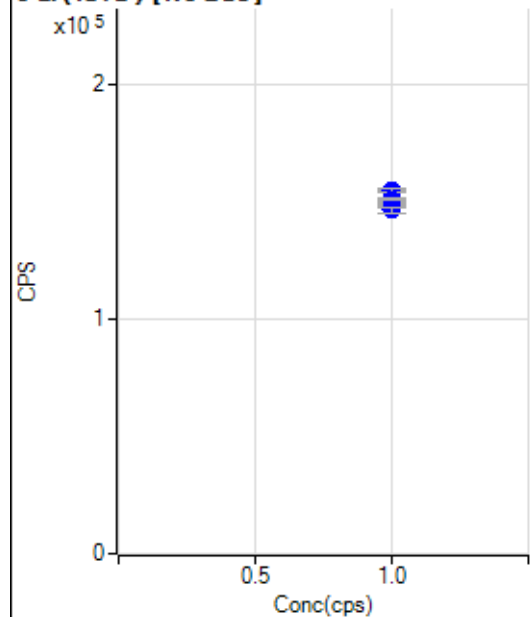
$$R = 1.0000$$

$$DL = 0.009895$$

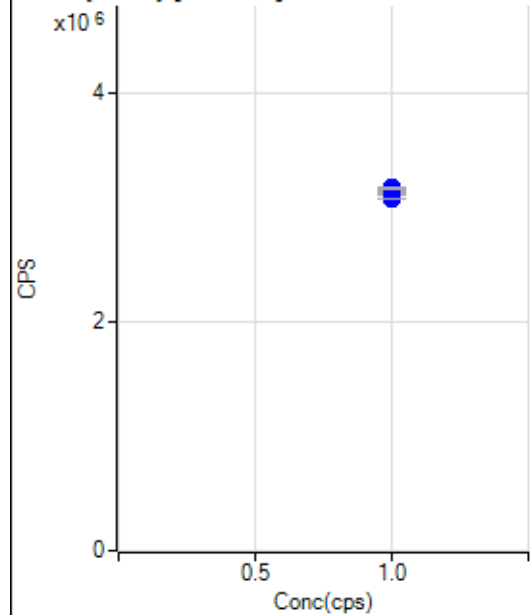
$$BEC = 0.0907$$

Weight: <None>

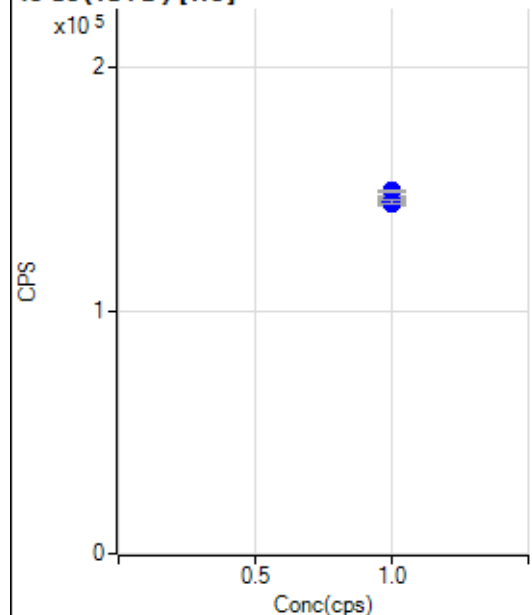
Min Conc: 0

6 Li (ISTD) [No Gas]

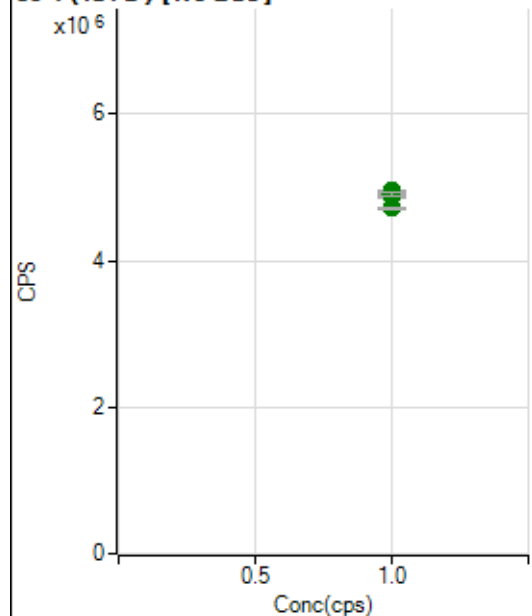
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		147700.11		P	0.3
2	☐	1.000					
3	☐	1.000		149077.68		P	0.4
4	☐	1.000		150574.37		P	0.7
5	☐	1.000		150101.73		P	0.6
6	☐	1.000		154442.30		P	0.3
7	☐	1.000		154690.53		P	1.0
8	☐	1.000		151161.26		P	0.3
9	☐	1.000		146674.34		P	1.7

45 Sc (ISTD) [No Gas]

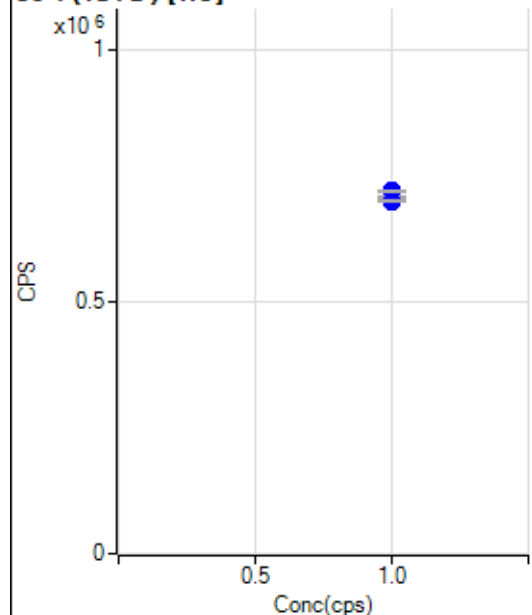
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3125675.22		P	0.6
2	☐	1.000					
3	☐	1.000		3153427.93		P	0.6
4	☐	1.000		3147098.49		P	1.0
5	☐	1.000		3162112.29		P	0.3
6	☐	1.000		3153611.90		P	0.5
7	☐	1.000		3169586.46		P	0.2
8	☐	1.000		3169980.58		P	0.4
9	☐	1.000		3068971.51		P	0.1

45 Sc (ISTD) [He]

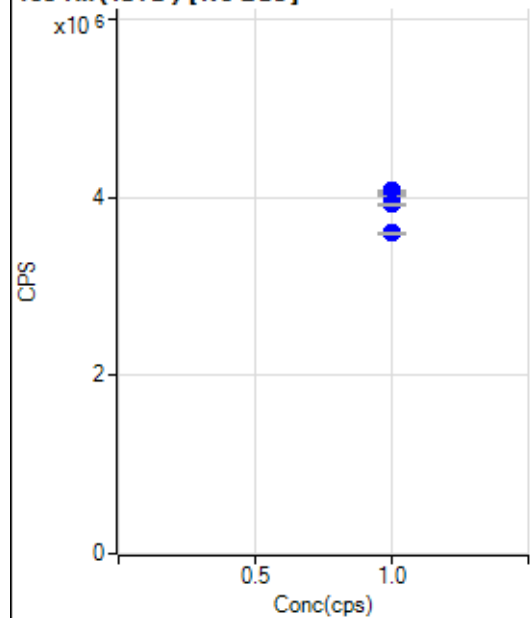
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		145035.88		P	0.5
2	☐	1.000					
3	☐	1.000		144573.33		P	1.6
4	☐	1.000		144729.02		P	0.8
5	☐	1.000		145663.31		P	1.4
6	☐	1.000		144048.60		P	0.9
7	☐	1.000		146678.29		P	0.4
8	☐	1.000		149224.90		P	0.6
9	☐	1.000		144800.17		P	0.9

89 Y (ISTD) [No Gas]

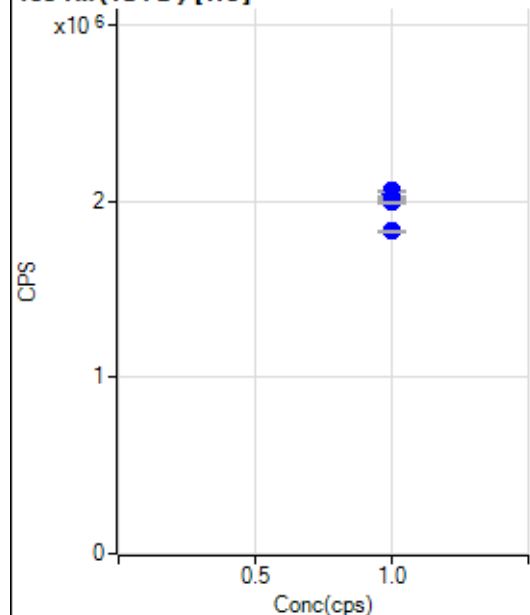
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4953680.34		A	0.3
2	☐	1.000					
3	☐	1.000		4910588.92		A	0.6
4	☐	1.000		4920799.41		A	0.7
5	☐	1.000		4891237.67		A	0.3
6	☐	1.000		4871879.69		A	0.5
7	☐	1.000		4934919.65		A	0.7
8	☐	1.000		4913039.37		A	0.8
9	☐	1.000		4713823.13		A	0.5

89 Y (ISTD) [He]

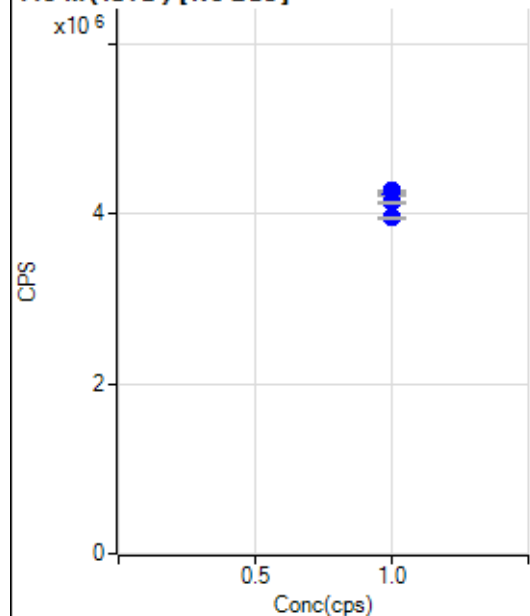
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		704795.49		P	0.6
2	☐	1.000					
3	☐	1.000		699982.95		P	0.0
4	☐	1.000		704406.40		P	0.5
5	☐	1.000		701303.58		P	1.0
6	☐	1.000		705292.85		P	0.5
7	☐	1.000		705702.82		P	0.5
8	☐	1.000		719560.60		P	0.5
9	☐	1.000		698500.48		P	0.5

103 Rh (ISTD) [No Gas]

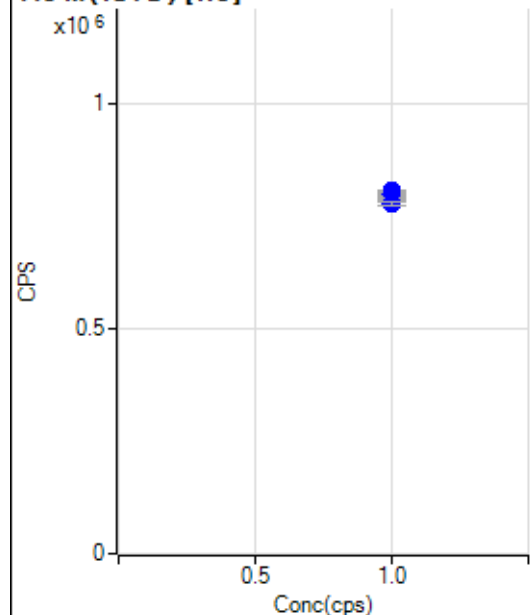
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4068396.96		P	0.5
2	☐	1.000					
3	☐	1.000		4068078.95		P	0.7
4	☐	1.000		4066673.40		P	0.3
5	☐	1.000		4043902.00		P	0.3
6	☐	1.000		4016551.91		P	0.4
7	☐	1.000		4016867.84		P	0.1
8	☐	1.000		3915387.07		P	0.2
9	☐	1.000		3591847.87		P	0.2

103 Rh (ISTD) [He]

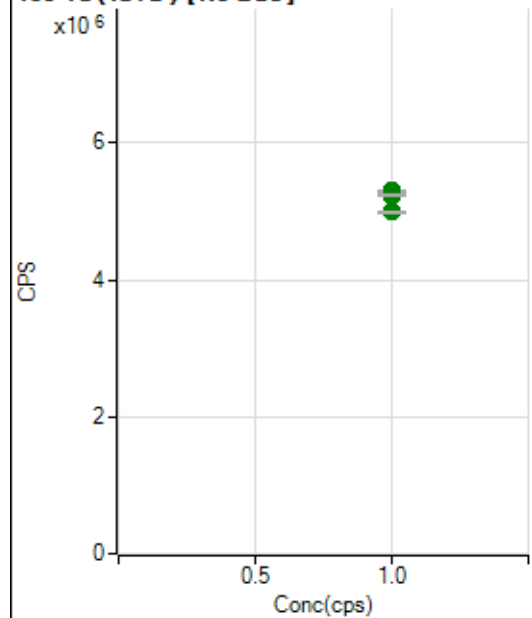
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2058149.40		P	0.3
2	☐	1.000					
3	☐	1.000		2059760.23		P	0.3
4	☐	1.000		2058201.24		P	0.2
5	☐	1.000		2042381.69		P	1.0
6	☐	1.000		2024830.93		P	0.4
7	☐	1.000		2011587.91		P	0.3
8	☐	1.000		1995616.19		P	0.6
9	☐	1.000		1828825.37		P	0.8

115 In (ISTD) [No Gas]

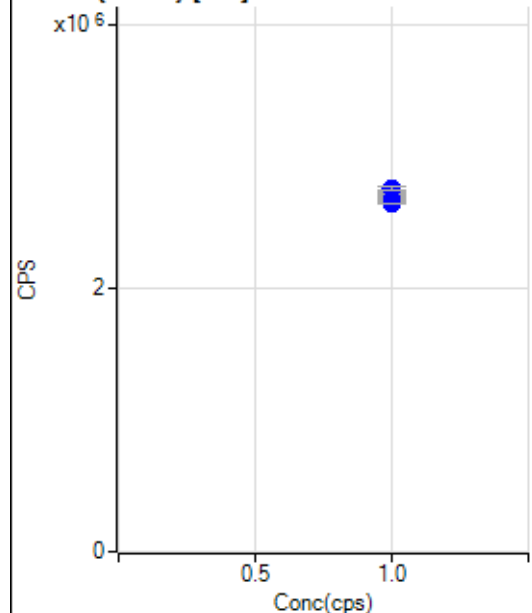
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4233574.65		P	0.4
2	☐	1.000					
3	☐	1.000		4236509.27		P	0.2
4	☐	1.000		4263667.94		P	0.2
5	☐	1.000		4252487.73		P	0.3
6	☐	1.000		4226056.21		P	0.6
7	☐	1.000		4210481.24		P	0.1
8	☐	1.000		4126949.05		P	0.4
9	☐	1.000		3944631.34		P	0.4

115 In (ISTD) [He]

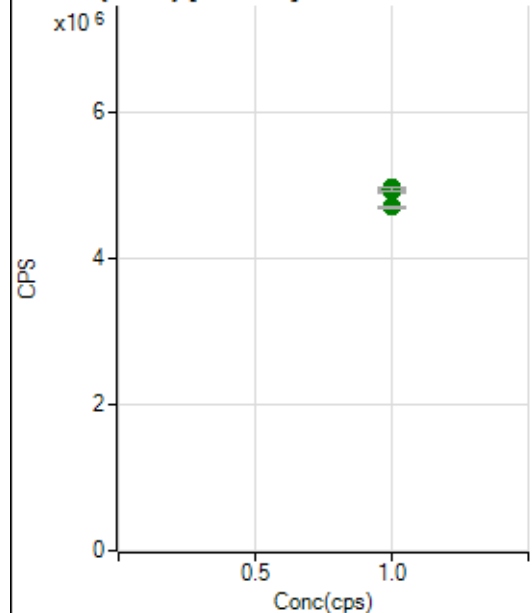
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		801648.68		P	0.9
2	☐	1.000					
3	☐	1.000		801342.23		P	0.5
4	☐	1.000		804676.21		P	0.7
5	☐	1.000		797207.59		P	0.9
6	☐	1.000		792772.65		P	0.4
7	☐	1.000		792863.47		P	0.5
8	☐	1.000		786756.88		P	0.4
9	☐	1.000		775494.69		P	0.9

159 Tb (ISTD) [No Gas]

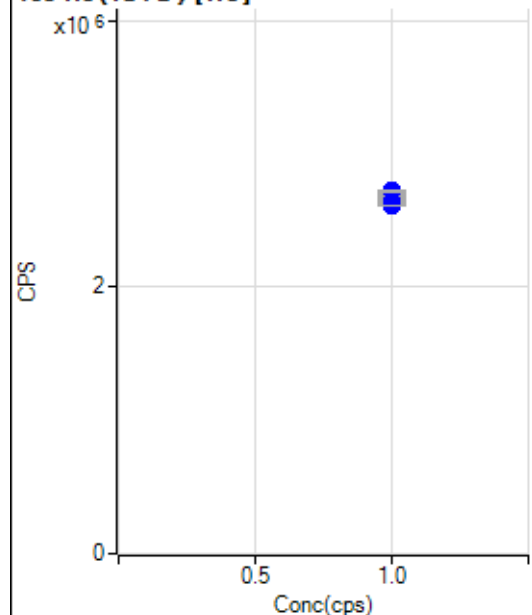
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5255006.14		A	0.4
2	☐	1.000					
3	☐	1.000		5254088.60		A	1.0
4	☐	1.000		5299126.80		A	0.5
5	☐	1.000		5237326.52		A	0.6
6	☐	1.000		5246585.37		A	0.1
7	☐	1.000		5250983.29		A	0.4
8	☐	1.000		5232581.21		A	0.8
9	☐	1.000		4989446.56		A	0.2

159 Tb (ISTD) [He]

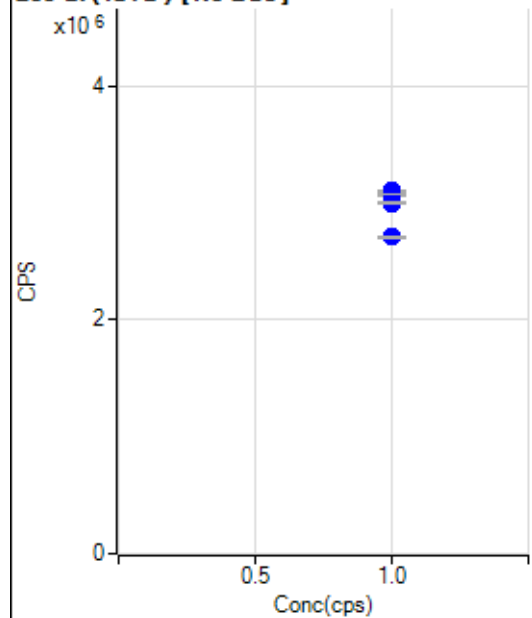
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2668260.11		P	0.7
2	☐	1.000					
3	☐	1.000		2670080.99		P	0.4
4	☐	1.000		2688238.07		P	0.7
5	☐	1.000		2684514.13		P	0.7
6	☐	1.000		2701024.26		P	0.1
7	☐	1.000		2721805.70		P	0.4
8	☐	1.000		2750505.32		P	1.1
9	☐	1.000		2638965.53		P	0.4

165 Ho (ISTD) [No Gas]

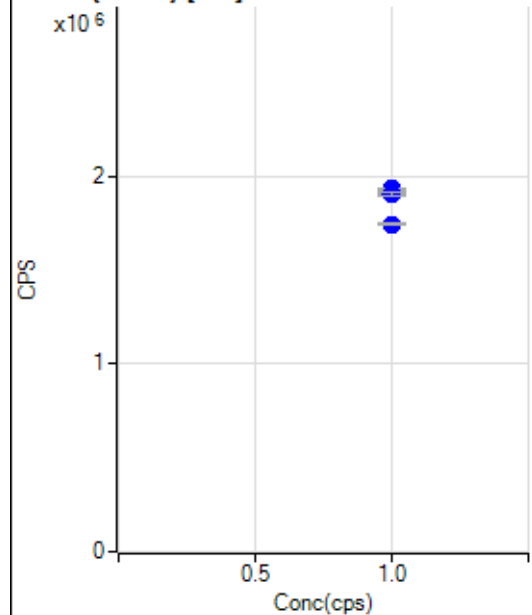
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4934463.00		A	0.6
2	☐	1.000					
3	☐	1.000		4938345.55		A	0.4
4	☐	1.000		4963107.79		A	0.6
5	☐	1.000		4927385.96		A	1.1
6	☐	1.000		4911326.85		A	0.6
7	☐	1.000		4962352.28		A	0.8
8	☐	1.000		4939065.87		A	1.1
9	☐	1.000		4701713.86		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2638612.53		P	0.8
2	☐	1.000					
3	☐	1.000		2624514.36		P	0.3
4	☐	1.000		2642088.22		P	0.9
5	☐	1.000		2653404.29		P	0.9
6	☐	1.000		2659524.39		P	0.5
7	☐	1.000		2684607.94		P	0.7
8	☐	1.000		2720001.63		P	0.6
9	☐	1.000		2608917.65		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3094854.22		P	0.1
2	☐	1.000					
3	☐	1.000		3105006.14		P	0.4
4	☐	1.000		3103820.58		P	0.2
5	☐	1.000		3090887.45		P	0.6
6	☐	1.000		3084714.61		P	1.0
7	☐	1.000		3076417.39		P	0.2
8	☐	1.000		3002002.63		P	0.5
9	☐	1.000		2711406.79		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1930735.54		P	0.7
2	☐	1.000					
3	☐	1.000		1919836.05		P	0.4
4	☐	1.000		1926717.24		P	0.8
5	☐	1.000		1917281.71		P	1.3
6	☐	1.000		1907770.35		P	0.6
7	☐	1.000		1903085.37		P	0.8
8	☐	1.000		1903936.97		P	0.9
9	☐	1.000		1742059.17		P	0.8