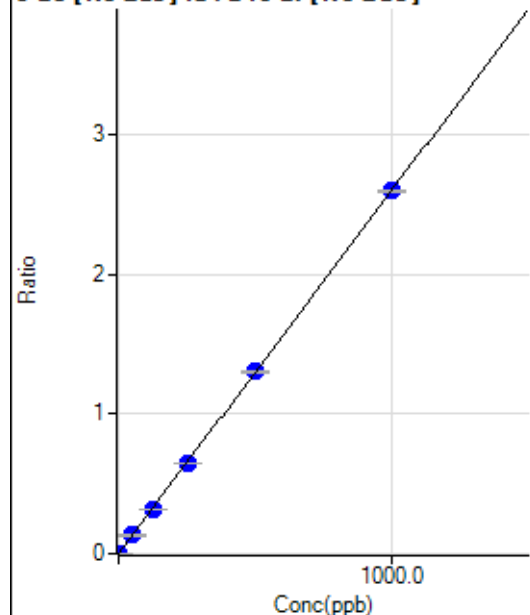


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7020717.b\
 Analysis File: P7020717.batch.bin
 DA Date-Time: 2017-02-08 10:58:12
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-07 18:25:37
2			
3	004CALS.d	S02	2017-02-07 18:33:52
4	005CALS.d	S03	2017-02-07 18:37:44
5	006CALS.d	S04	2017-02-07 18:41:46
6	007CALS.d	S05	2017-02-07 18:45:34
7	008CALS.d	S06	2017-02-07 18:49:18
8	009CALS.d	S07	2017-02-07 18:52:59
9	010CALS.d	S08	2017-02-07 18:56:36

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.48	0.0001	P	79.1
2	☐	0.100					
3	☐	1.000	0.944	900.05	0.0025	P	11.4
4	☐	50.000	50.323	46441.78	0.1309	P	1.3
5	☐	125.000	124.126	115174.47	0.3228	P	0.1
6	☐	250.000	249.564	227855.87	0.6489	P	0.3
7	☐	500.000	501.046	451037.44	1.3026	P	0.5
8	☐	1000.000	999.679	884919.78	2.5989	P	0.5
9	☐			172.23	0.0005	P	17.0

$$y = 0.0026 * x + 8.8811E-005$$

$$R = 1.0000$$

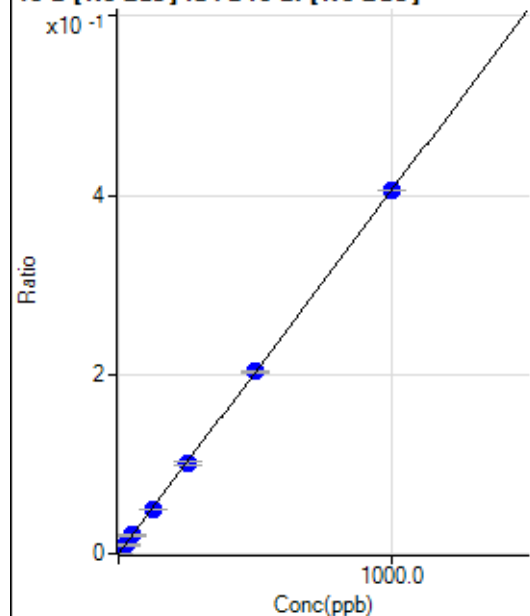
$$DL = 0.0811$$

$$BEC = 0.03416$$

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	44.45	0.0001	P	11.0
2	☐	2.500					
3	☐	25.000	24.264	3520.02	0.0100	P	8.5
4	☐	50.000	50.342	7274.26	0.0205	P	7.1
5	☐	125.000	121.028	17532.95	0.0491	P	2.5
6	☐	250.000	247.970	35300.47	0.1005	P	4.0
7	☐	500.000	503.050	70576.07	0.2038	P	1.1
8	☐	1000.000	999.481	137848.26	0.4048	P	0.1
9	☐			2391.94	0.0072	P	15.8

$$y = 4.0492E-004 * x + 1.2586E-004$$

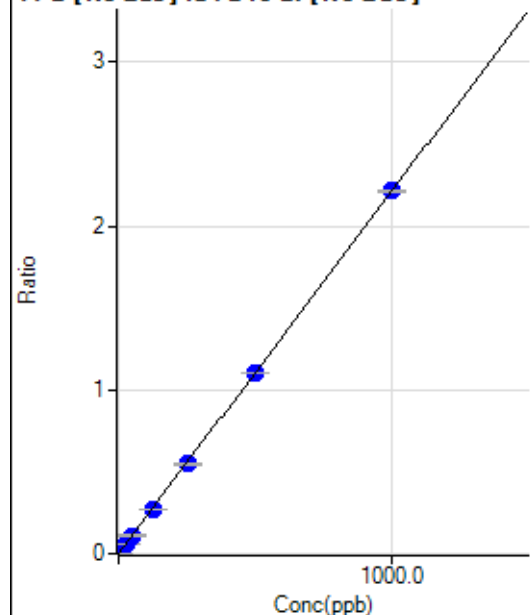
$$R = 1.0000$$

$$DL = 0.1025$$

$$BEC = 0.3108$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0007	P	32.3
2	☐	2.500					
3	☐	25.000	24.184	19146.02	0.0541	P	0.8
4	☐	50.000	49.622	39129.25	0.1103	P	2.4
5	☐	125.000	121.848	96287.06	0.2698	P	0.6
6	☐	250.000	247.012	191843.27	0.5463	P	1.2
7	☐	500.000	498.906	381840.09	1.1027	P	0.4
8	☐	1000.000	1001.727	753692.11	2.2134	P	0.6
9	☐			13500.94	0.0406	P	9.2

$$y = 0.0022 * x + 6.9305E-004$$

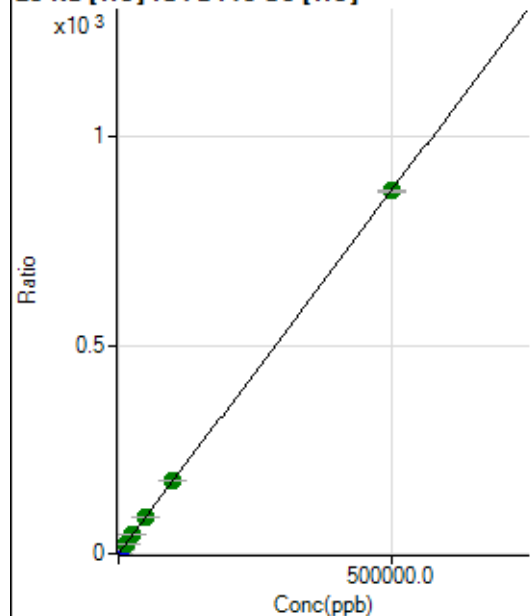
$$R = 1.0000$$

$$DL = 0.3041$$

$$BEC = 0.3137$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11666.01	0.0521	P	0.8
2	☐	50.000					
3	☐	500.000	505.342	208349.79	0.9326	P	0.5
4	☐	5000.000	5315.870	2082224.09	9.3139	P	0.5
5	☐	12500.000	13077.592	5095835.05	22.8371	A	0.2
6	☐	25000.000	26024.822	10206036.51	45.3950	A	0.6
7	☐	50000.000	51301.027	20103746.63	89.4336	A	0.3
8	☐	100000.00	100694.93	39987125.20	175.4922	A	0.2
9	☐	500000.00	499662.06	194136268.2	870.6098	A	0.6

$$y = 0.0017 * x + 0.0521$$

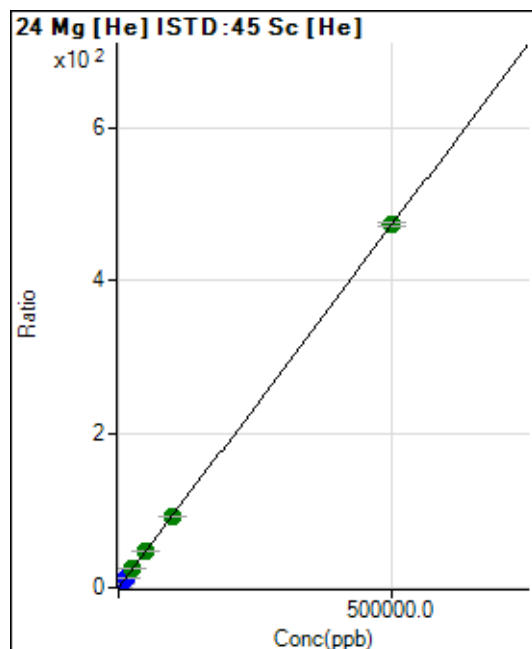
$$R = 1.0000$$

$$DL = 0.7419$$

$$BEC = 29.93$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0011	P	8.3
2	☐	50.000					
3	☐	500.000	494.711	104719.49	0.4687	P	0.4
4	☐	5000.000	5149.013	1088288.78	4.8680	P	0.2
5	☐	12500.000	12844.704	2709352.79	12.1420	P	0.0
6	☐	25000.000	25421.436	5402452.94	24.0297	A	0.6
7	☐	50000.000	49839.736	10589864.91	47.1100	A	0.6
8	☐	100000.00	97754.255	21053642.48	92.3991	A	1.2
9	☐	500000.00	500434.00	105467814.8	473.0149	A	1.1

$$y = 9.4521\text{E-}004 * x + 0.0011$$

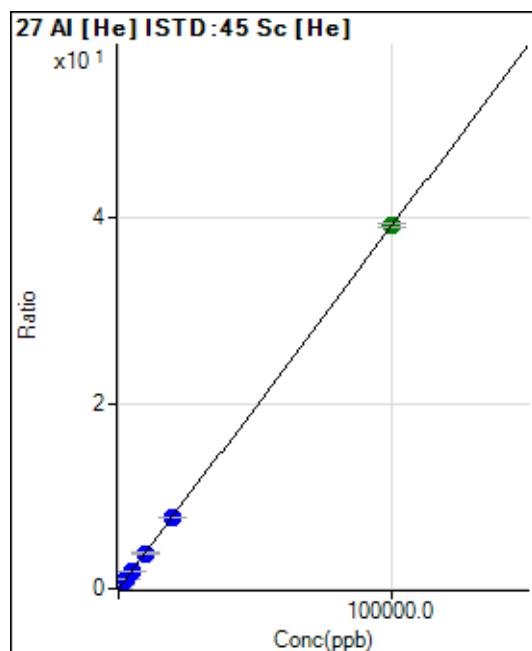
$$R = 1.0000$$

$$DL = 0.2961$$

$$BEC = 1.195$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0002	P	12.6
2	☐	2.000					
3	☐	20.000	19.145	1711.29	0.0077	P	4.9
4	☐	1000.000	1007.046	88061.94	0.3939	P	1.1
5	☐	2500.000	2494.690	217684.08	0.9756	P	0.3
6	☐	5000.000	4995.028	439113.34	1.9532	P	0.8
7	☐	10000.000	9810.989	862315.62	3.8361	P	1.3
8	☐	20000.000	19593.170	1745563.02	7.6608	P	0.5
9	☐	100000.00	100100.57	8726629.88	39.1380	A	1.0

$$y = 3.9098\text{E-}004 * x + 1.7387\text{E-}004$$

$$R = 1.0000$$

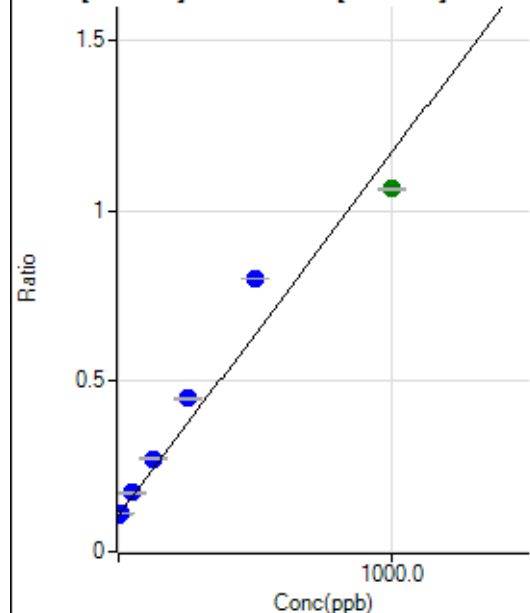
$$DL = 0.1687$$

$$BEC = 0.4447$$

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	475961.38	0.1067	P	0.8
2	☐	1.000					
3	☐	10.000	6.179	505300.20	0.1133	P	0.5
4	☐	50.000	61.619	769582.73	0.1723	P	0.7
5	☐	125.000	157.005	1228454.70	0.2738	P	0.5
6	☐	250.000	323.074	2010618.68	0.4506	P	1.0
7	☐	500.000	652.659	3615365.57	0.8015	P	0.5
8	☐	1000.000	900.859	4773998.46	1.0657	A	0.6
9	☐			863192.73	0.1960	P	1.1

$$y = 0.0011 * x + 0.1067$$

$$R = 0.9774$$

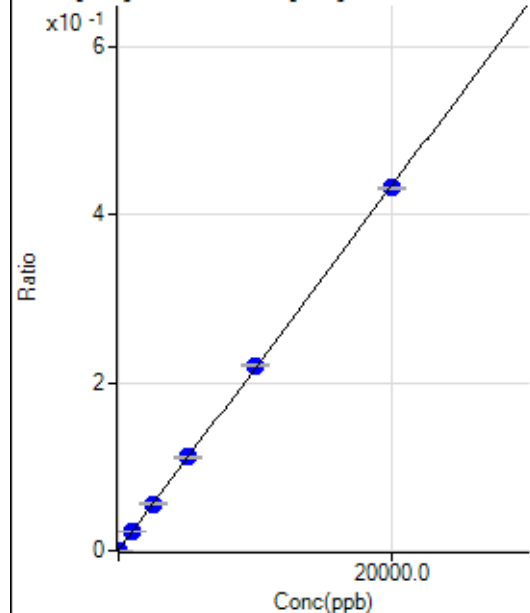
$$DL = 2.428$$

$$BEC = 100.2$$

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	-9.206	130.56	0.0006	P	19.4
2	☐	0.000					
3	☐	0.000	9.206	219.45	0.0010	P	17.3
4	☐	1000.000	1016.045	5098.29	0.0228	P	4.7
5	☐	2500.000	2546.636	12491.78	0.0560	P	1.9
6	☐	5000.000	5089.674	24980.17	0.1111	P	3.1
7	☐	10000.000	10140.166	49583.30	0.2206	P	0.9
8	☐	20000.000	19900.867	98465.49	0.4321	P	0.8
9	☐			188.90	0.0008	P	14.7

$$y = 2.1675E-005 * x + 7.8308E-004$$

$$R = 1.0000$$

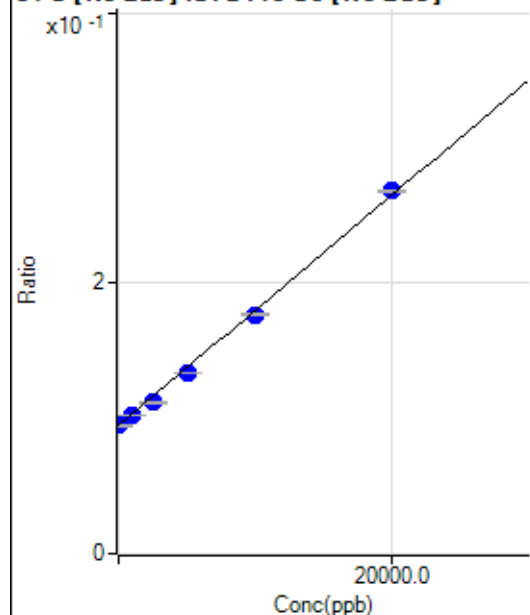
$$DL = 19.62$$

$$BEC = 36.13$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	43.120	425512.30	0.0954	P	1.5
2	☐	0.000					
3	☐	0.000	-43.120	422262.71	0.0947	P	0.7
4	☐	1000.000	845.349	456588.78	0.1022	P	0.2
5	☐	2500.000	1996.168	502490.65	0.1120	P	0.8
6	☐	5000.000	4532.225	596005.61	0.1336	P	0.6
7	☐	10000.000	9636.709	798378.89	0.1770	P	0.4
8	☐	20000.000	20369.301	1201745.01	0.2683	P	0.8
9	☐			408622.36	0.0928	P	0.6

$$y = 8.5045\text{E-}006 * x + 0.0950$$

$$R = 0.9993$$

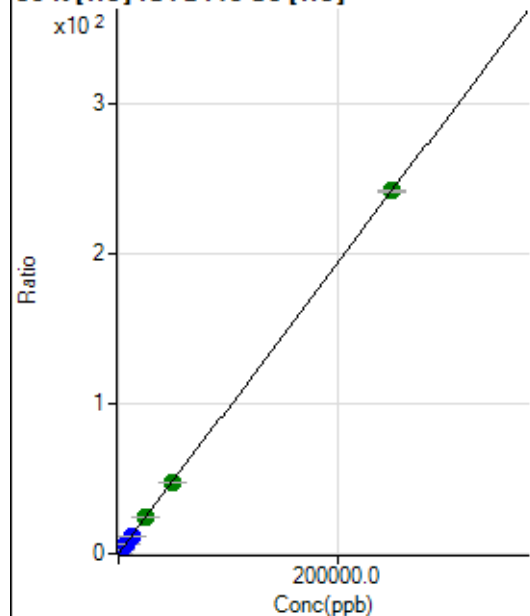
$$DL = 368.1$$

$$BEC = 1.117\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32667.40	0.1460	P	1.7
2	☐	50.000					
3	☐	500.000	462.546	132414.06	0.5927	P	0.4
4	☐	2500.000	2490.819	570388.23	2.5514	P	0.9
5	☐	6250.000	6174.371	1363061.32	6.1086	P	1.1
6	☐	12500.000	12432.205	2732046.17	12.1519	P	0.1
7	☐	25000.000	24701.198	5395040.75	24.0001	A	0.6
8	☐	50000.000	48808.599	10773279.23	47.2807	A	0.1
9	☐	250000.00	250273.60	53925167.18	241.8366	A	0.5

$$y = 9.6571\text{E-}004 * x + 0.1460$$

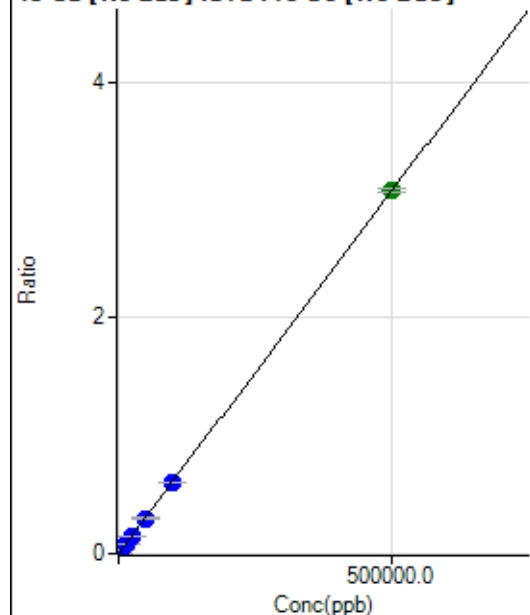
$$R = 1.0000$$

$$DL = 7.827$$

$$BEC = 151.2$$

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	236.12	0.0001	P	54.1
2	☐	50.000					
3	☐	500.000	472.800	13200.88	0.0030	P	4.1
4	☐	5000.000	4927.532	135533.04	0.0303	P	0.2
5	☐	12500.000	12282.973	338955.74	0.0756	P	0.3
6	☐	25000.000	24626.150	675701.54	0.1514	P	0.4
7	☐	50000.000	48981.373	1358504.26	0.3011	P	0.6
8	☐	100000.00	97484.596	2684665.16	0.5993	P	1.0
9	☐	500000.00	500629.81	13552559.85	3.0774	A	1.2

$$y = 6.1469\text{E-}006 * x + 5.3119\text{E-}005$$

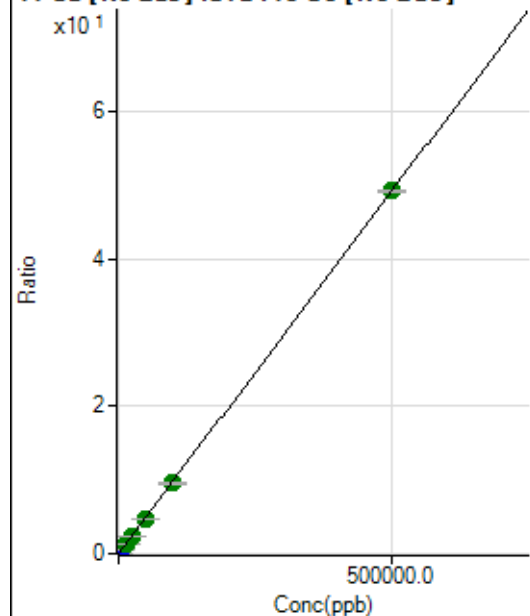
$$R = 1.0000$$

$$DL = 14.02$$

$$BEC = 8.642$$

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	12280.66	0.0028	P	2.8
2	☐	50.000					
3	☐	500.000	466.897	216845.97	0.0486	P	0.8
4	☐	5000.000	5002.401	2207007.45	0.4941	P	0.3
5	☐	12500.000	12239.076	5405470.39	1.2049	A	0.2
6	☐	25000.000	24531.766	10763590.17	2.4123	A	1.1
7	☐	50000.000	48804.244	21636346.32	4.7964	A	0.5
8	☐	100000.00	96984.642	42686853.73	9.5287	A	0.6
9	☐	500000.00	500752.59	216622560.4	49.1874	A	0.8

$$y = 9.8221\text{E-}005 * x + 0.0028$$

$$R = 1.0000$$

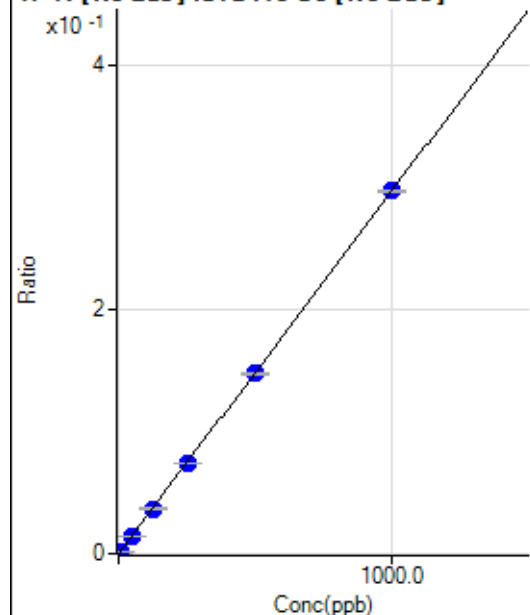
$$DL = 2.392$$

$$BEC = 28.03$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	14.1
2	☐	0.500					
3	☐	5.000	4.687	6362.76	0.0014	P	0.7
4	☐	50.000	49.642	65939.94	0.0148	P	1.2
5	☐	125.000	123.892	165035.95	0.0368	P	1.2
6	☐	250.000	249.035	329777.85	0.0739	P	1.4
7	☐	500.000	497.964	666510.69	0.1478	P	0.8
8	☐	1000.000	1001.417	1330970.08	0.2971	P	0.4
9	☐			3000.26	0.0007	P	73.5

$$y = 2.9664\text{E-}004 * x + 3.6151\text{E-}005$$

$$R = 1.0000$$

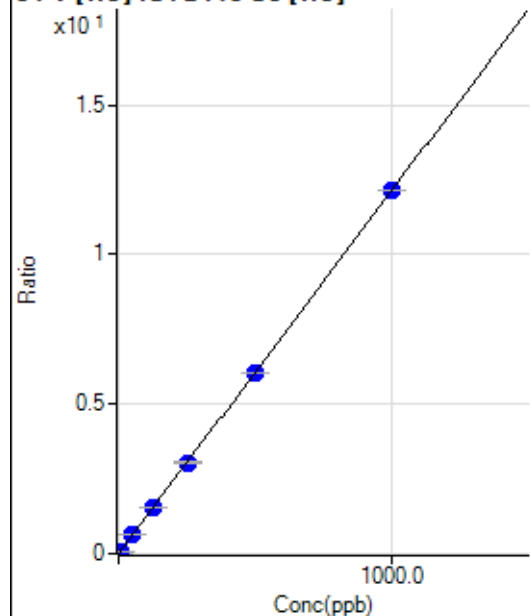
$$DL = 0.05138$$

$$BEC = 0.1219$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0002	P	27.9
2	☐	0.500					
3	☐	5.000	4.740	12886.87	0.0577	P	2.5
4	☐	50.000	50.725	137570.85	0.6154	P	0.6
5	☐	125.000	126.393	342075.72	1.5330	P	0.4
6	☐	250.000	251.427	685571.69	3.0494	P	0.4
7	☐	500.000	498.920	1360177.45	6.0508	P	0.2
8	☐	1000.000	999.974	2763307.50	12.1274	P	0.1
9	☐			822.26	0.0037	P	3.2

$$y = 0.0121 * x + 1.9843\text{E-}004$$

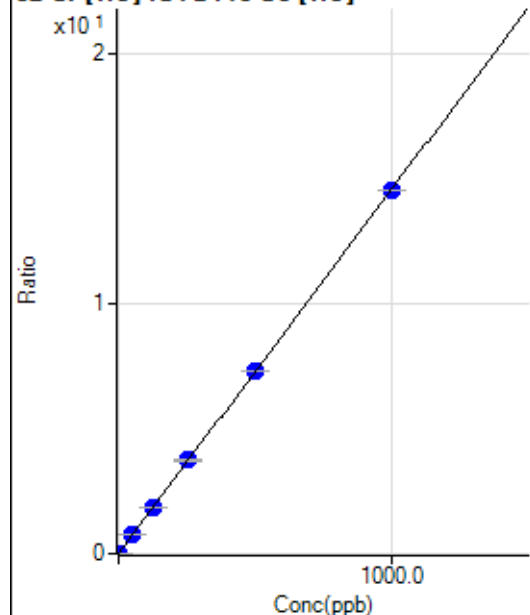
$$R = 1.0000$$

$$DL = 0.01371$$

$$BEC = 0.01636$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1696.79	0.0076	P	3.9
2	☐	0.200					
3	☐	2.000	1.997	8177.93	0.0366	P	3.0
4	☐	50.000	51.956	170497.27	0.7626	P	0.9
5	☐	125.000	128.568	418611.21	1.8760	P	0.4
6	☐	250.000	256.192	838756.92	3.7308	P	0.6
7	☐	500.000	503.110	1645275.67	7.3192	P	0.1
8	☐	1000.000	996.353	3301045.92	14.4873	P	0.1
9	☐			72086.25	0.3233	P	1.3

$$y = 0.0145 * x + 0.0076$$

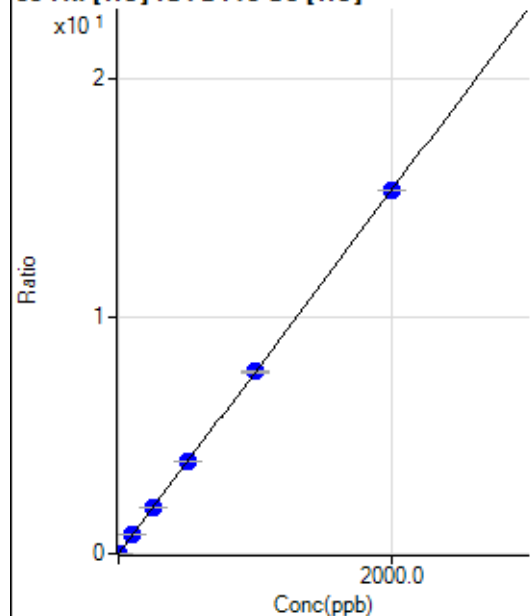
$$R = 1.0000$$

$$DL = 0.06156$$

$$BEC = 0.5218$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0005	P	10.1
2	☐	0.100					
3	☐	1.000	1.003	1829.04	0.0082	P	8.3
4	☐	100.000	102.668	175984.67	0.7872	P	0.4
5	☐	250.000	255.737	437364.57	1.9601	P	0.8
6	☐	500.000	508.607	876286.59	3.8977	P	0.7
7	☐	1000.000	1000.469	1723350.79	7.6665	P	0.3
8	☐	2000.000	1996.763	3486341.41	15.3006	P	0.1
9	☐			13745.49	0.0616	P	0.5

$$y = 0.0077 * x + 5.0644E-004$$

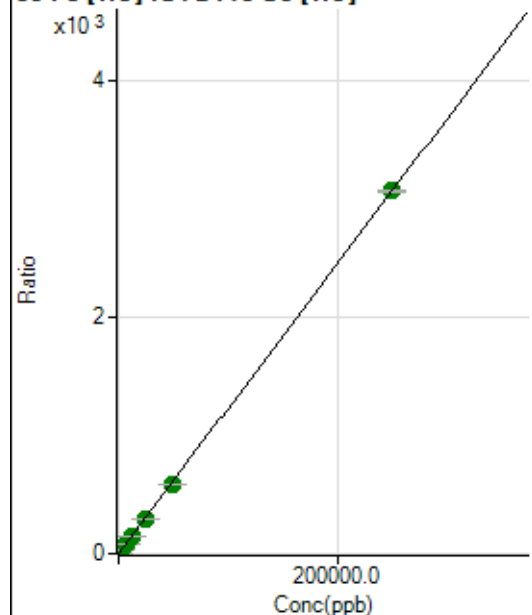
$$R = 1.0000$$

$$DL = 0.02013$$

$$BEC = 0.06609$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4006.22	0.0179	P	2.9
2	☐	5.000					
3	☐	50.000	47.455	133590.78	0.5980	P	1.5
4	☐	2500.000	2566.874	7018538.64	31.3946	A	0.1
5	☐	6250.000	6172.744	16840664.96	75.4715	A	0.5
6	☐	12500.000	12313.476	33843601.68	150.5339	A	0.7
7	☐	25000.000	24068.865	66140091.75	294.2280	A	0.8
8	☐	50000.000	47489.143	132273466.8	580.5099	A	0.2
9	☐	250000.00	250605.87	683077511.5	3,063.343	A	0.4

$$y = 0.0122 * x + 0.0179$$

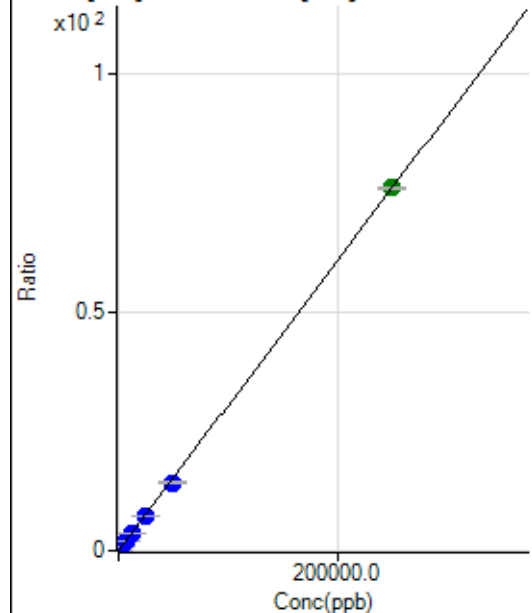
$$R = 0.9999$$

$$DL = 0.1256$$

$$BEC = 1.465$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.04	0.0004	P	31.6
2	☐	5.000					
3	☐	50.000	47.115	3287.50	0.0147	P	2.8
4	☐	2500.000	2534.725	172379.26	0.7711	P	0.4
5	☐	6250.000	6096.339	413691.97	1.8540	P	0.4
6	☐	12500.000	12099.000	827145.59	3.6791	P	0.3
7	☐	25000.000	23872.758	1631723.49	7.2589	P	0.3
8	☐	50000.000	47130.449	3265268.56	14.3304	P	0.3
9	☐	250000.00	250710.17	16997332.33	76.2286	A	0.7

$$y = 3.0405E-004 * x + 3.8923E-004$$

$$R = 0.9999$$

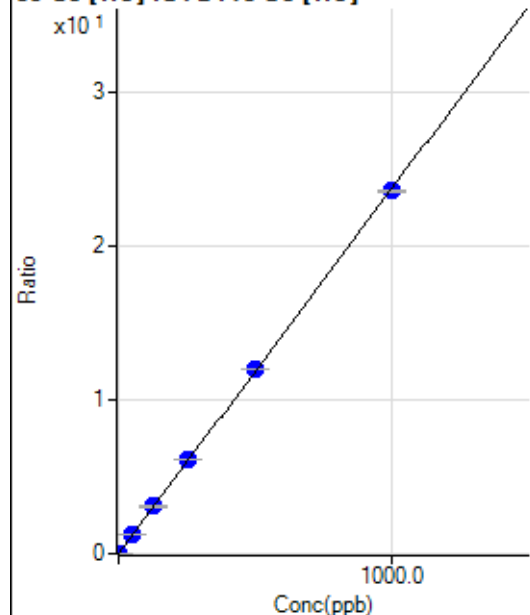
$$DL = 1.214$$

$$BEC = 1.28$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.78	0.0010	P	15.2
2	☐	0.100					
3	☐	1.000	0.963	5317.72	0.0238	P	5.6
4	☐	50.000	52.332	277035.64	1.2392	P	0.9
5	☐	125.000	129.247	682589.49	3.0591	P	0.4
6	☐	250.000	256.636	1365373.94	6.0731	P	0.5
7	☐	500.000	505.594	2689258.88	11.9635	P	0.3
8	☐	1000.000	994.896	5363850.06	23.5406	P	0.5
9	☐			6657.15	0.0299	P	1.8

$$y = 0.0237 * x + 0.0010$$

$$R = 0.9999$$

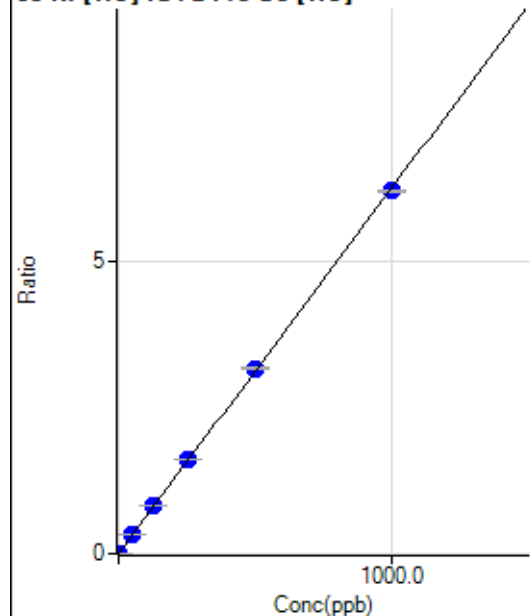
$$DL = 0.01966$$

$$BEC = 0.04301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0005	P	33.6
2	☐	0.100					
3	☐	1.000	1.048	1571.22	0.0070	P	4.9
4	☐	50.000	53.830	75187.13	0.3363	P	1.5
5	☐	125.000	131.734	183492.80	0.8223	P	0.1
6	☐	250.000	258.804	363101.93	1.6151	P	0.5
7	☐	500.000	507.397	711659.00	3.1659	P	0.6
8	☐	1000.000	993.067	1411750.05	6.1958	P	0.4
9	☐			17164.70	0.0770	P	1.2

$$y = 0.0062 * x + 4.9720E-004$$

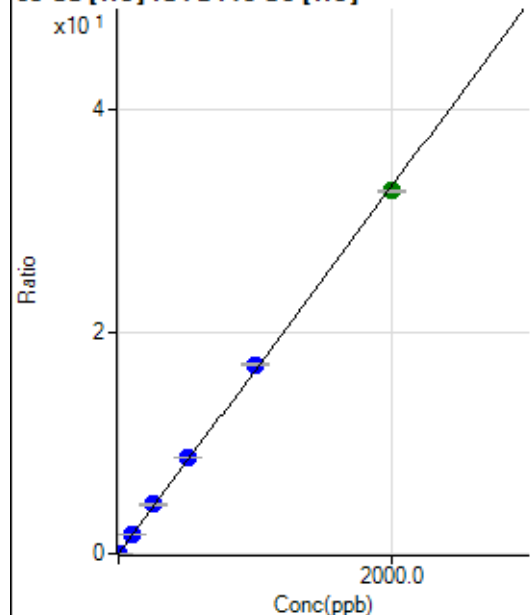
$$R = 0.9999$$

$$DL = 0.08023$$

$$BEC = 0.0797$$

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	550.02	0.0025	P	5.1
2	☐	0.200					
3	☐	2.000	2.107	8329.16	0.0373	P	2.6
4	☐	100.000	107.632	398222.35	1.7813	P	0.6
5	☐	250.000	267.153	985754.97	4.4177	P	0.3
6	☐	500.000	526.777	1957893.79	8.7085	P	0.1
7	☐	1000.000	1027.866	3819073.45	16.9900	P	0.8
8	☐	2000.000	1976.847	7444963.85	32.6739	A	0.2
9	☐			10372.70	0.0465	P	5.0

$$y = 0.0165 * x + 0.0025$$

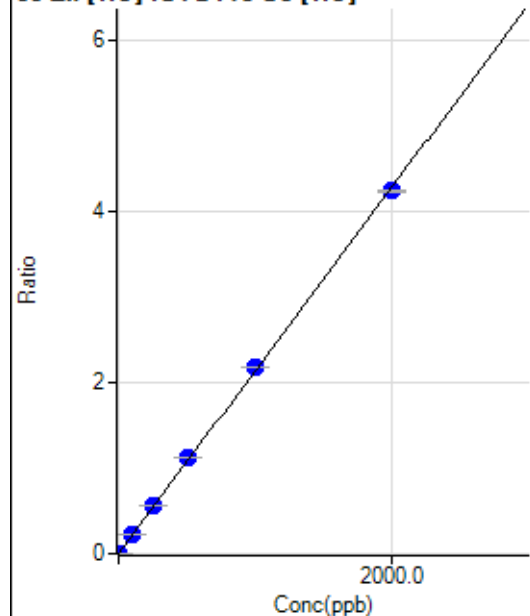
$$R = 0.9997$$

$$DL = 0.02259$$

$$BEC = 0.1488$$

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	133.34	0.0006	P	13.6
2	☐	0.200					
3	☐	2.000	2.250	1208.96	0.0054	P	2.1
4	☐	100.000	106.438	51053.46	0.2284	P	0.6
5	☐	250.000	262.225	125346.42	0.5617	P	0.3
6	☐	500.000	523.152	251828.95	1.1201	P	0.7
7	☐	1000.000	1018.230	489935.66	2.1795	P	0.2
8	☐	2000.000	1983.247	967160.32	4.2446	P	0.6
9	☐			9373.13	0.0420	P	1.2

$$y = 0.0021 * x + 5.9622E-004$$

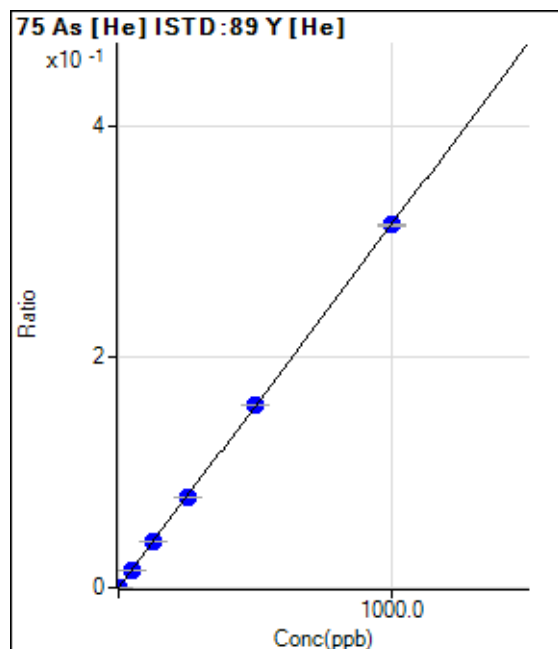
$$R = 0.9999$$

$$DL = 0.1141$$

$$BEC = 0.2786$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.26	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.947	356.80	0.0003	P	4.8
4	☐	50.000	49.792	18393.19	0.0157	P	1.5
5	☐	125.000	125.066	46028.11	0.0394	P	0.5
6	☐	250.000	249.792	92881.56	0.0787	P	0.3
7	☐	500.000	501.734	184758.89	0.1580	P	0.0
8	☐	1000.000	999.187	373059.08	0.3146	P	0.3
9	☐			535.82	0.0005	P	7.9

$$y = 3.1487\text{E-}004 * x + 7.8984\text{E-}006$$

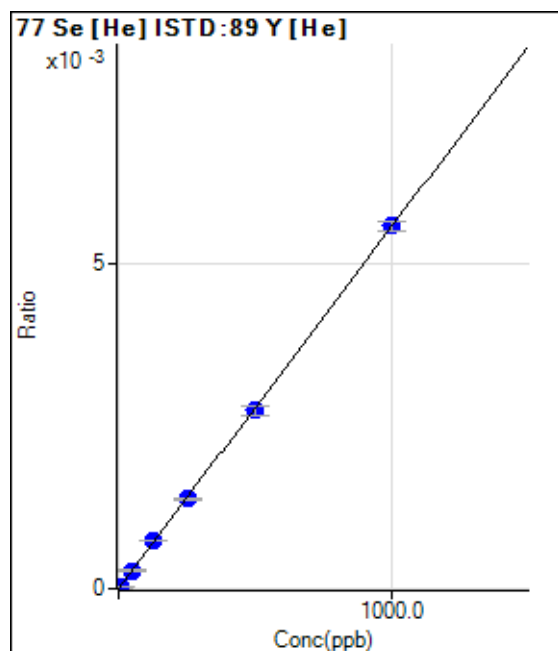
$$R = 1.0000$$

$$DL = 0.02575$$

$$BEC = 0.02508$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.454	30.00	0.0000	P	39.6
4	☐	50.000	48.448	316.68	0.0003	P	9.3
5	☐	125.000	131.122	852.26	0.0007	P	1.1
6	☐	250.000	247.162	1622.34	0.0014	P	2.0
7	☐	500.000	493.952	3209.30	0.0027	P	5.4
8	☐	1000.000	1003.048	6607.16	0.0056	P	2.8
9	☐			8.89	0.0000	P	21.2

$$y = 5.5547\text{E-}006 * x + 9.5391\text{E-}007$$

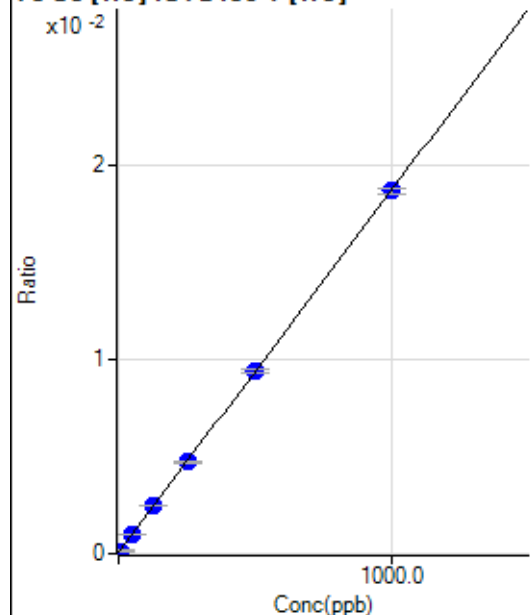
$$R = 0.9999$$

$$DL = 0.8923$$

$$BEC = 0.1717$$

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	74.69	0.0001	P	7.2
2	☐	0.500					
3	☐	5.000	4.303	167.90	0.0001	P	14.3
4	☐	50.000	50.431	1175.37	0.0010	P	2.9
5	☐	125.000	129.462	2890.44	0.0025	P	0.8
6	☐	250.000	250.051	5570.88	0.0047	P	1.9
7	☐	500.000	502.455	11010.42	0.0094	P	2.1
8	☐	1000.000	998.184	22105.16	0.0186	P	1.4
9	☐			130.25	0.0001	P	20.9

$$y = 1.8613\text{E-}005 * x + 6.3776\text{E-}005$$

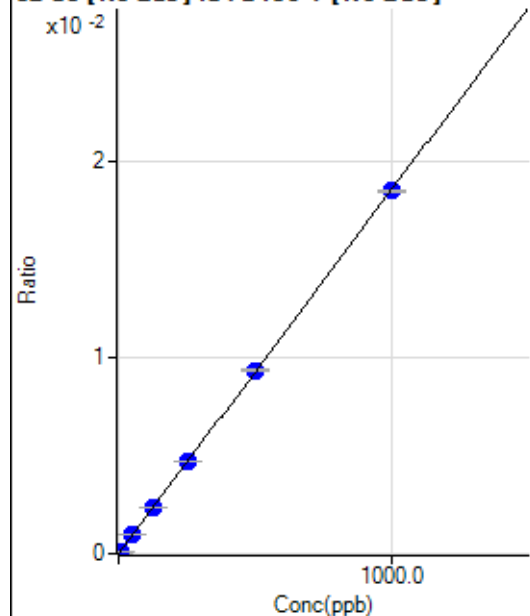
$$R = 1.0000$$

$$DL = 0.7361$$

$$BEC = 3.426$$

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	3.20	0.0000	P	815.
2	☐	0.500					
3	☐	5.000	4.642	645.39	0.0001	P	7.0
4	☐	50.000	50.537	6984.11	0.0009	P	0.8
5	☐	125.000	126.808	17458.46	0.0024	P	1.4
6	☐	250.000	253.521	34933.63	0.0047	P	0.9
7	☐	500.000	503.279	69661.69	0.0093	P	0.8
8	☐	1000.000	997.229	137760.86	0.0185	P	0.7
9	☐			213.01	0.0000	P	22.5

$$y = 1.8540\text{E-}005 * x + 4.1734\text{E-}007$$

$$R = 1.0000$$

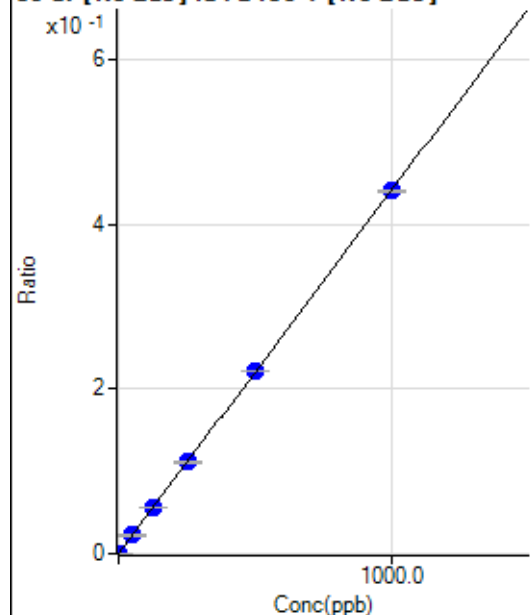
$$DL = 0.5507$$

$$BEC = 0.02251$$

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	1025.08	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.925	4067.41	0.0005	P	1.9
4	☐	50.000	50.082	165527.11	0.0222	P	1.4
5	☐	125.000	126.508	415077.69	0.0559	P	1.0
6	☐	250.000	252.011	826745.25	0.1112	P	1.0
7	☐	500.000	501.530	1651798.88	0.2213	P	0.3
8	☐	1000.000	998.540	3281243.80	0.4404	P	0.3
9	☐			95133.76	0.0132	P	2.7

$$y = 4.4089\text{E-}004 * x + 1.3728\text{E-}004$$

$$R = 1.0000$$

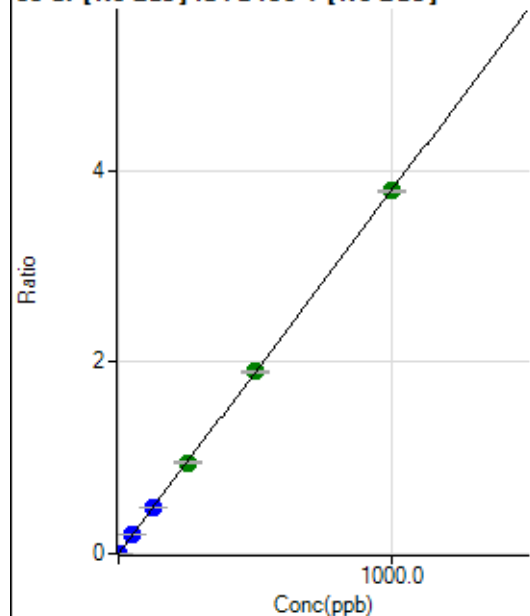
$$DL = 0.09387$$

$$BEC = 0.3114$$

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	183.34	0.0000	P	3.9
2	☐	0.100					
3	☐	1.000	0.905	25779.53	0.0035	P	0.7
4	☐	50.000	50.606	1428519.41	0.1917	P	0.8
5	☐	125.000	127.439	3584199.30	0.4828	P	0.9
6	☐	250.000	250.513	7052680.45	0.9491	A	1.4
7	☐	500.000	500.543	14156636.60	1.8962	A	0.3
8	☐	1000.000	999.265	28205828.41	3.7856	A	0.2
9	☐			818472.93	0.1136	P	0.9

$$y = 0.0038 * x + 2.4559\text{E-}005$$

$$R = 1.0000$$

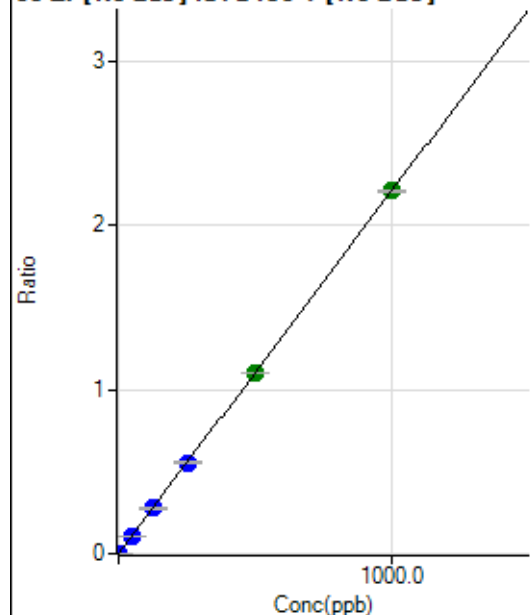
$$DL = 0.0007629$$

$$BEC = 0.006483$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.25	0.0000	P	22.4
2	☐	0.100					
3	☐	1.000	0.689	11719.19	0.0016	P	4.3
4	☐	50.000	48.712	801166.14	0.1075	P	0.9
5	☐	125.000	124.892	2046176.59	0.2756	P	0.5
6	☐	250.000	250.388	4106031.04	0.5525	P	1.4
7	☐	500.000	498.499	8212110.34	1.1000	A	0.6
8	☐	1000.000	1000.732	16452576.76	2.2082	A	0.6
9	☐			4189.69	0.0006	P	5.6

$$y = 0.0022 * x + 4.9870E-005$$

$$R = 1.0000$$

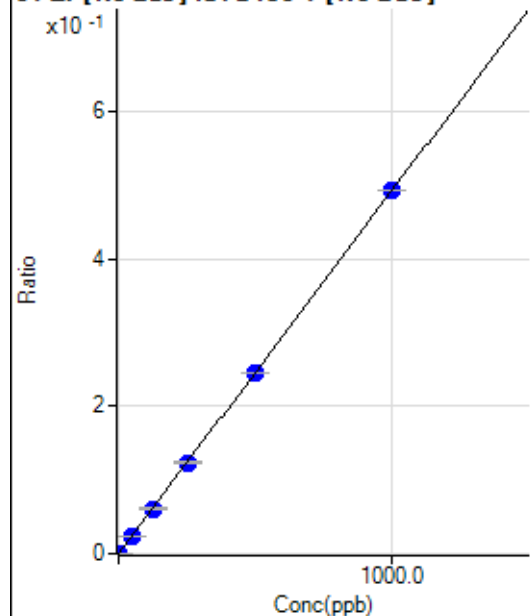
$$DL = 0.01521$$

$$BEC = 0.0226$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	28.1
2	☐	0.100					
3	☐	1.000	0.649	2503.11	0.0003	P	5.8
4	☐	50.000	48.570	177985.12	0.0239	P	0.4
5	☐	125.000	124.355	453912.02	0.0611	P	0.6
6	☐	250.000	250.566	915336.99	0.1232	P	1.4
7	☐	500.000	497.825	1826861.26	0.2447	P	0.6
8	☐	1000.000	1001.099	3666360.24	0.4921	P	0.2
9	☐			988.97	0.0001	P	8.8

$$y = 4.9151E-004 * x + 1.6369E-005$$

$$R = 1.0000$$

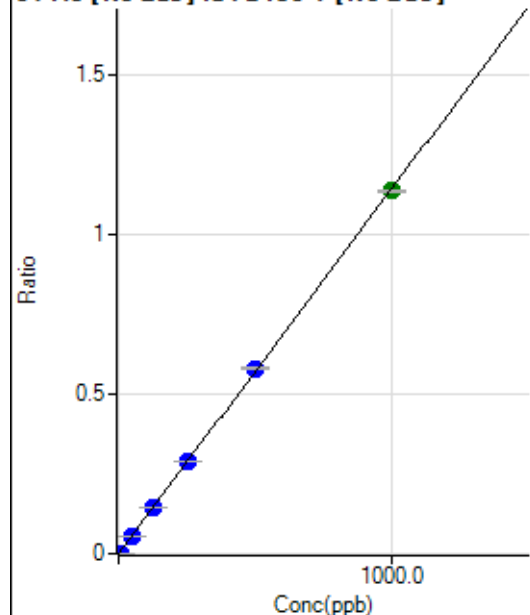
$$DL = 0.02811$$

$$BEC = 0.0333$$

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	247.24	0.0000	P	24.5
2	☐	0.500					
3	☐	5.000	1.864	16143.13	0.0022	P	3.7
4	☐	50.000	49.414	420913.24	0.0565	P	0.5
5	☐	125.000	125.484	1064702.14	0.1434	P	0.2
6	☐	250.000	253.082	2149213.15	0.2892	P	1.4
7	☐	500.000	508.205	4335378.66	0.5807	P	0.4
8	☐	1000.000	995.111	8472238.73	1.1371	A	0.7
9	☐			16198.67	0.0022	P	8.0

$$y = 0.0011 * x + 3.3158E-005$$

$$R = 0.9999$$

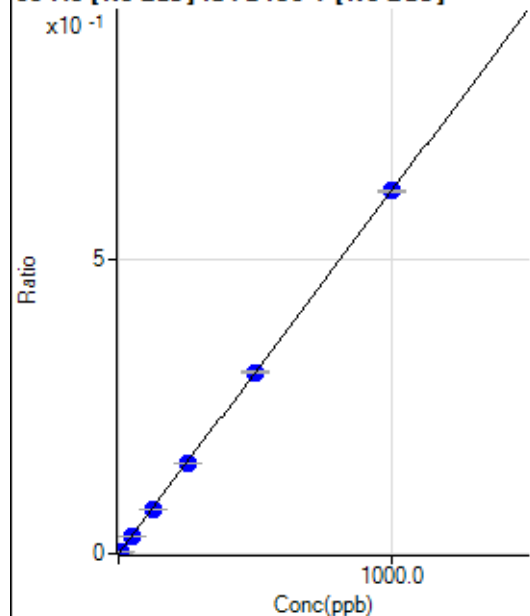
$$DL = 0.02131$$

$$BEC = 0.02902$$

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	144.45	0.0000	P	3.5
2	☐	0.500					
3	☐	5.000	4.584	21294.35	0.0029	P	2.4
4	☐	50.000	48.624	224126.53	0.0301	P	0.2
5	☐	125.000	122.851	564001.37	0.0760	P	0.9
6	☐	250.000	250.084	1149178.29	0.1546	P	1.2
7	☐	500.000	500.283	2309295.22	0.3093	P	0.5
8	☐	1000.000	1000.177	4607586.56	0.6184	P	0.3
9	☐			26130.45	0.0036	P	4.9

$$y = 6.1826E-004 * x + 1.9354E-005$$

$$R = 1.0000$$

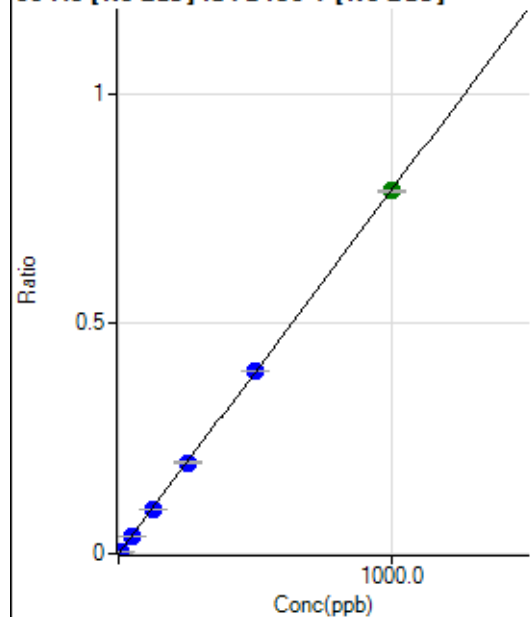
$$DL = 0.003266$$

$$BEC = 0.0313$$

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	222.24	0.0000	P	18.1
2	☐	0.500					
3	☐	5.000	3.857	22955.35	0.0031	P	3.2
4	☐	50.000	48.751	287061.75	0.0385	P	1.1
5	☐	125.000	123.833	726224.42	0.0978	P	0.7
6	☐	250.000	251.131	1474043.71	0.1984	P	1.5
7	☐	500.000	503.306	2967614.78	0.3975	P	0.3
8	☐	1000.000	998.278	5874298.01	0.7884	A	0.4
9	☐			32323.83	0.0045	P	4.8

$$y = 7.8973E-004 * x + 2.9758E-005$$

$$R = 1.0000$$

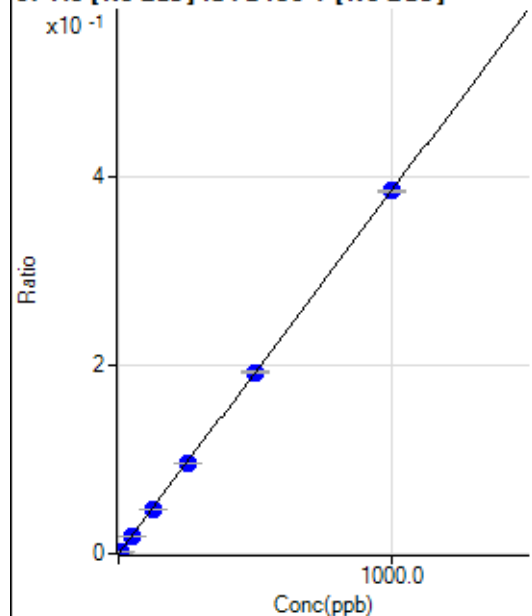
$$DL = 0.02049$$

$$BEC = 0.03768$$

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	125.01	0.0000	P	17.8
2	☐	0.500					
3	☐	5.000	4.582	13267.76	0.0018	P	3.7
4	☐	50.000	48.859	140032.09	0.0188	P	0.8
5	☐	125.000	123.722	353133.59	0.0476	P	0.9
6	☐	250.000	249.879	713821.08	0.0961	P	1.4
7	☐	500.000	500.581	1436474.32	0.1924	P	0.5
8	☐	1000.000	999.958	2863675.84	0.3843	P	0.5
9	☐			16359.93	0.0023	P	7.1

$$y = 3.8434E-004 * x + 1.6752E-005$$

$$R = 1.0000$$

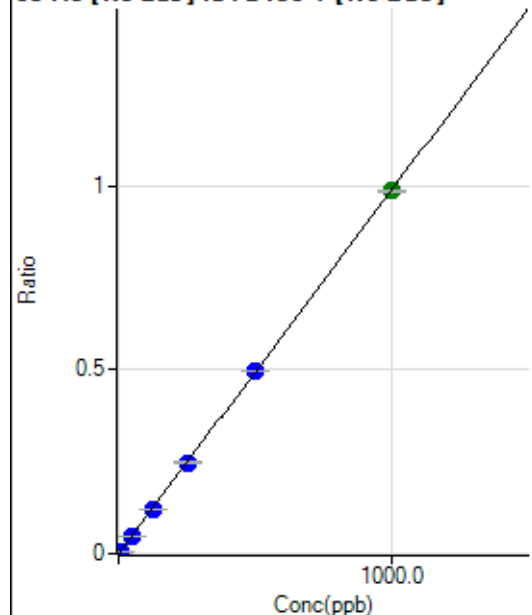
$$DL = 0.02332$$

$$BEC = 0.04359$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	24.2
2	☐	0.500					
3	☐	5.000	4.587	34044.41	0.0046	P	2.7
4	☐	50.000	48.297	356111.88	0.0478	P	1.9
5	☐	125.000	123.487	907010.65	0.1222	P	0.4
6	☐	250.000	250.306	1840085.70	0.2476	P	1.8
7	☐	500.000	504.074	3722622.09	0.4986	P	0.2
8	☐	1000.000	998.163	7356805.63	0.9874	A	0.8
9	☐			41174.93	0.0057	P	7.4

$$y = 9.8917\text{E-}004 * x + 2.4216\text{E-}005$$

$$R = 1.0000$$

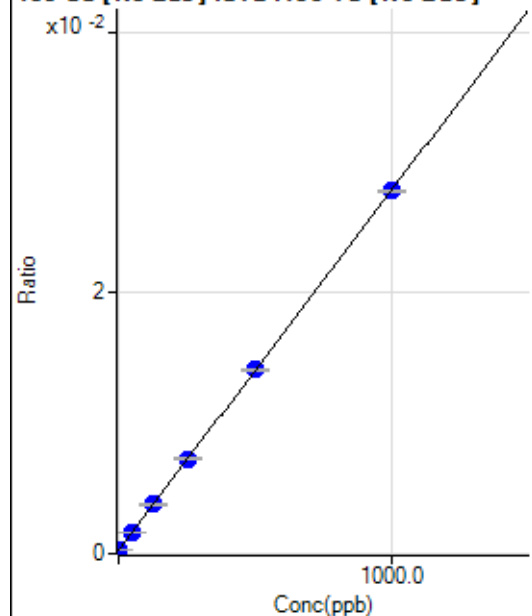
$$DL = 0.0178$$

$$BEC = 0.02448$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2236.38	0.0003	P	2.6
2	☐	0.100					
3	☐	1.000	0.545	2355.86	0.0003	P	6.4
4	☐	50.000	51.367	14324.42	0.0017	P	1.3
5	☐	125.000	127.347	32279.38	0.0038	P	1.5
6	☐	250.000	253.705	62056.09	0.0073	P	1.4
7	☐	500.000	500.734	119408.58	0.0141	P	1.1
8	☐	1000.000	998.345	234669.63	0.0278	P	0.6
9	☐			2122.48	0.0003	P	7.6

$$y = 2.7613\text{E-}005 * x + 2.6136\text{E-}004$$

$$R = 1.0000$$

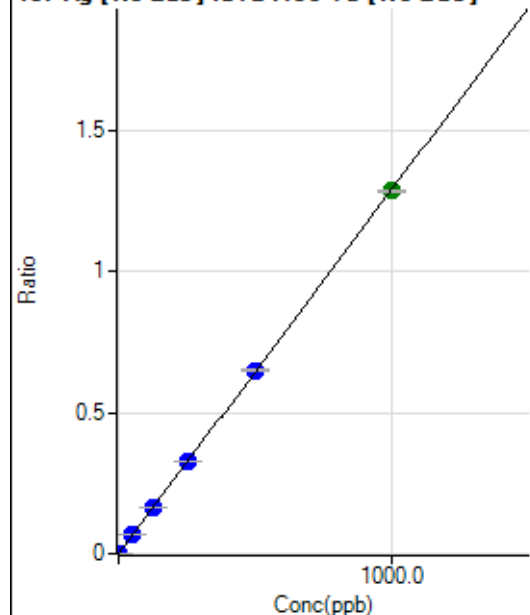
$$DL = 0.7522$$

$$BEC = 9.465$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	60.7
2	☐	0.100					
3	☐	1.000	0.820	9056.03	0.0011	P	2.9
4	☐	50.000	51.124	562031.77	0.0659	P	0.1
5	☐	125.000	126.877	1397536.20	0.1636	P	0.6
6	☐	250.000	252.653	2780958.94	0.3257	P	0.8
7	☐	500.000	503.339	5499364.92	0.6488	P	1.1
8	☐	1000.000	997.376	10841475.24	1.2856	A	0.6
9	☐			1022.30	0.0001	P	7.4

$$y = 0.0013 * x + 4.8840E-006$$

$$R = 1.0000$$

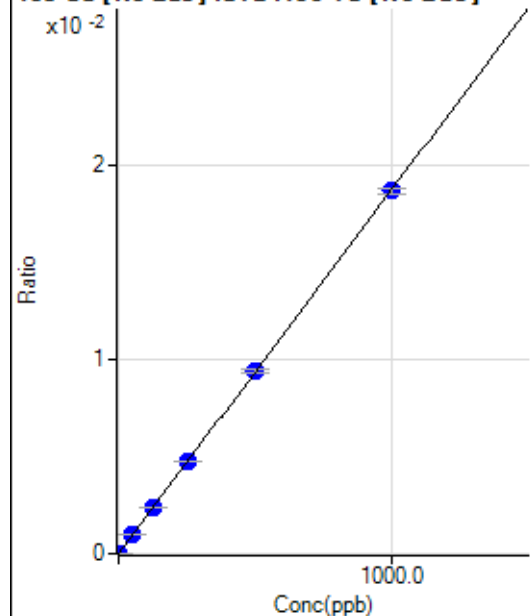
$$DL = 0.006899$$

$$BEC = 0.003789$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	1.017	170.84	0.0000	P	15.0
4	☐	50.000	51.197	8192.83	0.0010	P	0.7
5	☐	125.000	126.397	20256.45	0.0024	P	2.2
6	☐	250.000	254.335	40718.31	0.0048	P	1.2
7	☐	500.000	502.477	79841.42	0.0094	P	2.0
8	☐	1000.000	997.443	157677.83	0.0187	P	1.3
9	☐			43.05	0.0000	P	49.1

$$y = 1.8746E-005 * x + 9.7394E-007$$

$$R = 1.0000$$

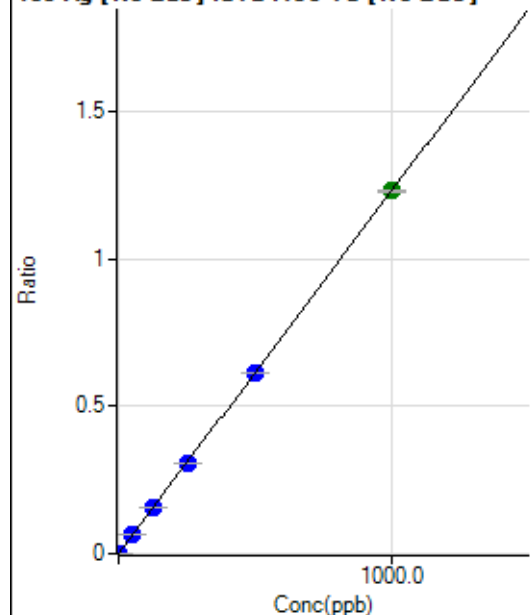
$$DL = 0.07758$$

$$BEC = 0.05196$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	0.820	8625.12	0.0010	P	2.5
4	☐	50.000	50.572	531136.93	0.0623	P	0.5
5	☐	125.000	125.601	1321747.47	0.1547	P	0.3
6	☐	250.000	250.352	2632653.73	0.3083	P	0.8
7	☐	500.000	498.722	5205832.06	0.6142	P	0.8
8	☐	1000.000	1000.447	10389668.72	1.2321	A	0.5
9	☐			1016.76	0.0001	P	3.9

$$y = 0.0012 * x + 2.2847E-006$$

$$R = 1.0000$$

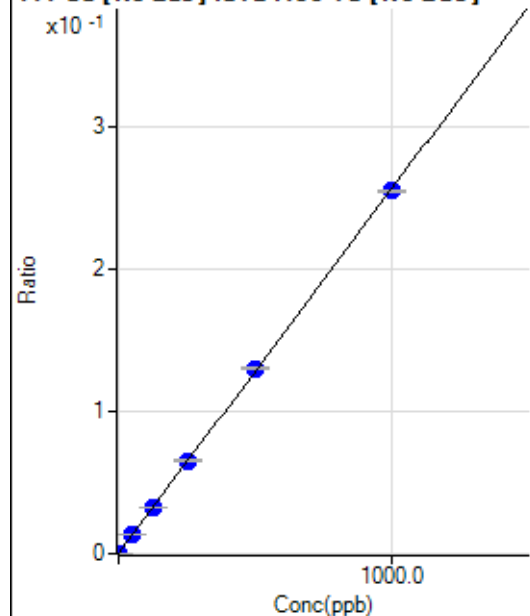
$$DL = 0.005553$$

$$BEC = 0.001855$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1587.41	0.0002	P	2.9
2	☐	0.100					
3	☐	1.000	0.902	3546.37	0.0004	P	6.5
4	☐	50.000	51.251	113318.16	0.0133	P	0.6
5	☐	125.000	127.235	279531.84	0.0327	P	0.6
6	☐	250.000	254.941	558131.70	0.0654	P	0.3
7	☐	500.000	506.785	1099722.28	0.1297	P	0.7
8	☐	1000.000	995.030	2146665.75	0.2546	P	0.5
9	☐			1732.00	0.0002	P	3.9

$$y = 2.5565E-004 * x + 1.8551E-004$$

$$R = 1.0000$$

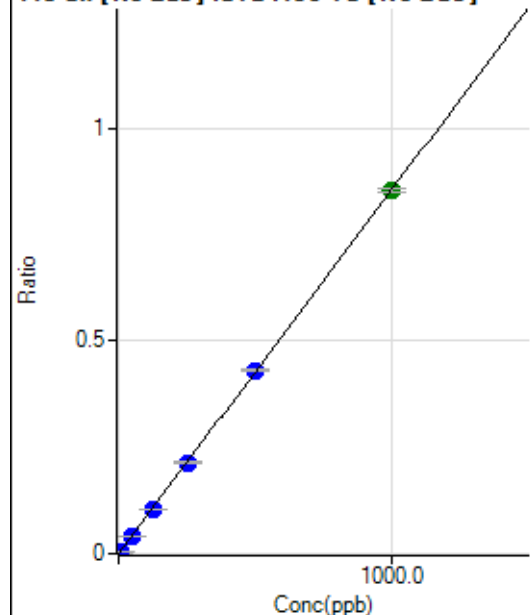
$$DL = 0.06323$$

$$BEC = 0.7256$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.26	0.0001	P	21.9
2	☐	0.500					
3	☐	5.000	4.680	34557.38	0.0041	P	3.5
4	☐	50.000	49.839	363353.93	0.0426	P	1.1
5	☐	125.000	123.495	901408.15	0.1055	P	0.6
6	☐	250.000	250.365	1825592.64	0.2138	P	1.2
7	☐	500.000	504.529	3651269.74	0.4308	P	1.2
8	☐	1000.000	997.842	7184133.75	0.8519	A	0.9
9	☐			10607.24	0.0013	P	9.2

$$y = 8.5372\text{E-}004 * x + 5.8080\text{E-}005$$

$$R = 1.0000$$

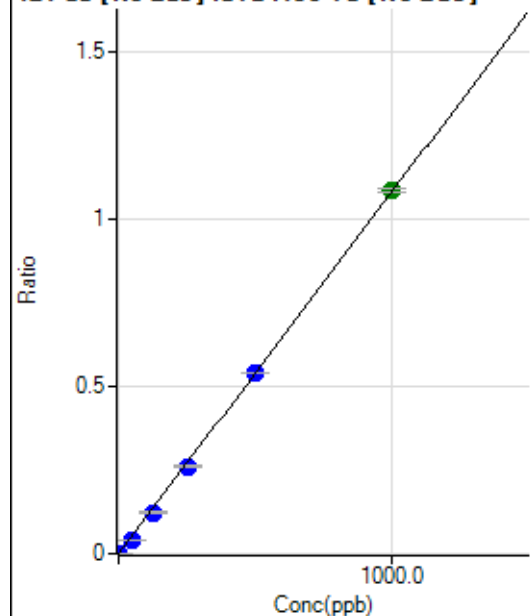
$$DL = 0.04479$$

$$BEC = 0.06803$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	69.2
2	☐	0.200					
3	☐	2.000	1.816	16732.77	0.0020	P	5.3
4	☐	50.000	38.834	357170.25	0.0419	P	2.4
5	☐	125.000	113.739	1048125.09	0.1227	P	1.5
6	☐	250.000	241.430	2222929.04	0.2603	P	1.8
7	☐	500.000	500.034	4570290.12	0.5392	P	0.8
8	☐	1000.000	1004.092	9130188.23	1.0827	A	1.1
9	☐			49268.30	0.0061	P	5.7

$$y = 0.0011 * x + 4.5563\text{E-}006$$

$$R = 0.9999$$

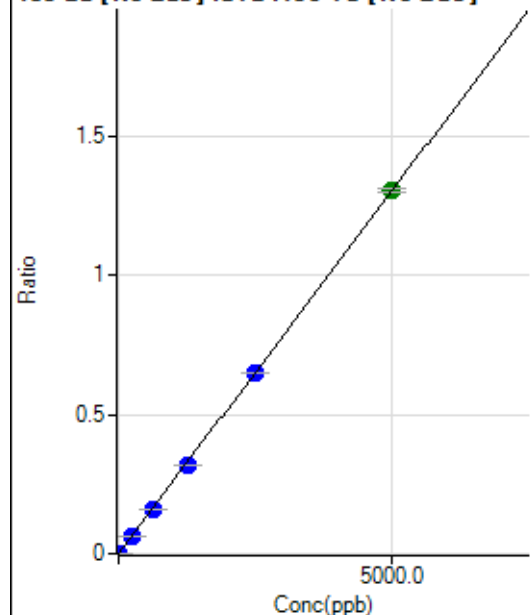
$$DL = 0.008771$$

$$BEC = 0.004225$$

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	75.01	0.0000	P	28.8
2	☐	1.000					
3	☐	10.000	9.355	20835.69	0.0024	P	2.8
4	☐	250.000	247.141	548710.08	0.0643	P	0.5
5	☐	625.000	615.337	1368771.03	0.1602	P	0.8
6	☐	1250.000	1230.338	2734874.02	0.3203	P	0.5
7	☐	2500.000	2495.845	5506922.60	0.6497	P	0.7
8	☐	5000.000	5008.345	10993724.03	1.3037	A	1.0
9	☐			3586.73	0.0004	P	5.3

$$y = 2.6031\text{E-}004 * x + 8.7553\text{E-}006$$

$$R = 1.0000$$

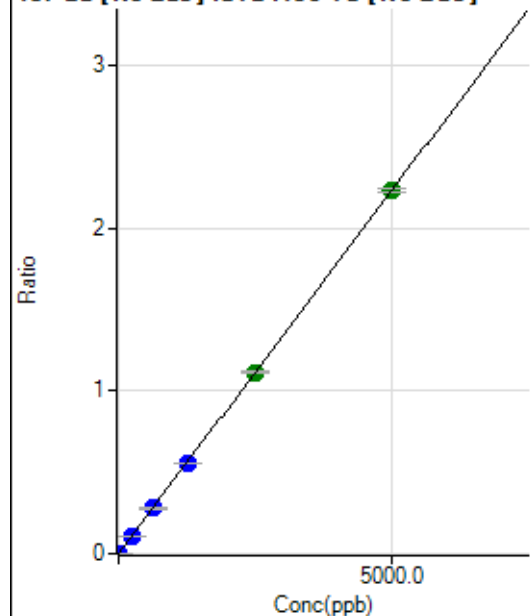
$$DL = 0.02909$$

$$BEC = 0.03363$$

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	163.90	0.0000	P	14.3
2	☐	1.000					
3	☐	10.000	9.421	35975.27	0.0042	P	2.1
4	☐	250.000	248.926	946646.38	0.1110	P	0.2
5	☐	625.000	622.899	2373318.74	0.2777	P	0.9
6	☐	1250.000	1251.977	4766628.66	0.5582	P	0.9
7	☐	2500.000	2499.982	9447859.76	1.1147	A	0.9
8	☐	5000.000	4999.832	18798288.79	2.2292	A	1.0
9	☐			6201.70	0.0008	P	7.5

$$y = 4.4586\text{E-}004 * x + 1.9146\text{E-}005$$

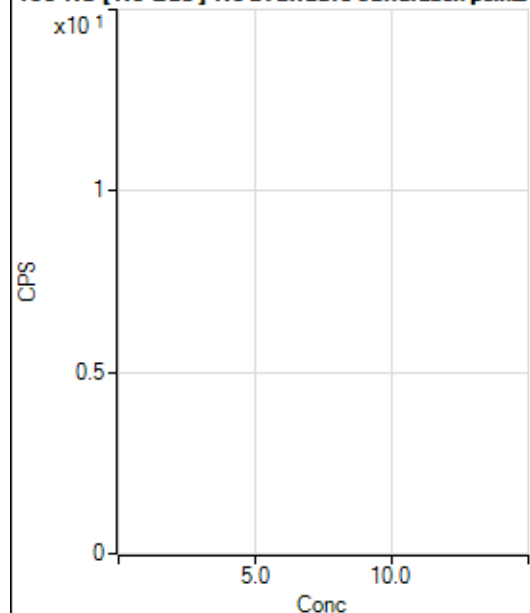
$$R = 1.0000$$

$$DL = 0.01839$$

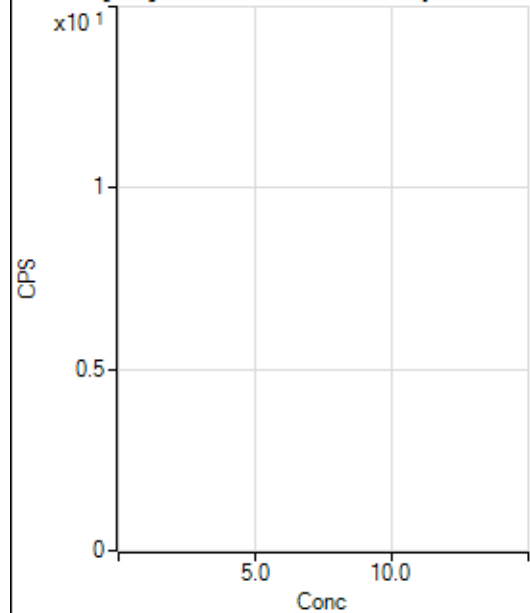
$$BEC = 0.04294$$

Weight: <None>

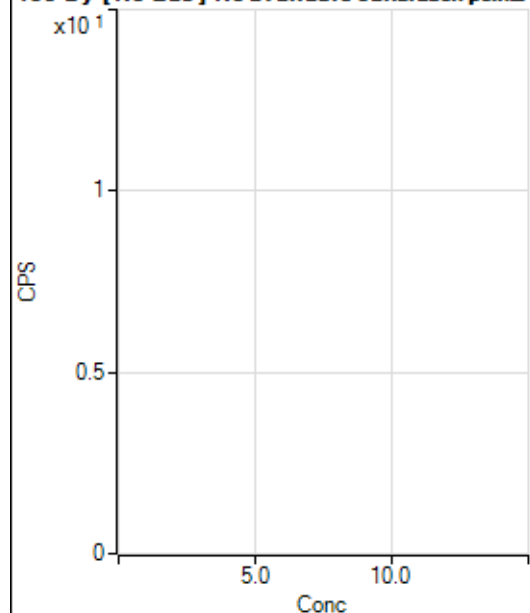
Min Conc: 0

150 Nd [No Gas] No available calibration points

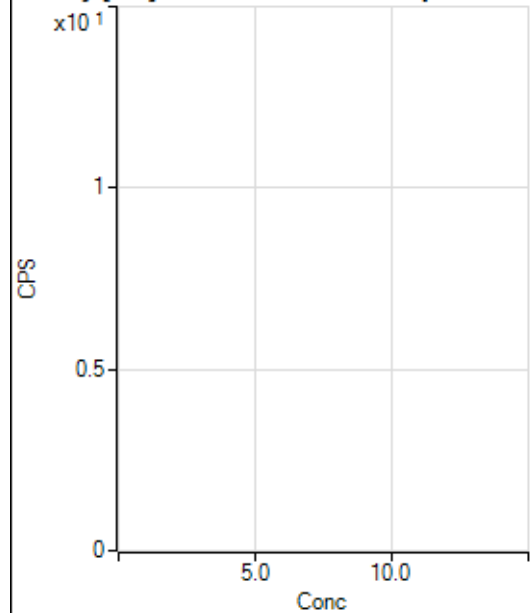
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			8.89		P	86.6
4	☐			31.11		P	12.4
5	☐			64.45		P	12.0
6	☐			128.89		P	13.0
7	☐			313.35		P	14.9
8	☐			446.69		P	15.5
9	☐			113.34		P	15.6

150 Nd [He] No available calibration points

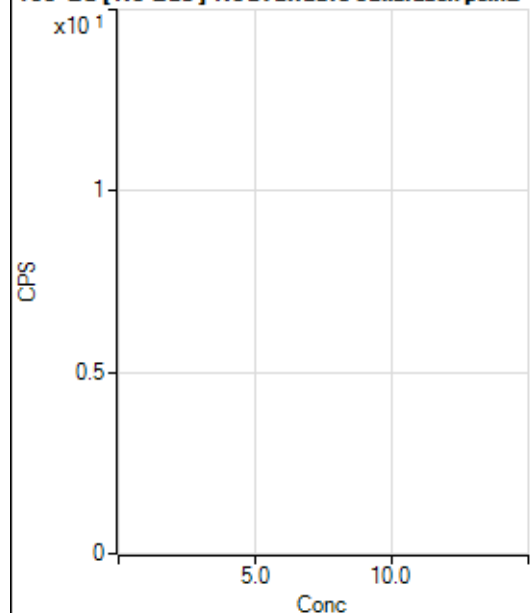
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			5.56		P	91.6
5	☐			12.22		P	68.7
6	☐			12.22		P	31.5
7	☐			34.44		P	24.3
8	☐			61.11		P	38.3
9	☐			51.11		P	42.4

156 Dy [No Gas] No available calibration points

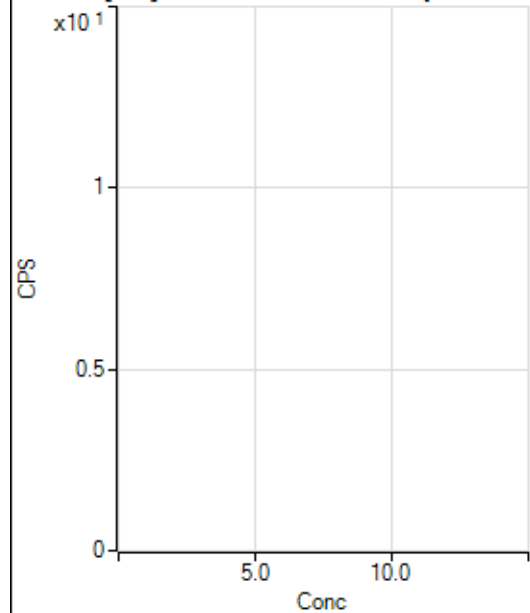
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐						
3	☐			33.33		P	25.0
4	☐			97.23		P	42.3
5	☐			41.67		P	0.0
6	☐			55.56		P	31.2
7	☐			77.78		P	50.6
8	☐			130.56		P	32.1
9	☐			144.45		P	6.7

156 Dy [He] No available calibration points

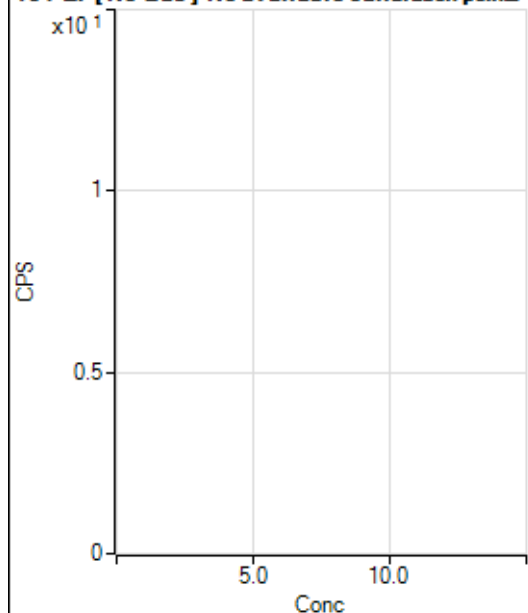
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐						
3	☐			6.67		P	132.
4	☐			28.89		P	26.6
5	☐			10.00		P	33.3
6	☐			11.11		P	34.6
7	☐			25.55		P	52.7
8	☐			33.34		P	34.6
9	☐			58.89		P	3.3

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

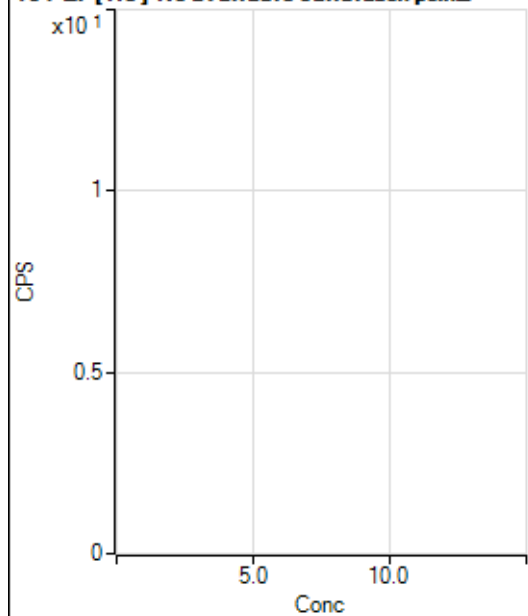
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			41.67		P	40.0
4	☐			52.78		P	32.9
5	☐			52.78		P	24.1
6	☐			55.56		P	56.8
7	☐			75.01		P	40.1
8	☐			88.90		P	37.9
9	☐			175.01		P	4.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	39.8
2	☐						
3	☐			25.56		P	32.8
4	☐			17.78		P	28.6
5	☐			25.55		P	27.1
6	☐			34.44		P	24.3
7	☐			34.44		P	34.0
8	☐			56.67		P	15.6
9	☐			85.56		P	19.6

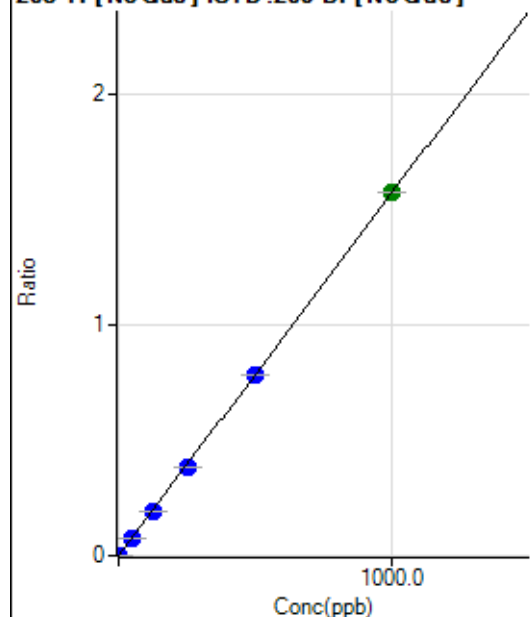
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			36.11		P	48.0
4	☐			16.67		P	50.0
5	☐			25.00		P	0.0
6	☐			30.56		P	41.7
7	☐			52.78		P	39.7
8	☐			66.67		P	54.5
9	☐			100.00		P	8.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	26.7
2	☐						
3	☐			23.33		P	57.2
4	☐			17.78		P	10.8
5	☐			10.00		P	57.7
6	☐			12.22		P	31.5
7	☐			13.33		P	90.1
8	☐			18.89		P	53.9
9	☐			58.89		P	16.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	43.3
2	☐	0.100					
3	☐	1.000	0.906	7496.88	0.0014	P	1.6
4	☐	50.000	49.226	405384.34	0.0773	P	0.4
5	☐	125.000	122.525	1000094.65	0.1924	P	0.3
6	☐	250.000	245.914	1995588.78	0.3861	P	0.7
7	☐	500.000	499.890	3980771.57	0.7848	P	0.4
8	☐	1000.000	1001.425	7731247.57	1.5722	A	0.1
9	☐			2000.25	0.0004	P	1.8

$$y = 0.0016 * x + 2.1815E-005$$

$$R = 1.0000$$

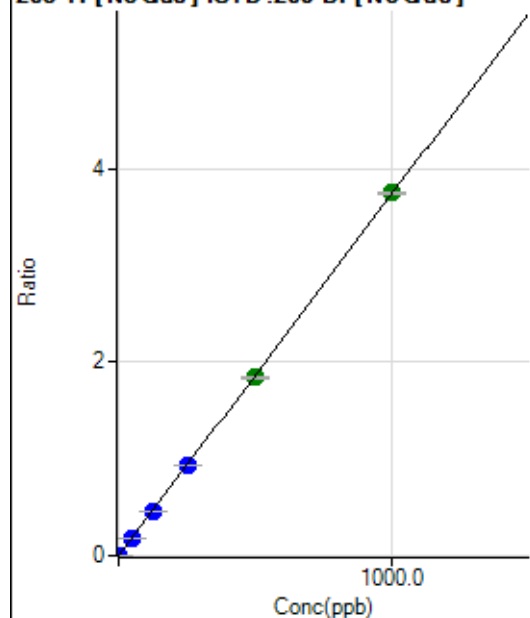
$$DL = 0.01805$$

$$BEC = 0.01389$$

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	294.46	0.0001	P	20.9
2	☐	0.100					
3	☐	1.000	0.934	18410.72	0.0035	P	0.2
4	☐	50.000	49.359	967483.51	0.1845	P	0.5
5	☐	125.000	123.099	2391564.01	0.4601	P	0.2
6	☐	250.000	248.526	4800251.36	0.9287	P	0.7
7	☐	500.000	492.643	9337419.22	1.8410	A	0.5
8	☐	1000.000	1004.317	18454501.28	3.7530	A	0.4
9	☐			4928.92	0.0011	P	4.1

$$y = 0.0037 * x + 5.6370E-005$$

$$R = 1.0000$$

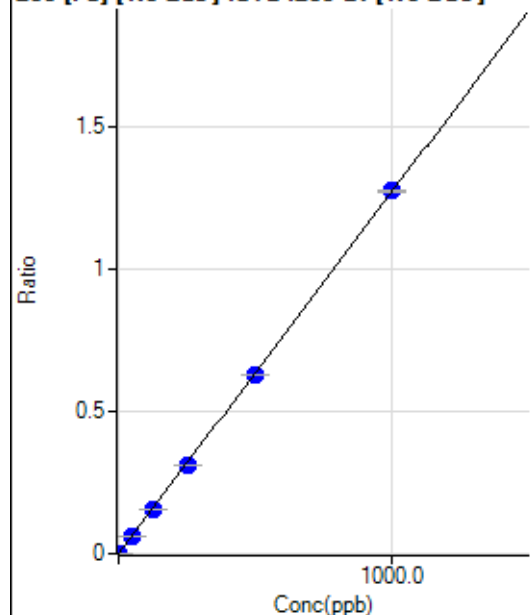
$$DL = 0.009442$$

$$BEC = 0.01509$$

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	648.18	0.0001	P	11.1
2	☐	0.100					
3	☐	1.000	0.938	6822.34	0.0013	P	3.1
4	☐	50.000	49.247	328472.80	0.0626	P	0.8
5	☐	125.000	122.495	808997.20	0.1556	P	0.9
6	☐	250.000	246.250	1616320.60	0.3127	P	0.2
7	☐	500.000	494.893	3187121.37	0.6284	P	0.5
8	☐	1000.000	1003.842	6266966.98	1.2745	P	0.2
9	☐			11184.61	0.0025	P	2.6

$$y = 0.0013 * x + 1.2395E-004$$

$$R = 1.0000$$

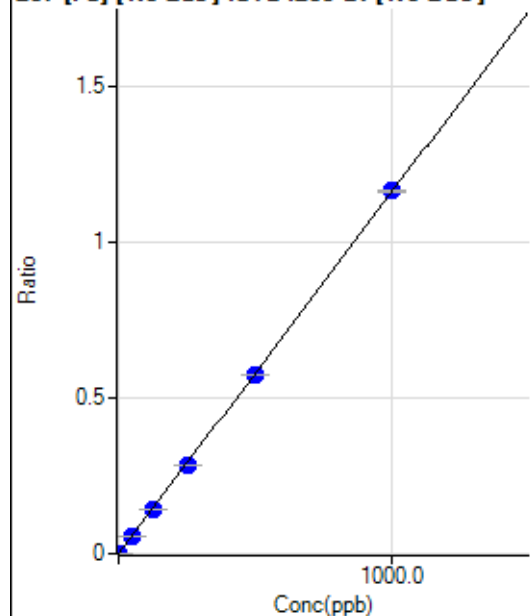
$$DL = 0.03263$$

$$BEC = 0.09764$$

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	522.25	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.954	6273.88	0.0012	P	0.9
4	☐	50.000	49.136	299833.21	0.0572	P	0.8
5	☐	125.000	122.193	738401.49	0.1420	P	0.9
6	☐	250.000	245.202	1472690.47	0.2849	P	0.1
7	☐	500.000	494.480	2913977.47	0.5745	P	0.1
8	☐	1000.000	1004.354	5737636.24	1.1668	P	0.5
9	☐			9360.98	0.0021	P	2.3

$$y = 0.0012 * x + 9.9864E-005$$

$$R = 1.0000$$

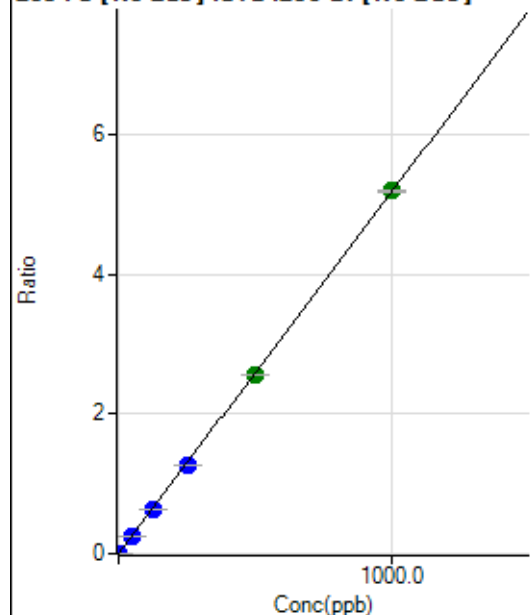
$$DL = 0.01081$$

$$BEC = 0.08597$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2631.67	0.0005	P	3.6
2	☐	0.100					
3	☐	1.000	0.944	27991.96	0.0054	P	0.8
4	☐	50.000	49.207	1339168.55	0.2554	P	0.6
5	☐	125.000	122.687	3306106.69	0.6360	P	0.7
6	☐	250.000	246.688	6606756.08	1.2783	P	0.2
7	☐	500.000	495.256	13013912.65	2.5658	A	0.1
8	☐	1000.000	1003.529	25562985.12	5.1985	A	0.3
9	☐			44007.55	0.0099	P	1.8

$$y = 0.0052 * x + 5.0329E-004$$

$$R = 1.0000$$

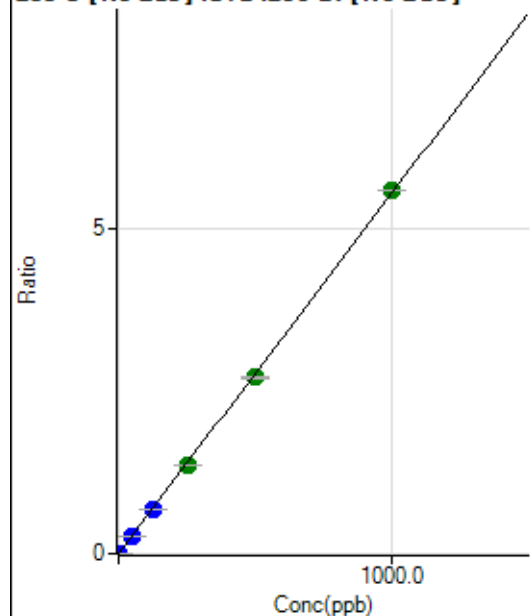
$$DL = 0.01039$$

$$BEC = 0.09716$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	694.49	0.0001	P	9.6
2	☐	0.100					
3	☐	1.000	0.957	28214.87	0.0054	P	0.9
4	☐	50.000	48.656	1413658.07	0.2696	P	0.3
5	☐	125.000	122.354	3523046.69	0.6777	P	0.4
6	☐	250.000	244.005	6984690.00	1.3514	A	0.2
7	☐	500.000	488.939	13734080.00	2.7078	A	1.1
8	☐	1000.000	1007.427	27434708.25	5.5792	A	0.2
9	☐			5787.66	0.0013	P	1.0

$$y = 0.0055 * x + 1.3278E-004$$

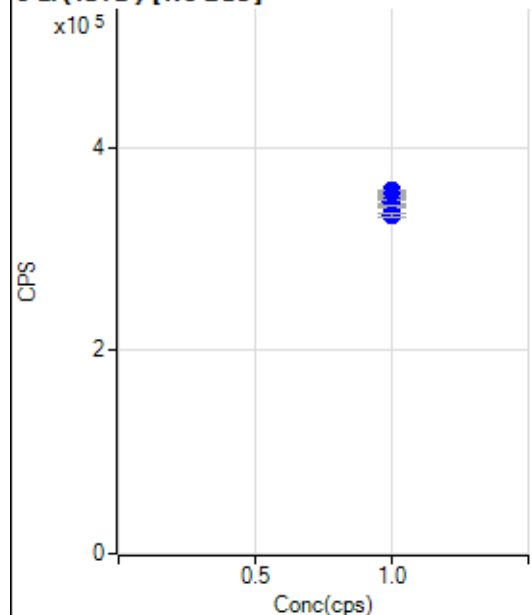
$$R = 0.9999$$

$$DL = 0.006919$$

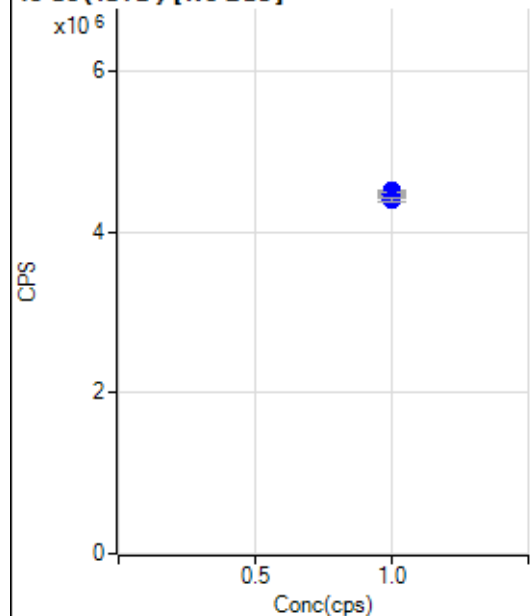
$$BEC = 0.02398$$

Weight: <None>

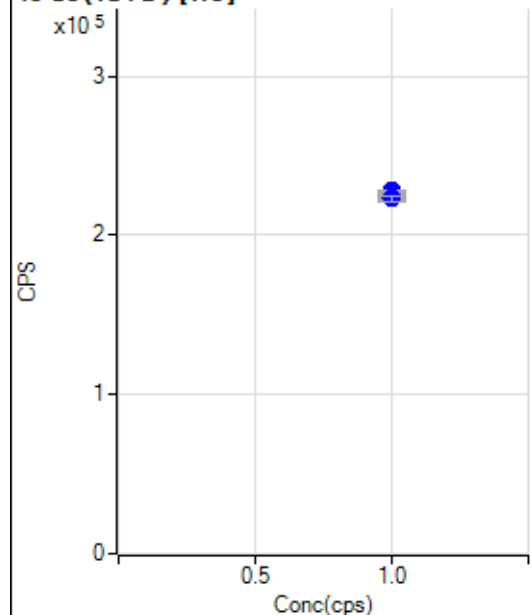
Min Conc: 0

6 Li (ISTD) [No Gas]

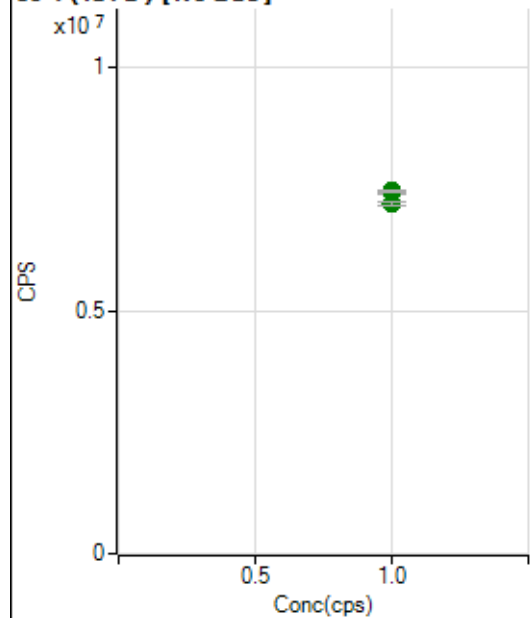
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		353184.96		P	0.7
2	☐	1.000					
3	☐	1.000		353815.06		P	0.4
4	☐	1.000		354778.35		P	0.7
5	☐	1.000		356825.23		P	0.4
6	☐	1.000		351156.58		P	0.4
7	☐	1.000		346256.42		P	0.9
8	☐	1.000		340502.13		P	0.5
9	☐	1.000		333042.86		P	1.5

45 Sc (ISTD) [No Gas]

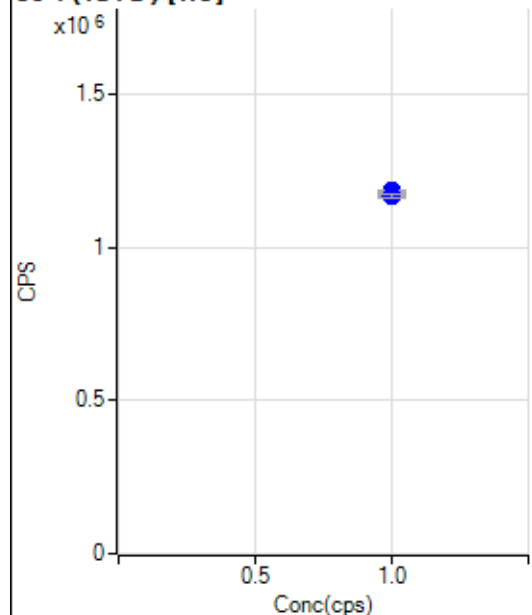
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4460943.54		P	1.0
2	☐	1.000					
3	☐	1.000		4460697.93		P	0.1
4	☐	1.000		4466783.52		P	0.5
5	☐	1.000		4486238.77		P	0.8
6	☐	1.000		4462128.92		P	0.7
7	☐	1.000		4511107.05		P	0.8
8	☐	1.000		4480000.97		P	1.1
9	☐	1.000		4404209.95		P	0.9

45 Sc (ISTD) [He]

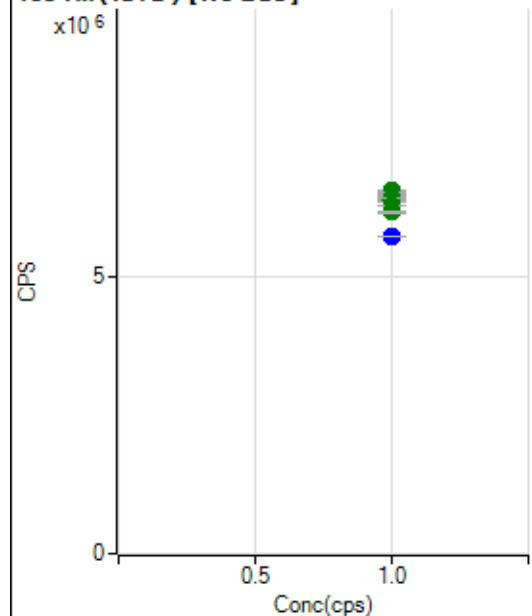
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		223724.89		P	0.6
2	☐	1.000					
3	☐	1.000		223409.47		P	0.5
4	☐	1.000		223558.92		P	0.1
5	☐	1.000		223138.31		P	0.2
6	☐	1.000		224825.86		P	0.4
7	☐	1.000		224789.54		P	0.5
8	☐	1.000		227857.58		P	0.3
9	☐	1.000		222991.56		P	1.4

89 Y (ISTD) [No Gas]

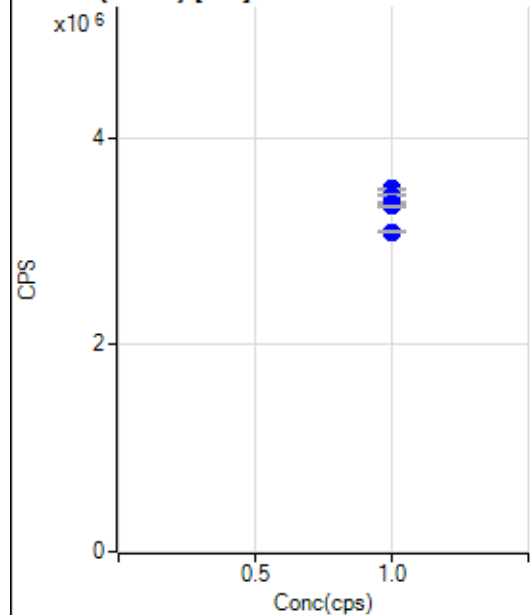
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7464091.07		A	0.6
2	☐	1.000					
3	☐	1.000		7463523.16		A	0.5
4	☐	1.000		7450575.23		A	0.6
5	☐	1.000		7424075.38		A	1.1
6	☐	1.000		7432221.83		A	1.3
7	☐	1.000		7465585.86		A	0.3
8	☐	1.000		7450895.37		A	0.3
9	☐	1.000		7203022.04		A	0.9

89 Y(ISTD) [He]

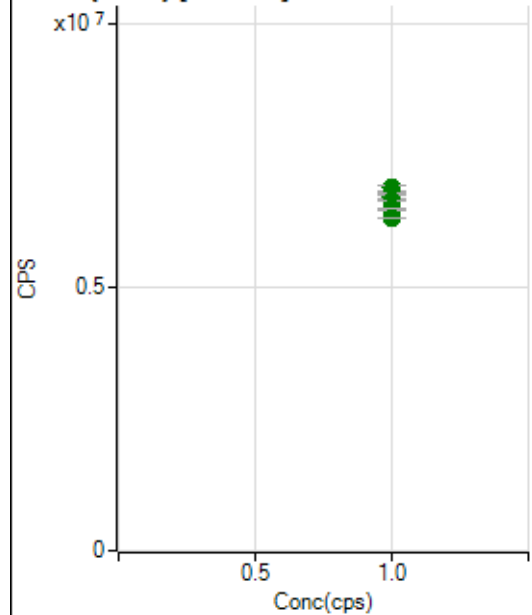
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1170951.02		P	0.6
2	☐	1.000					
3	☐	1.000		1166171.61		P	0.8
4	☐	1.000		1172559.24		P	0.2
5	☐	1.000		1168596.78		P	0.2
6	☐	1.000		1180793.82		P	0.4
7	☐	1.000		1169437.80		P	0.6
8	☐	1.000		1185735.97		P	0.4
9	☐	1.000		1168352.11		P	0.7

103 Rh(ISTD) [No Gas]

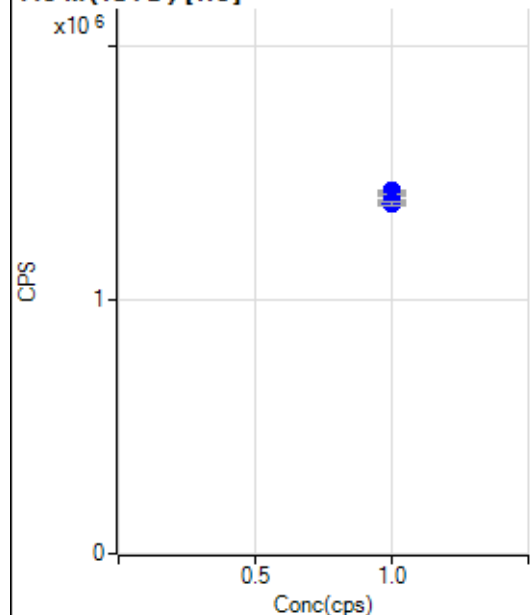
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6533635.26		A	0.3
2	☐	1.000					
3	☐	1.000		6493722.50		A	0.5
4	☐	1.000		6423422.76		A	0.1
5	☐	1.000		6404114.68		A	1.1
6	☐	1.000		6357435.99		A	1.2
7	☐	1.000		6265437.73		A	0.3
8	☐	1.000		6147243.67		A	0.7
9	☐	1.000		5710987.97		P	0.3

103 Rh (ISTD) [He]

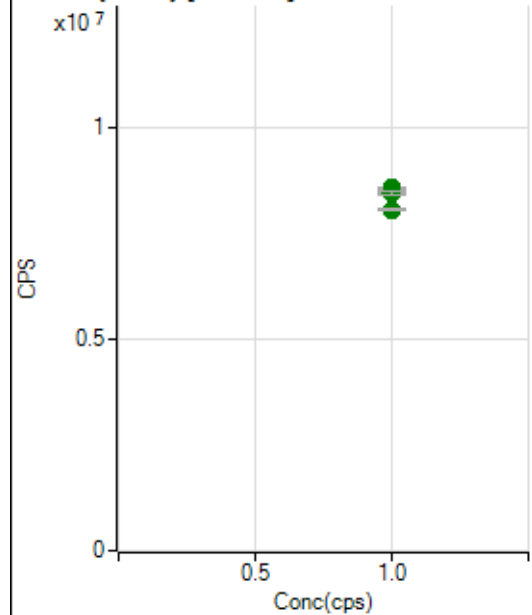
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3498796.51		P	1.0
2	☐	1.000					
3	☐	1.000		3489859.01		P	0.5
4	☐	1.000		3502084.15		P	0.6
5	☐	1.000		3437229.22		P	0.1
6	☐	1.000		3438205.05		P	0.5
7	☐	1.000		3365167.73		P	0.5
8	☐	1.000		3332348.98		P	0.3
9	☐	1.000		3089662.18		P	0.4

115 In (ISTD) [No Gas]

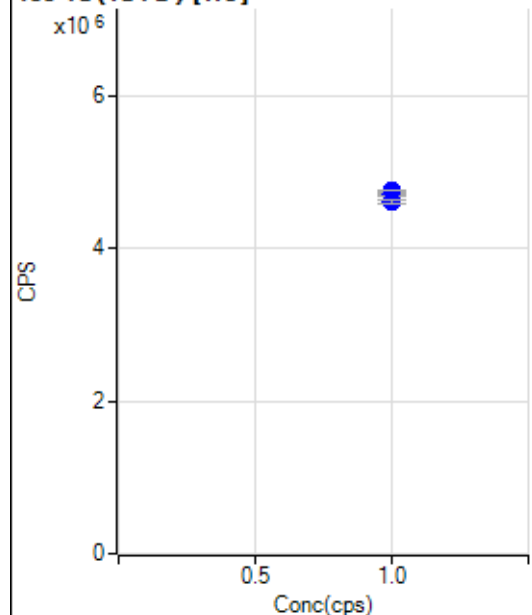
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6891578.13		A	1.8
2	☐	1.000					
3	☐	1.000		6825404.53		A	0.2
4	☐	1.000		6815181.42		A	0.9
5	☐	1.000		6729145.98		A	1.1
6	☐	1.000		6763069.54		A	0.6
7	☐	1.000		6649539.78		A	0.2
8	☐	1.000		6492661.36		A	0.6
9	☐	1.000		6322360.58		A	0.5

115 In (ISTD) [He]

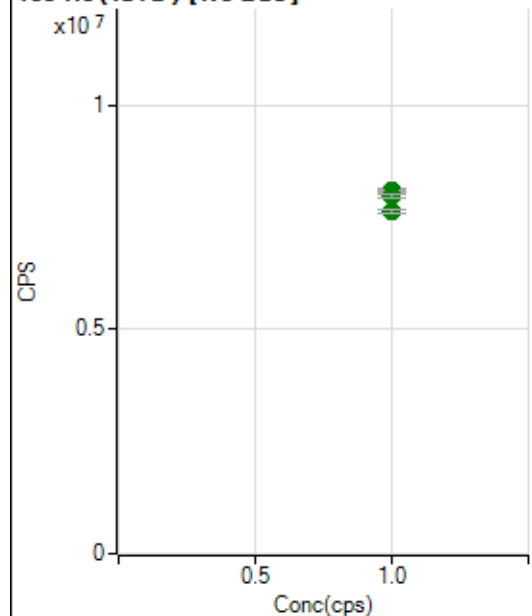
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1430688.31		P	0.7
2	☐	1.000					
3	☐	1.000		1419793.96		P	0.5
4	☐	1.000		1429734.59		P	0.5
5	☐	1.000		1411491.27		P	0.5
6	☐	1.000		1419111.16		P	0.2
7	☐	1.000		1391133.88		P	0.4
8	☐	1.000		1377158.02		P	0.1
9	☐	1.000		1379944.38		P	1.1

159 Tb (ISTD) [No Gas]

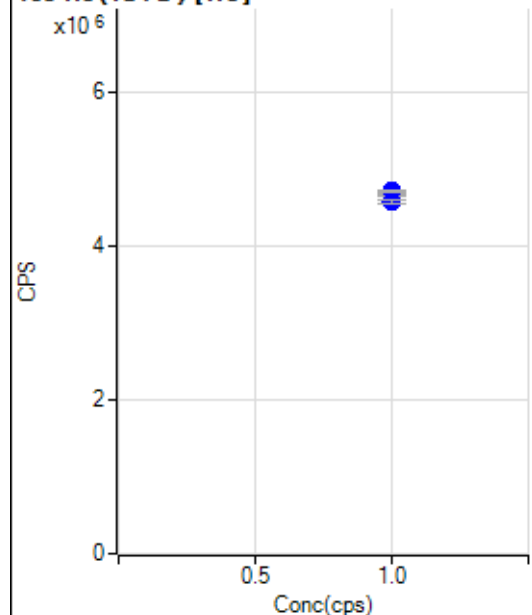
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8557697.93		A	0.8
2	☐	1.000					
3	☐	1.000		8525078.07		A	0.5
4	☐	1.000		8527965.50		A	0.3
5	☐	1.000		8545055.08		A	0.8
6	☐	1.000		8539384.87		A	1.0
7	☐	1.000		8476420.08		A	0.8
8	☐	1.000		8432911.75		A	0.7
9	☐	1.000		8040460.85		A	0.5

159 Tb (ISTD) [He]

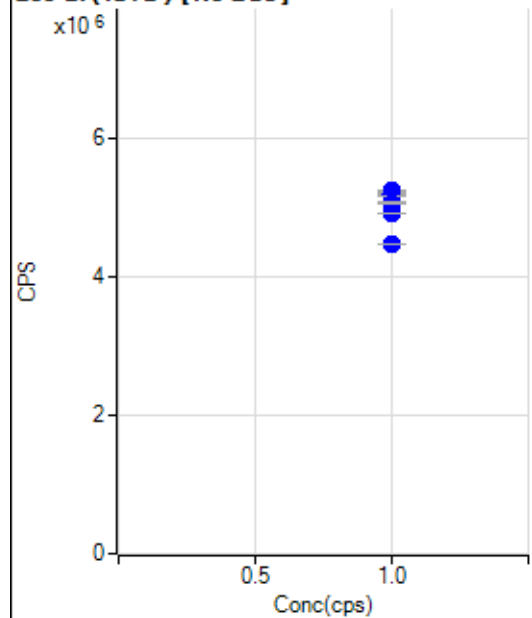
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4718626.42		P	0.5
2	☐	1.000					
3	☐	1.000		4691970.56		P	0.1
4	☐	1.000		4751011.01		P	0.5
5	☐	1.000		4712183.54		P	0.3
6	☐	1.000		4746344.72		P	0.5
7	☐	1.000		4715157.92		P	1.0
8	☐	1.000		4753384.69		P	0.1
9	☐	1.000		4611079.31		P	0.8

165 Ho (ISTD) [No Gas]

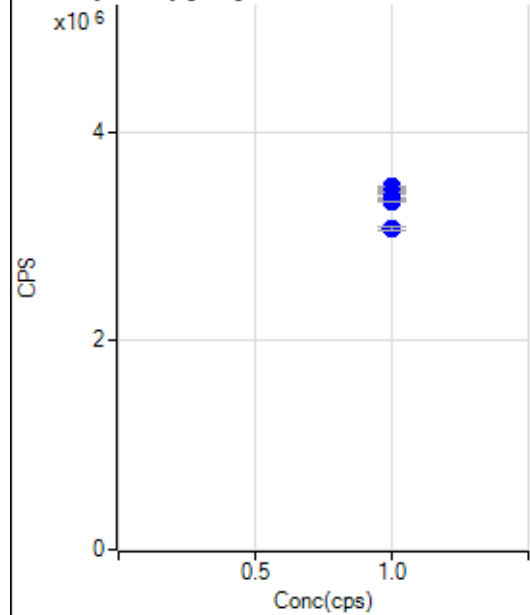
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8077806.95		A	0.6
2	☐	1.000					
3	☐	1.000		8056730.21		A	0.4
4	☐	1.000		8054690.80		A	0.6
5	☐	1.000		8081668.93		A	1.1
6	☐	1.000		8082327.18		A	1.1
7	☐	1.000		8074368.76		A	0.3
8	☐	1.000		7969352.95		A	0.6
9	☐	1.000		7620980.81		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4665293.30		P	0.6
2	☐	1.000					
3	☐	1.000		4654170.73		P	0.2
4	☐	1.000		4720143.30		P	0.1
5	☐	1.000		4685302.50		P	0.4
6	☐	1.000		4700191.49		P	0.4
7	☐	1.000		4677303.23		P	0.6
8	☐	1.000		4725394.06		P	0.4
9	☐	1.000		4578228.30		P	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5229034.12		P	0.8
2	☐	1.000					
3	☐	1.000		5191444.89		P	0.6
4	☐	1.000		5243859.44		P	0.3
5	☐	1.000		5198526.76		P	1.0
6	☐	1.000		5168453.95		P	0.4
7	☐	1.000		5072096.31		P	0.3
8	☐	1.000		4917346.35		P	0.4
9	☐	1.000		4467181.32		P	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3457467.03		P	0.3
2	☐	1.000					
3	☐	1.000		3445249.39		P	0.5
4	☐	1.000		3473622.41		P	0.3
5	☐	1.000		3426485.19		P	0.2
6	☐	1.000		3411401.96		P	0.6
7	☐	1.000		3361668.28		P	0.6
8	☐	1.000		3335672.24		P	0.3
9	☐	1.000		3073125.58		P	0.8