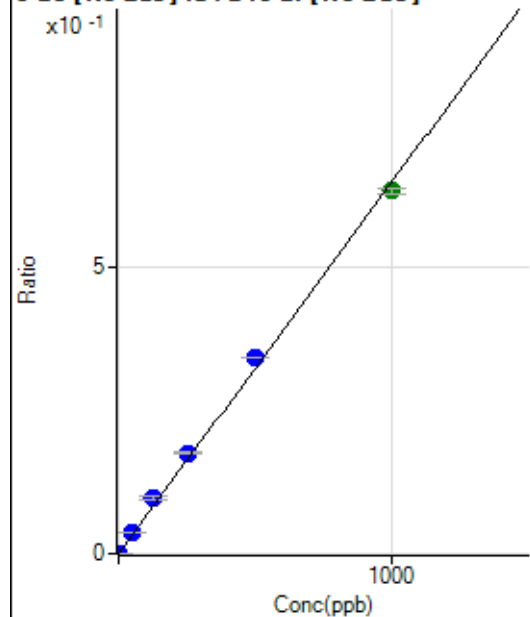


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092023-MS.b\
 Analysis File: P7092023-MS.batch.bin
 DA Date-Time: 2023-09-20 16:59:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-09-20 12:39:18
2	005CALS.d	S02	2023-09-20 12:42:34
3	006CALS.d	S03	2023-09-20 12:45:51
4	007CALS.d	S04	2023-09-20 12:48:52
5	008CALS.d	S05	2023-09-20 12:51:46
6	009CALS.d	S06	2023-09-20 12:54:34
7	010CALS.d	S07	2023-09-20 12:57:22
8	011CALS.d	S08	2023-09-20 13:00:08

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	60.1
2	☐	1.000	1.125	1752.34	0.0008	P	4.4
3	☐	50.000	55.578	85118.94	0.0361	P	1.3
4	☐	125.000	149.186	206752.42	0.0968	P	8.2
5	☐	250.000	269.853	401752.46	0.1751	P	1.7
6	☐	500.000	528.000	757640.64	0.3425	P	0.5
7	☐	1000.000	977.734	1386102.53	0.6343	A	1.7
8	☐			710.02	0.0003	P	20.5

$$y = 6.4869\text{E-}004 * x + 2.2504\text{E-}005$$

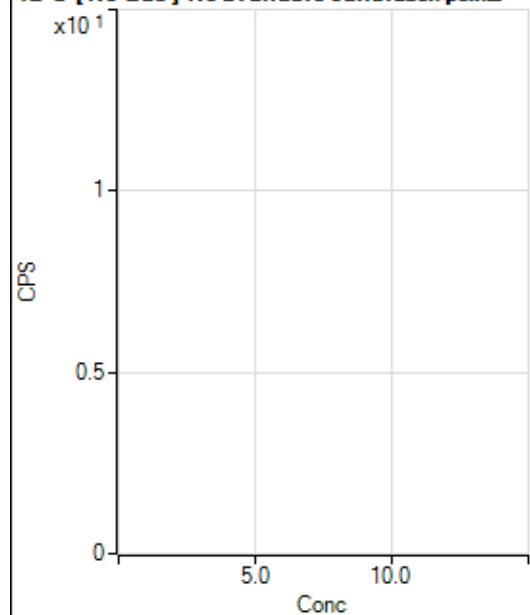
$$R = 0.9990$$

$$DL = 0.0625$$

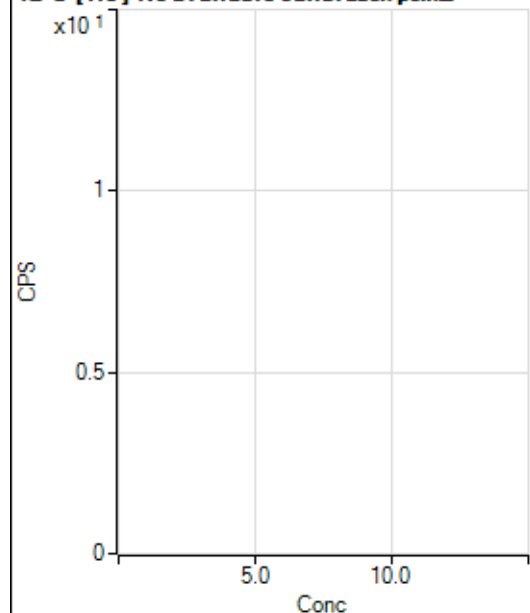
$$BEC = 0.03469$$

Weight: <None>

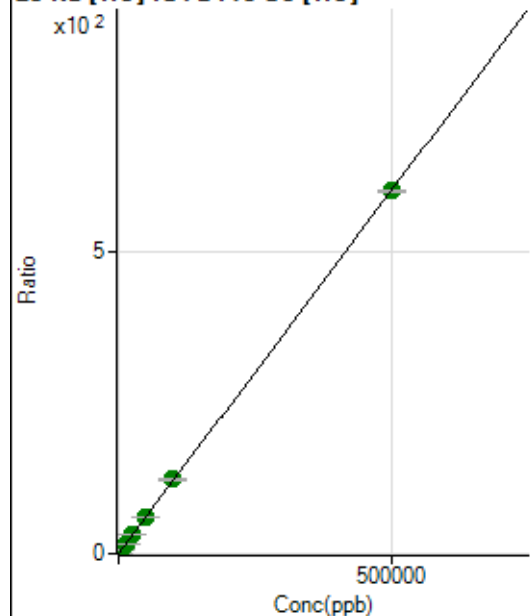
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12711.98	0.0272	P	3.8
2	☐	500.000	491.396	297946.13	0.6188	P	0.2
3	☐	5000.000	5382.579	2997998.60	6.5078	A	7.5
4	☐	12500.000	12873.818	7163252.81	15.5272	A	0.3
5	☐	25000.000	25675.448	13909302.01	30.9404	A	0.5
6	☐	50000.000	50965.732	27417655.42	61.3898	A	0.5
7	☐	100000.00	102380.44	54846023.63	123.2930	A	2.5
8	☐	500000.00	499380.40	257408753.9	601.2802	A	0.7

$$y = 0.0012 * x + 0.0272$$

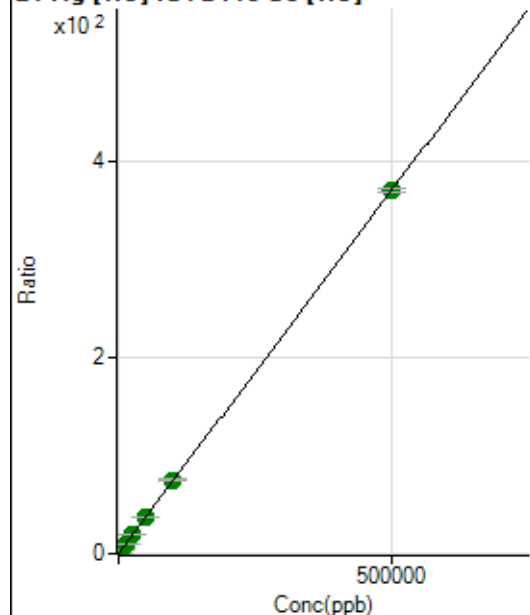
$$R = 1.0000$$

$$DL = 2.599$$

$$BEC = 22.57$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	852.26	0.0018	P	2.6
2	☐	500.000	492.760	176418.13	0.3664	P	0.7
3	☐	5000.000	5474.531	1864984.10	4.0524	A	9.5
4	☐	12500.000	12984.229	4432817.64	9.6087	A	0.3
5	☐	25000.000	25701.981	8549792.44	19.0184	A	0.3
6	☐	50000.000	50707.058	16756249.75	37.5193	A	0.9
7	☐	100000.00	101088.53	33273575.34	74.7959	A	2.3
8	☐	500000.00	499659.64	158265943.2	369.6935	A	1.0

$$y = 7.3989\text{E-}004 * x + 0.0018$$

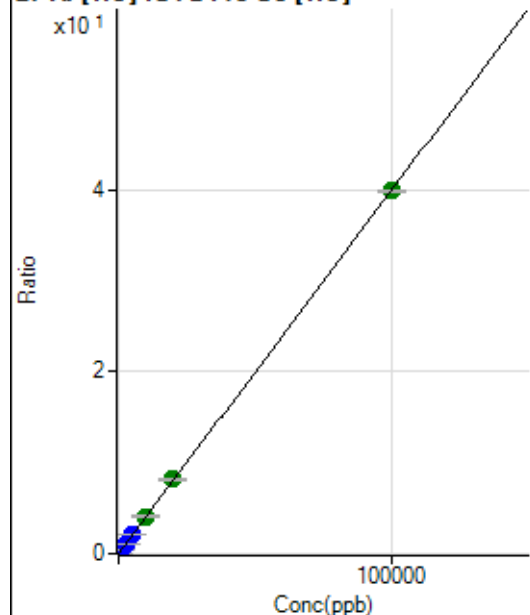
$$R = 1.0000$$

$$DL = 0.1932$$

$$BEC = 2.46$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	346.68	0.0007	P	9.8
2	☐	20.000	21.995	4587.39	0.0095	P	2.5
3	☐	1000.000	1143.167	210625.58	0.4574	P	8.3
4	☐	2500.000	2717.139	501040.11	1.0861	P	0.4
5	☐	5000.000	5377.515	965961.23	2.1487	P	0.5
6	☐	10000.000	10260.300	1830558.76	4.0991	A	2.7
7	☐	20000.000	20459.744	3635651.82	8.1731	A	2.8
8	☐	100000.00	99856.285	17075741.41	39.8870	A	0.5

$$y = 3.9944\text{E-}004 * x + 7.4203\text{E-}004$$

$$R = 1.0000$$

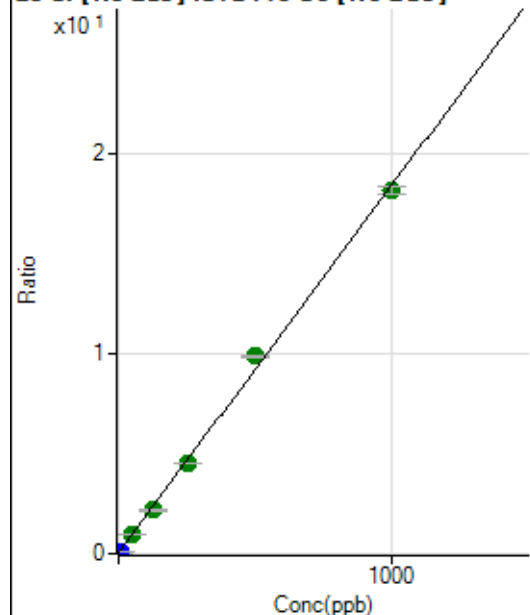
$$DL = 0.5476$$

$$BEC = 1.858$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262658.76	0.0455	P	6.0
2	☐	10.000	0.534	330174.37	0.0553	P	1.0
3	☐	50.000	50.197	5690564.22	0.9682	A	1.5
4	☐	125.000	115.878	11680640.52	2.1757	A	7.2
5	☐	250.000	243.833	25459276.01	4.5279	A	0.5
6	☐	500.000	534.801	54904856.40	9.8767	A	0.8
7	☐	1000.000	985.366	102731707.3	18.1595	A	2.0
8	☐			418849.14	0.0781	P	2.2

$$y = 0.0184 * x + 0.0455$$

$$R = 0.9990$$

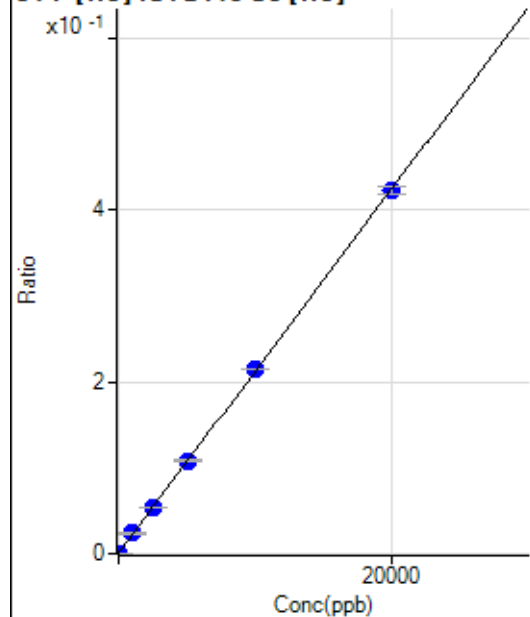
$$DL = 0.4441$$

$$BEC = 2.473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.697	235.56	0.0005	P	8.9
2	☐	0.000	8.697	420.01	0.0009	P	7.7
3	☐	1000.000	1092.370	10957.34	0.0238	P	9.9
4	☐	2500.000	2548.898	25211.95	0.0546	P	0.1
5	☐	5000.000	5072.986	48591.24	0.1081	P	1.2
6	☐	10000.000	10124.088	96032.06	0.2150	P	0.8
7	☐	20000.000	19908.979	187809.52	0.4222	P	2.0
8	☐			291.12	0.0007	P	3.3

$$y = 2.1171E-005 * x + 6.8823E-004$$

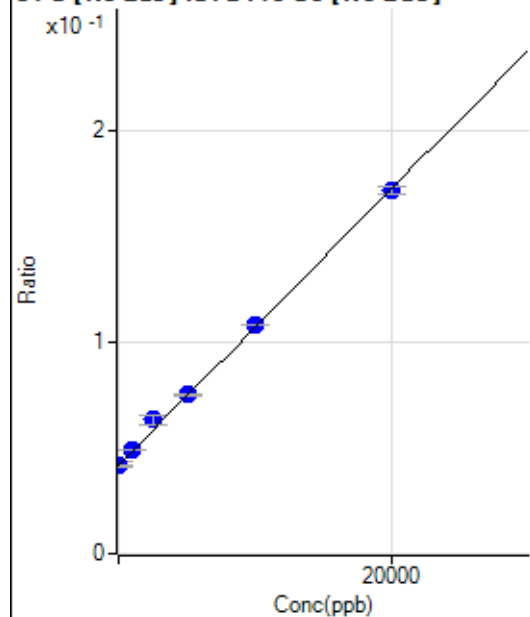
$$R = 1.0000$$

$$DL = 7.973$$

$$BEC = 32.51$$

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	62.701	244467.04	0.0423	P	5.8
2	☐	0.000	-62.701	247795.06	0.0415	P	0.5
3	☐	1000.000	1111.409	289033.98	0.0492	P	0.9
4	☐	2500.000	3273.008	339985.85	0.0633	P	7.3
5	☐	5000.000	5074.738	422394.67	0.0751	P	0.6
6	☐	10000.000	10110.457	600861.45	0.1081	P	0.2
7	☐	20000.000	19823.891	971157.78	0.1717	P	2.3
8	☐			217953.03	0.0406	P	0.9

$$y = 6.5469\text{E-}006 * x + 0.0419$$

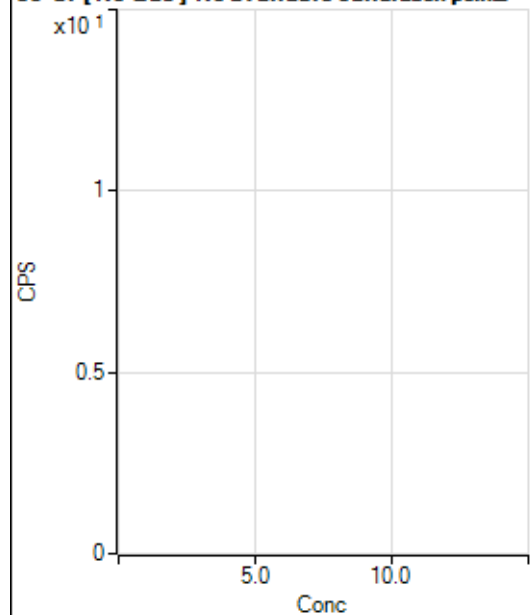
$$R = 0.9992$$

$$DL = 609.9$$

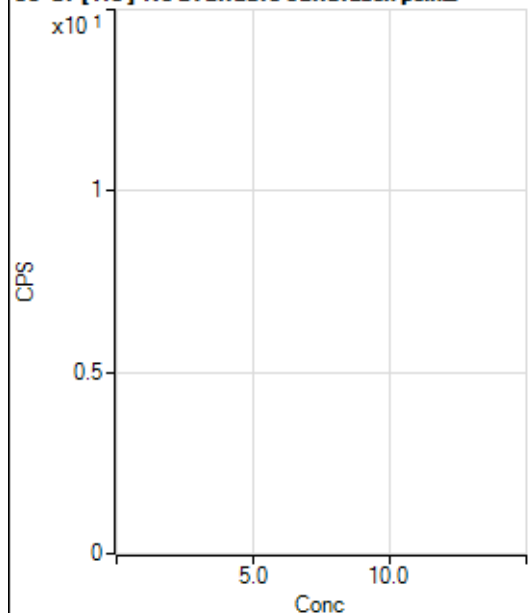
$$BEC = 6400$$

Weight: <None>

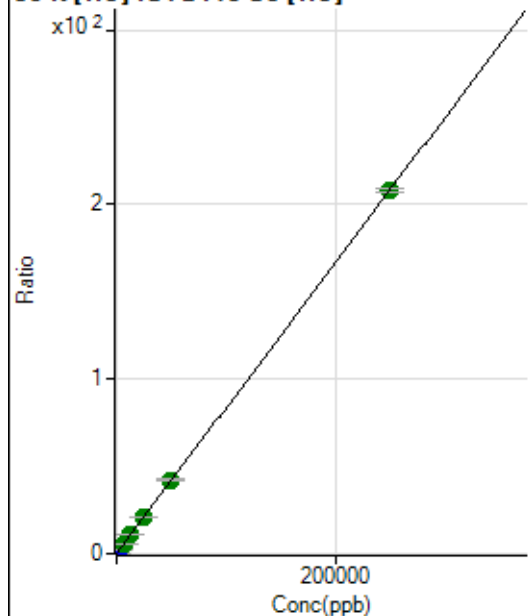
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61978.84	0.1325	P	4.8
2	☐	500.000	499.632	263730.60	0.5478	P	0.5
3	☐	2500.000	2873.005	1160815.95	2.5202	P	7.8
4	☐	6250.000	6459.936	2537890.40	5.5012	A	0.5
5	☐	12500.000	12648.583	4785280.24	10.6444	A	0.5
6	☐	25000.000	25272.488	9439504.65	21.1358	A	0.5
7	☐	50000.000	50501.646	18729300.97	42.1030	A	2.5
8	☐	250000.00	249856.01	88950044.23	207.7807	A	1.2

$$y = 8.3107\text{E-}004 * x + 0.1325$$

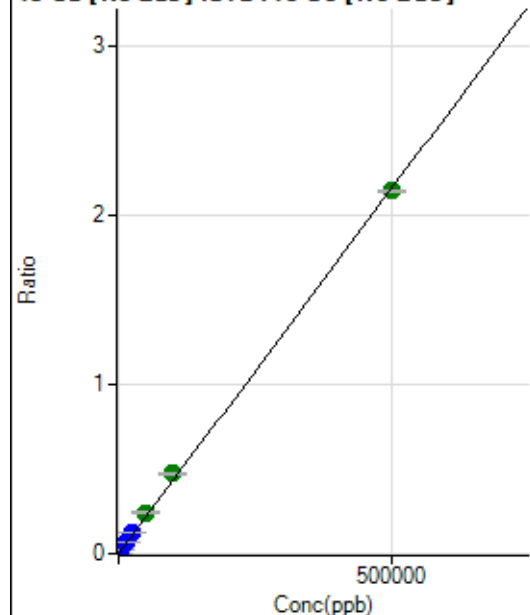
$$R = 1.0000$$

$$DL = 22.95$$

$$BEC = 159.5$$

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	828.92	0.0001	P	5.1
2	☐	500.000	494.163	13580.60	0.0023	P	0.7
3	☐	5000.000	6090.338	155142.48	0.0264	P	2.4
4	☐	12500.000	16328.730	378608.07	0.0705	P	7.8
5	☐	25000.000	29881.235	725110.33	0.1290	P	1.0
6	☐	50000.000	56276.568	1349388.48	0.2428	A	2.1
7	☐	100000.00	110116.29	2686187.32	0.4749	A	2.2
8	☐	500000.00	496998.40	11497153.86	2.1427	A	0.3

$$y = 4.3111\text{E-}006 * x + 1.4342\text{E-}004$$

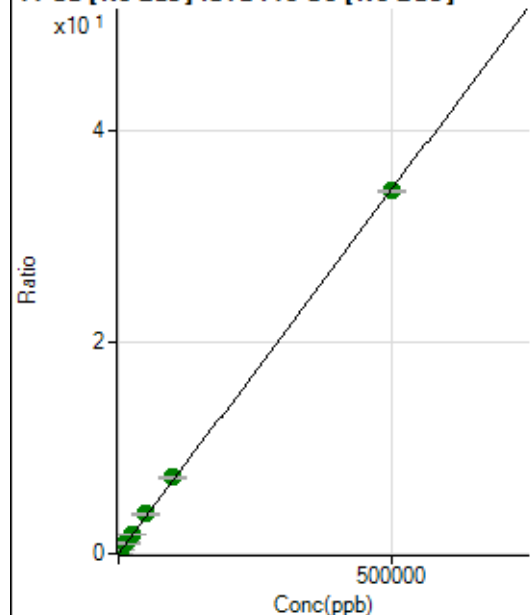
$$R = 0.9997$$

$$DL = 5.106$$

$$BEC = 33.27$$

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	22615.83	0.0039	P	5.3
2	☐	500.000	497.679	228193.58	0.0382	P	1.4
3	☐	5000.000	5611.295	2295716.08	0.3906	A	1.0
4	☐	12500.000	14961.108	5557186.72	1.0349	A	6.8
5	☐	25000.000	27507.853	10679825.40	1.8995	A	1.0
6	☐	50000.000	54173.413	20772133.99	3.7370	A	1.1
7	☐	100000.00	105500.42	41145093.00	7.2738	A	2.4
8	☐	500000.00	498289.54	184255019.4	34.3406	A	0.7

$$y = 6.8909\text{E-}005 * x + 0.0039$$

$$R = 0.9999$$

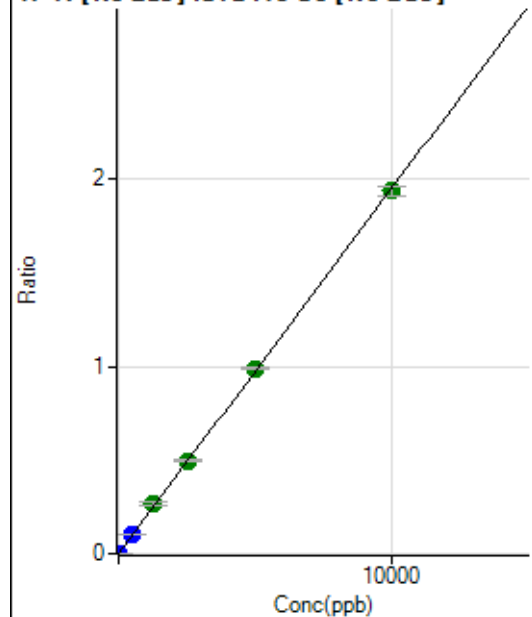
$$DL = 9.01$$

$$BEC = 56.79$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	173.33	0.0000	P	10.9
2	☐	5.000	4.978	5973.46	0.0010	P	3.0
3	☐	500.000	524.100	600515.14	0.1022	P	1.1
4	☐	1250.000	1384.919	1448401.19	0.2699	A	8.5
5	☐	2500.000	2551.451	2796149.13	0.4973	A	0.7
6	☐	5000.000	5059.965	5481835.26	0.9862	A	1.0
7	☐	10000.000	9939.085	10957464.98	1.9371	A	2.4
8	☐			2911.43	0.0005	P	27.3

$$y = 1.9489\text{E-}004 * x + 3.0040\text{E-}005$$

$$R = 0.9999$$

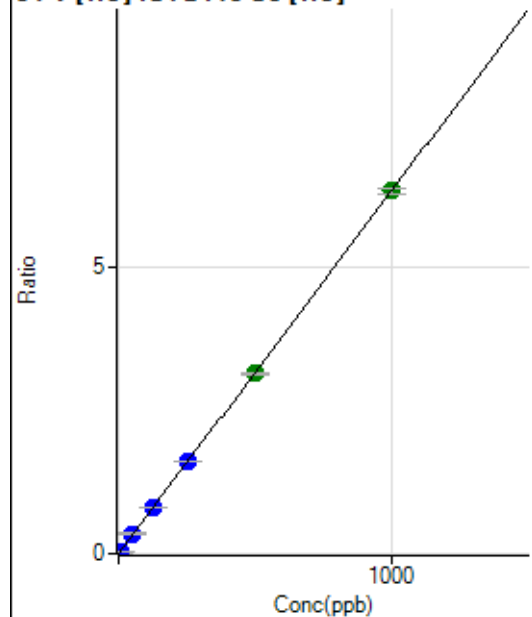
$$DL = 0.05043$$

$$BEC = 0.1541$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.4
2	☐	5.000	4.705	14356.90	0.0298	P	1.3
3	☐	50.000	53.565	156248.79	0.3392	P	7.9
4	☐	125.000	129.221	377539.02	0.8184	P	0.2
5	☐	250.000	253.126	720652.88	1.6030	P	0.1
6	☐	500.000	496.612	1404585.81	3.1450	A	0.8
7	☐	1000.000	1000.208	2817984.92	6.3342	A	1.6
8	☐			970.04	0.0023	P	7.7

$$y = 0.0063 * x + 2.3629\text{E-}005$$

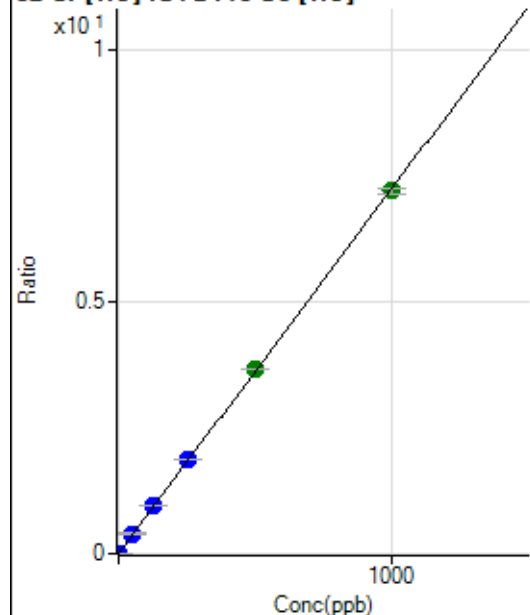
$$R = 1.0000$$

$$DL = 0.004855$$

$$BEC = 0.003731$$

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	1031.16	0.0022	P	5.5
2	☐	2.000	2.052	8197.84	0.0170	P	0.5
3	☐	50.000	54.752	183243.07	0.3977	P	7.1
4	☐	125.000	130.440	435674.73	0.9444	P	1.0
5	☐	250.000	257.115	835896.80	1.8594	P	0.2
6	☐	500.000	504.432	1628302.27	3.6458	A	0.3
7	☐	1000.000	995.087	3198705.96	7.1898	A	1.4
8	☐			11491.12	0.0268	P	1.4

$$y = 0.0072 * x + 0.0022$$

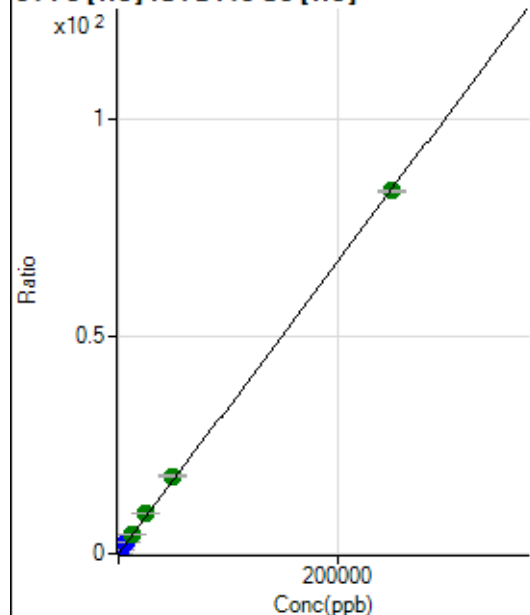
$$R = 1.0000$$

$$DL = 0.0508$$

$$BEC = 0.3053$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1906.81	0.0041	P	2.0
2	☐	50.000	55.744	10951.85	0.0227	P	1.8
3	☐	2500.000	3041.773	471065.78	1.0229	P	8.3
4	☐	6250.000	7309.529	1131410.49	2.4525	P	0.4
5	☐	12500.000	13700.001	2064799.62	4.5930	A	1.6
6	☐	25000.000	27299.771	4085877.02	9.1484	A	0.2
7	☐	50000.000	53167.723	7924705.16	17.8132	A	1.7
8	☐	250000.00	249044.57	35714546.42	83.4242	A	0.7

$$y = 3.3496E-004 * x + 0.0041$$

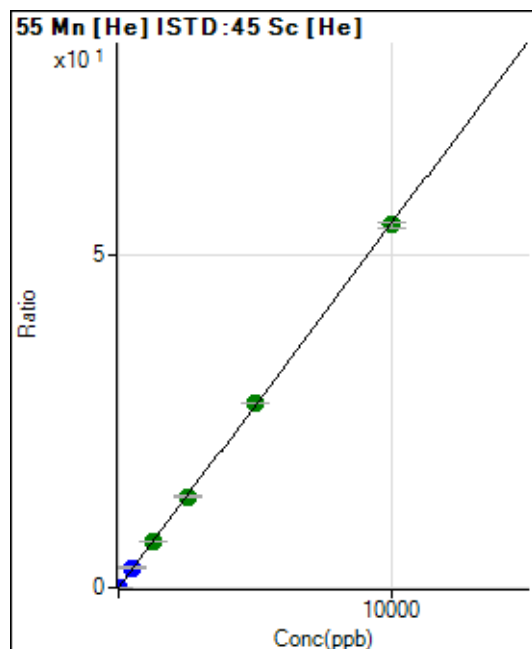
$$R = 0.9999$$

$$DL = 0.74$$

$$BEC = 12.16$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	688.91	0.0015	P	3.7
2	☐	1.000	0.974	3282.61	0.0068	P	1.0
3	☐	500.000	542.714	1372713.03	2.9807	P	8.1
4	☐	1250.000	1283.274	3250644.60	7.0461	A	1.0
5	☐	2500.000	2506.024	6185057.96	13.7584	A	0.9
6	☐	5000.000	5067.182	12424011.90	27.8180	A	0.6
7	☐	10000.000	9958.608	24320964.64	54.6698	A	1.9
8	☐			16853.97	0.0394	P	1.3

$$y = 0.0055 * x + 0.0015$$

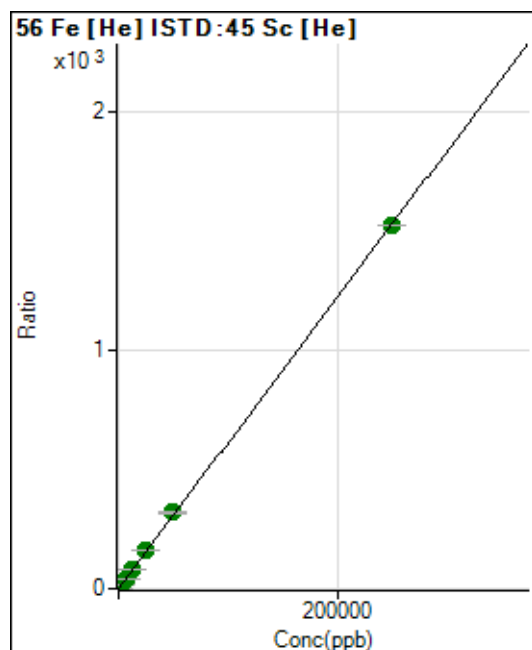
$$R = 1.0000$$

$$DL = 0.02955$$

$$BEC = 0.2682$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17762.80	0.0380	P	3.6
2	☐	50.000	54.198	177802.35	0.3693	P	0.9
3	☐	2500.000	2804.573	7910191.96	17.1826	A	8.8
4	☐	6250.000	6803.843	19205512.63	41.6304	A	0.4
5	☐	12500.000	13353.348	36714060.56	81.6681	A	0.4
6	☐	25000.000	26793.895	73167058.35	163.8314	A	1.1
7	☐	50000.000	52493.720	142773640.0	320.9366	A	2.1
8	☐	250000.00	249262.30	652348168.0	1,523.799	A	0.1

$$y = 0.0061 * x + 0.0380$$

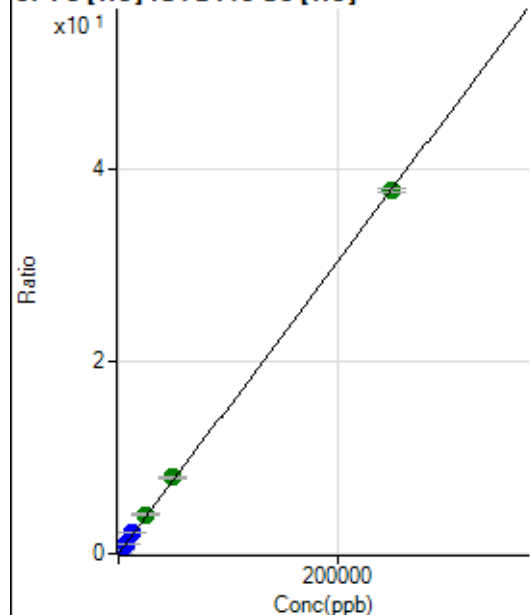
$$R = 0.9999$$

$$DL = 0.6722$$

$$BEC = 6.211$$

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	758.92	0.0016	P	12.1
2	☐	50.000	54.091	4733.01	0.0098	P	0.4
3	☐	2500.000	3016.105	211504.77	0.4592	P	7.9
4	☐	6250.000	7214.390	505691.64	1.0961	P	0.7
5	☐	12500.000	14201.266	969302.34	2.1562	P	0.5
6	☐	25000.000	26951.410	1826842.26	4.0905	A	1.1
7	☐	50000.000	52207.899	3524228.52	7.9223	A	2.4
8	☐	250000.00	249248.94	16189043.93	37.8161	A	1.0

$$y = 1.5171E-004 * x + 0.0016$$

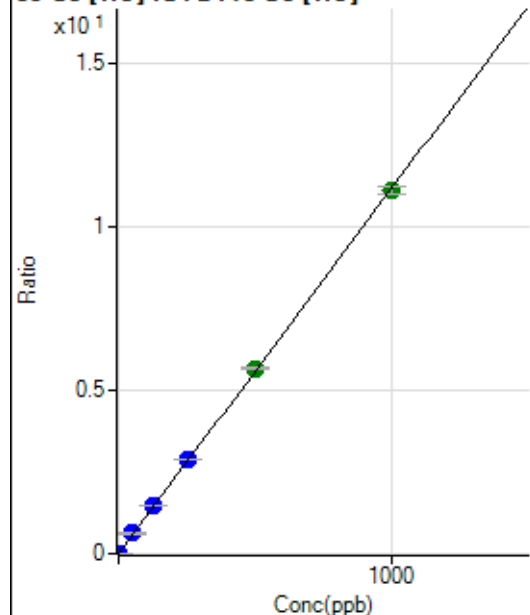
R = 0.9999

DL = 3.899

BEC = 10.7

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	36.67	0.0001	P	24.4
2	☐	1.000	0.968	5247.63	0.0109	P	3.4
3	☐	50.000	55.288	284627.51	0.6180	P	8.1
4	☐	125.000	132.076	681035.22	1.4762	P	0.1
5	☐	250.000	258.715	1299915.32	2.8916	P	0.5
6	☐	500.000	506.283	2527087.53	5.6585	A	1.2
7	☐	1000.000	993.531	4939789.48	11.1042	A	2.2
8	☐			13672.98	0.0319	P	1.8

$$y = 0.0112 * x + 7.8416E-005$$

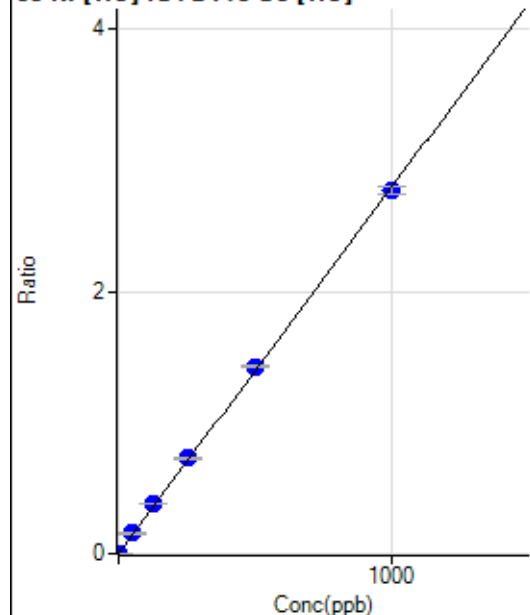
R = 0.9999

DL = 0.00513

BEC = 0.007016

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	305.56	0.0007	P	11.7
2	☐	1.000	1.073	1756.79	0.0036	P	2.1
3	☐	50.000	55.927	72278.43	0.1569	P	7.3
4	☐	125.000	134.179	173215.19	0.3755	P	0.5
5	☐	250.000	260.202	327048.13	0.7275	P	0.6
6	☐	500.000	510.888	637615.90	1.4278	P	1.5
7	☐	1000.000	990.562	1231228.46	2.7677	P	2.1
8	☐			5319.89	0.0124	P	1.2

$$y = 0.0028 * x + 6.5131E-004$$

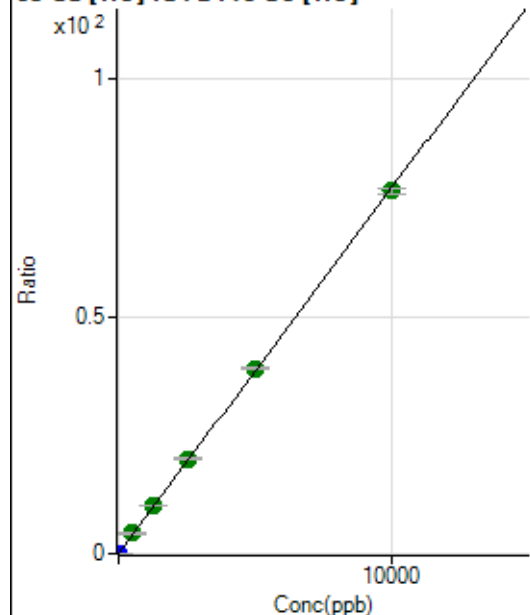
$$R = 0.9998$$

$$DL = 0.08214$$

$$BEC = 0.2332$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1370.07	0.0029	P	2.6
2	☐	2.000	2.030	8932.72	0.0186	P	1.6
3	☐	500.000	565.538	2007184.55	4.3571	A	7.6
4	☐	1250.000	1334.788	4742365.49	10.2797	A	0.7
5	☐	2500.000	2598.720	8995953.06	20.0110	A	0.7
6	☐	5000.000	5075.061	17451628.49	39.0769	A	1.1
7	☐	10000.000	9923.914	33994218.10	76.4092	A	1.4
8	☐			12223.97	0.0286	P	3.1

$$y = 0.0077 * x + 0.0029$$

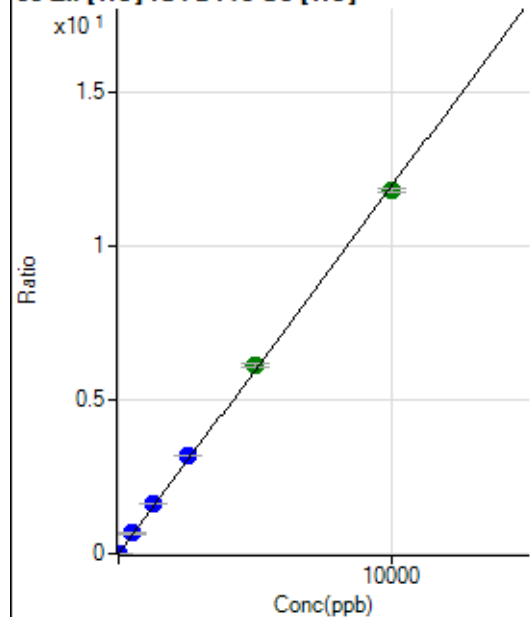
$$R = 0.9999$$

$$DL = 0.02963$$

$$BEC = 0.3798$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	681.13	0.0015	P	10.4
2	☐	2.000	1.925	1810.13	0.0038	P	5.2
3	☐	500.000	567.116	312860.19	0.6794	P	8.4
4	☐	1250.000	1357.757	749462.06	1.6246	P	1.1
5	☐	2500.000	2662.064	1431272.44	3.1838	P	0.6
6	☐	5000.000	5127.740	2738223.02	6.1313	A	1.3
7	☐	10000.000	9878.788	5254841.21	11.8109	A	1.0
8	☐			7322.97	0.0171	P	0.8

$$y = 0.0012 * x + 0.0015$$

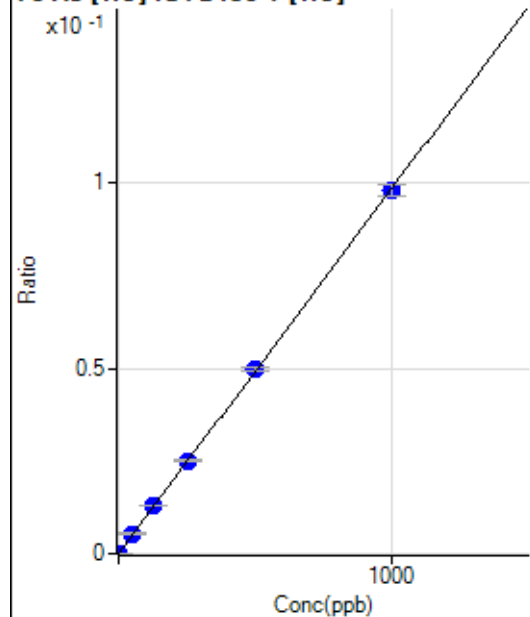
$$R = 0.9997$$

$$DL = 0.3808$$

$$BEC = 1.22$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	111.
2	☐	1.000	0.955	378.90	0.0001	P	15.8
3	☐	50.000	54.492	20399.69	0.0054	P	9.1
4	☐	125.000	131.080	49732.95	0.0129	P	1.1
5	☐	250.000	255.326	95591.74	0.0251	P	1.5
6	☐	500.000	506.094	189096.62	0.0498	P	1.1
7	☐	1000.000	994.637	369596.75	0.0979	P	3.0
8	☐			160.00	0.0000	P	17.6

$$y = 9.8423E-005 * x + 1.1597E-006$$

$$R = 0.9999$$

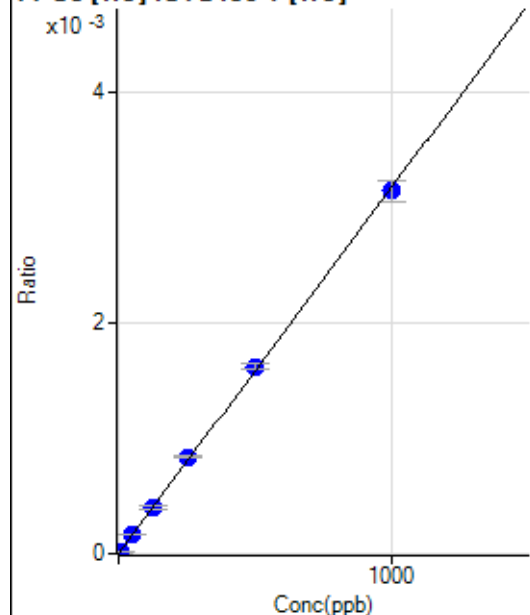
$$DL = 0.03942$$

$$BEC = 0.01178$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.361	70.00	0.0000	P	36.2
3	☐	50.000	52.213	634.46	0.0002	P	8.8
4	☐	125.000	127.765	1567.87	0.0004	P	7.8
5	☐	250.000	264.129	3195.93	0.0008	P	2.4
6	☐	500.000	510.068	6156.90	0.0016	P	3.1
7	☐	1000.000	990.976	11889.30	0.0032	P	5.7
8	☐			56.67	0.0000	P	52.1

$$y = 3.1790\text{E-}006 * x + 5.6396\text{E-}007$$

$$R = 0.9998$$

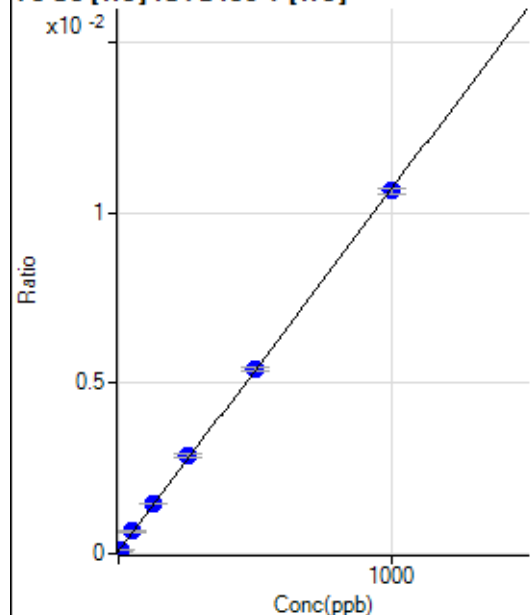
$$DL = 0.4609$$

$$BEC = 0.1774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	260.01	0.0001	P	15.5
2	☐	5.000	2.972	397.79	0.0001	P	8.7
3	☐	50.000	55.785	2516.91	0.0007	P	8.3
4	☐	125.000	129.912	5588.88	0.0014	P	0.5
5	☐	250.000	263.578	10919.66	0.0029	P	4.9
6	☐	500.000	502.280	20536.55	0.0054	P	1.6
7	☐	1000.000	994.572	40200.00	0.0106	P	1.8
8	☐			388.90	0.0001	P	10.5

$$y = 1.0635\text{E-}005 * x + 6.8348\text{E-}005$$

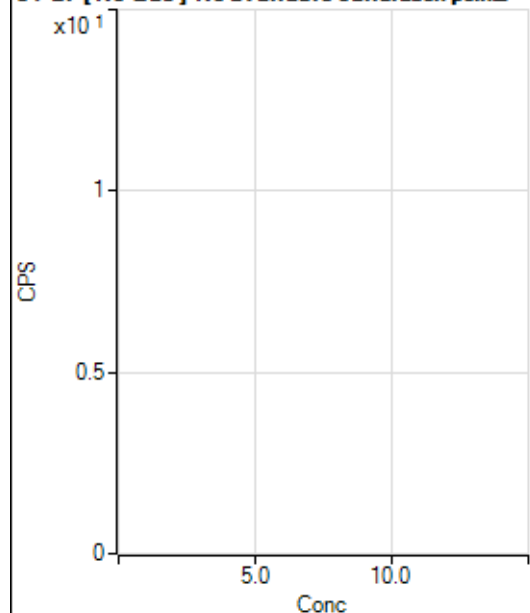
$$R = 0.9999$$

$$DL = 2.991$$

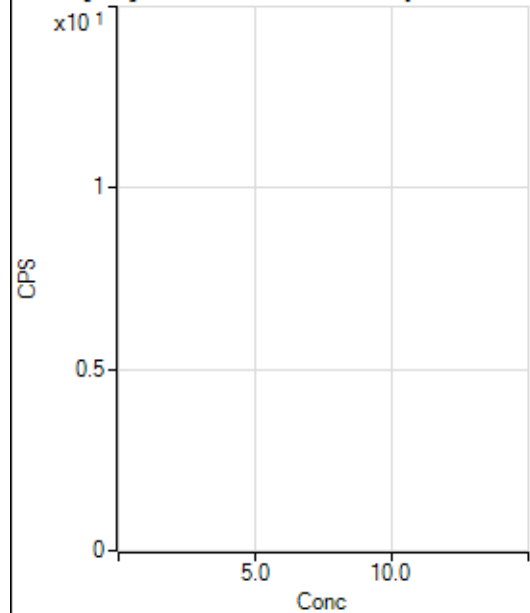
$$BEC = 6.427$$

Weight: <None>

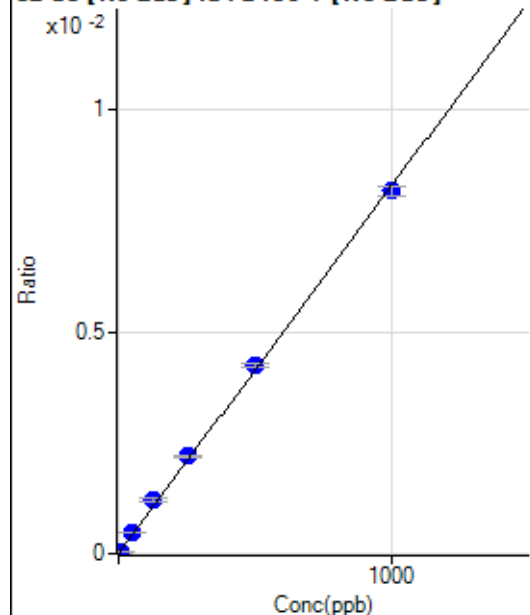
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28356.25		P	1.1
2	☐			28665.69		P	1.0
3	☐			28182.53		P	1.0
4	☐			27482.33		P	3.4
5	☐			27000.40		P	1.0
6	☐			26541.68		P	1.4
7	☐			26325.78		P	3.8
8	☐			29042.04		P	0.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.22		P	19.7
2	☐			92.22		P	17.1
3	☐			92.22		P	13.7
4	☐			75.56		P	18.4
5	☐			87.78		P	5.8
6	☐			94.45		P	11.3
7	☐			102.23		P	21.7
8	☐			641.13		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57.45	0.0000	P	11.7
2	☐	5.000	4.943	800.89	0.0000	P	4.8
3	☐	50.000	55.522	8323.33	0.0005	P	3.3
4	☐	125.000	145.338	19759.95	0.0012	P	8.2
5	☐	250.000	264.864	38566.98	0.0022	P	1.9
6	☐	500.000	513.652	75168.30	0.0043	P	1.6
7	☐	1000.000	986.640	145586.83	0.0082	P	2.8
8	☐			916.13	0.0001	P	6.2

$$y = 8.2847E-006 * x + 3.2509E-006$$

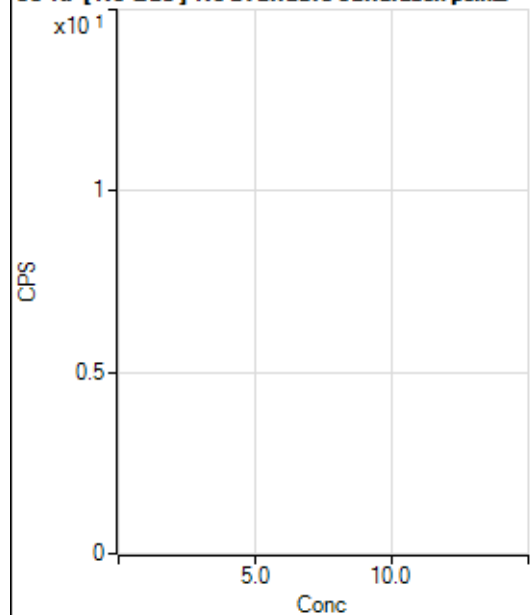
$$R = 0.9996$$

$$DL = 0.1374$$

$$BEC = 0.3924$$

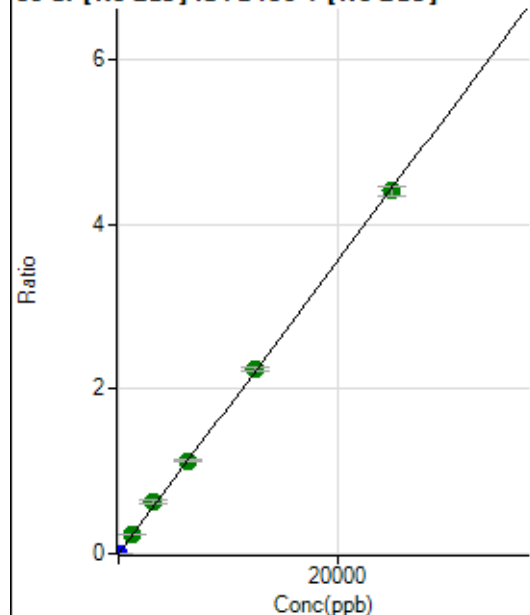
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			157.78		P	12.4
2	☐			163.34		P	7.4
3	☐			140.01		P	18.0
4	☐			134.45		P	10.0
5	☐			138.89		P	23.3
6	☐			132.23		P	8.9
7	☐			164.45		P	31.4
8	☐			196.67		P	2.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0000	P	4.0
2	☐	1.000	0.924	3282.62	0.0002	P	3.3
3	☐	1250.000	1295.264	4128405.77	0.2298	A	1.8
4	☐	3125.000	3494.933	10150121.79	0.6199	A	7.3
5	☐	6250.000	6382.402	19868662.07	1.1321	A	1.1
6	☐	12500.000	12629.980	39541541.36	2.2402	A	1.4
7	☐	25000.000	24853.404	78485527.72	4.4082	A	2.7
8	☐			18434.63	0.0011	P	28.4

$$y = 1.7737E-004 * x + 1.7291E-005$$

R = 0.9999

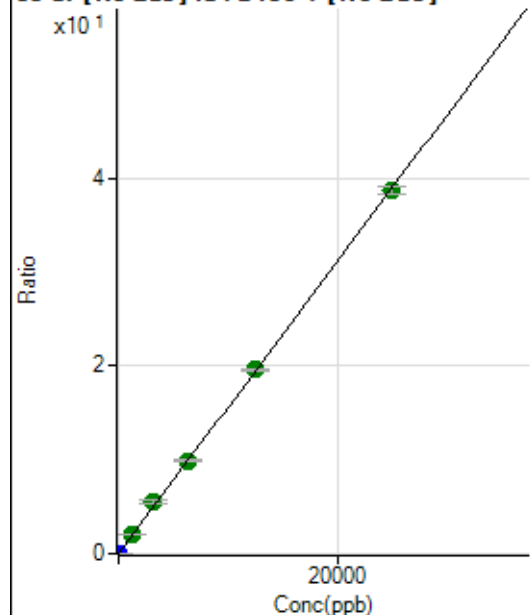
DL = 0.0116

BEC = 0.09749

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.01	0.0000	P	8.7
2	☐	1.000	0.958	27327.68	0.0015	P	3.2
3	☐	1250.000	1300.978	36352738.63	2.0231	A	0.7
4	☐	3125.000	3508.364	89309400.89	5.4556	A	7.8
5	☐	6250.000	6385.095	174263595.1	9.9291	A	1.3
6	☐	12500.000	12621.896	346459910.3	19.6275	A	0.7
7	☐	25000.000	24854.809	688207011.9	38.6501	A	2.1
8	☐			159185.57	0.0097	P	28.2

$$y = 0.0016 * x + 1.9765E-005$$

R = 0.9999

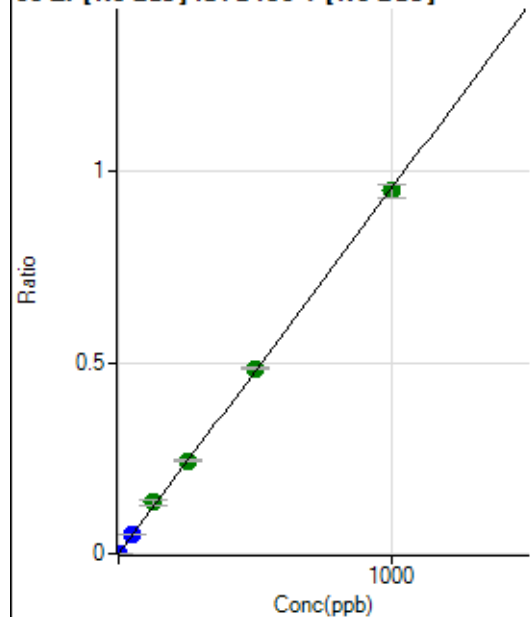
DL = 0.003334

BEC = 0.01271

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	646.69	0.0000	P	14.8
2	☐	1.000	0.875	15826.43	0.0009	P	0.9
3	☐	50.000	51.957	893506.13	0.0497	P	0.8
4	☐	125.000	139.795	2188414.83	0.1337	A	8.4
5	☐	250.000	254.489	4272014.62	0.2434	A	1.5
6	☐	500.000	507.151	8561525.08	0.4850	A	1.2
7	☐	1000.000	993.355	16911368.36	0.9500	A	3.7
8	☐			9269.70	0.0006	P	11.8

$$y = 9.5633\text{E-}004 * x + 3.6708\text{E-}005$$

$$R = 0.9999$$

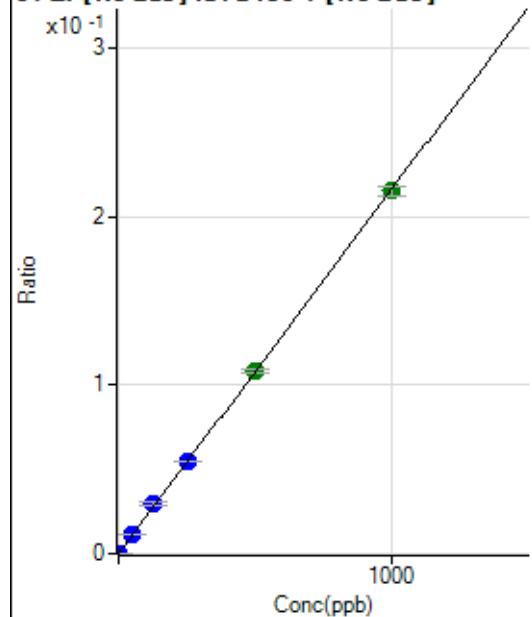
$$DL = 0.01709$$

$$BEC = 0.03838$$

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	127.78	0.0000	P	28.6
2	☐	1.000	0.902	3658.27	0.0002	P	2.1
3	☐	50.000	51.349	199414.91	0.0111	P	1.2
4	☐	125.000	139.380	492867.60	0.0301	P	8.0
5	☐	250.000	253.916	962615.79	0.0548	P	1.6
6	☐	500.000	501.982	1913790.82	0.1084	A	1.9
7	☐	1000.000	996.165	3830737.09	0.2152	A	2.8
8	☐			2059.06	0.0001	P	10.0

$$y = 2.1599\text{E-}004 * x + 7.2367\text{E-}006$$

$$R = 0.9999$$

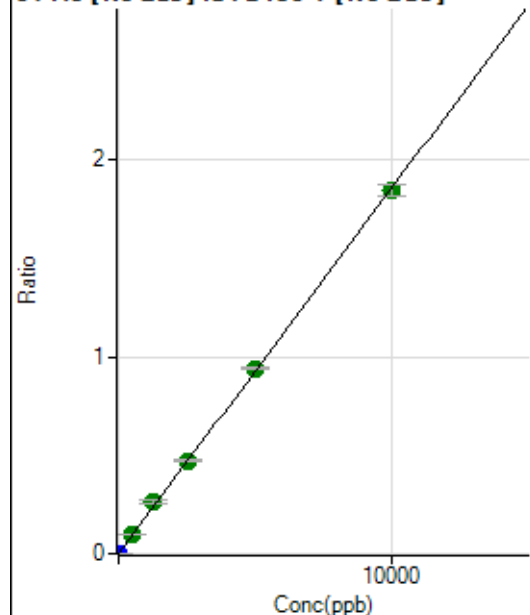
$$DL = 0.02875$$

$$BEC = 0.03351$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.78	0.0000	P	15.5
2	☐	5.000	5.703	19381.83	0.0011	P	2.1
3	☐	500.000	524.974	1751934.04	0.0975	A	1.2
4	☐	1250.000	1401.334	4261140.73	0.2602	A	7.3
5	☐	2500.000	2548.228	8305748.90	0.4732	A	1.1
6	☐	5000.000	5074.258	16632762.67	0.9423	A	1.1
7	☐	10000.000	9930.648	32831513.68	1.8441	A	3.1
8	☐			12148.58	0.0007	P	17.8

$$y = 1.8570E-004 * x + 1.1187E-005$$

$$R = 0.9999$$

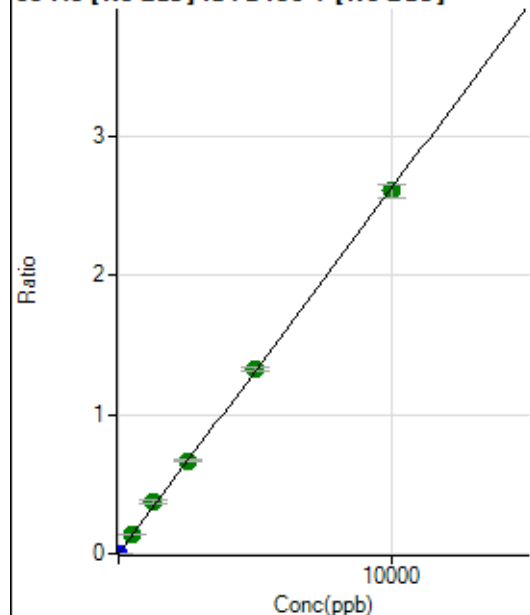
$$DL = 0.02792$$

$$BEC = 0.06024$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56.67	0.0000	P	52.0
2	☐	5.000	4.923	23477.78	0.0013	P	1.5
3	☐	500.000	522.308	2465192.55	0.1372	A	0.8
4	☐	1250.000	1411.649	6070620.95	0.3708	A	7.5
5	☐	2500.000	2551.583	11762561.77	0.6702	A	1.2
6	☐	5000.000	5066.677	23488142.43	1.3308	A	2.4
7	☐	10000.000	9932.444	46441732.08	2.6088	A	3.6
8	☐			13843.52	0.0008	P	21.7

$$y = 2.6266E-004 * x + 3.2544E-006$$

$$R = 0.9998$$

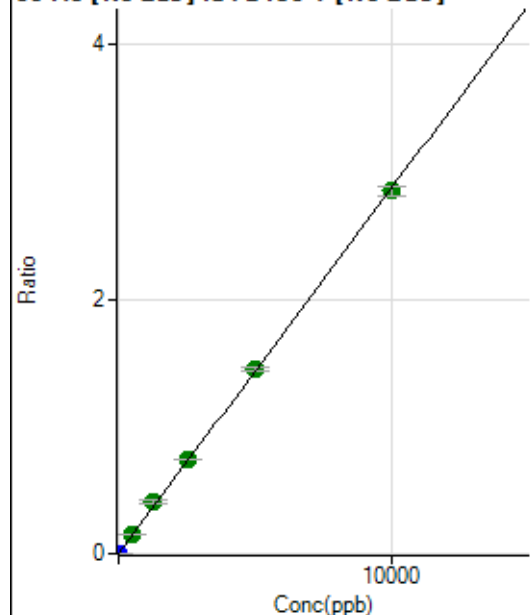
$$DL = 0.01933$$

$$BEC = 0.01239$$

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	116.67	0.0000	P	7.2
2	☐	5.000	5.008	26149.04	0.0014	P	2.3
3	☐	500.000	523.299	2698789.19	0.1502	A	0.5
4	☐	1250.000	1409.990	6623013.30	0.4047	A	8.2
5	☐	2500.000	2571.047	12950725.36	0.7379	A	1.4
6	☐	5000.000	5065.715	25659833.23	1.4538	A	2.2
7	☐	10000.000	9928.217	50730092.58	2.8493	A	2.7
8	☐			28387.97	0.0017	P	12.5

$$y = 2.8699\text{E-}004 * x + 6.6038\text{E-}006$$

$$R = 0.9998$$

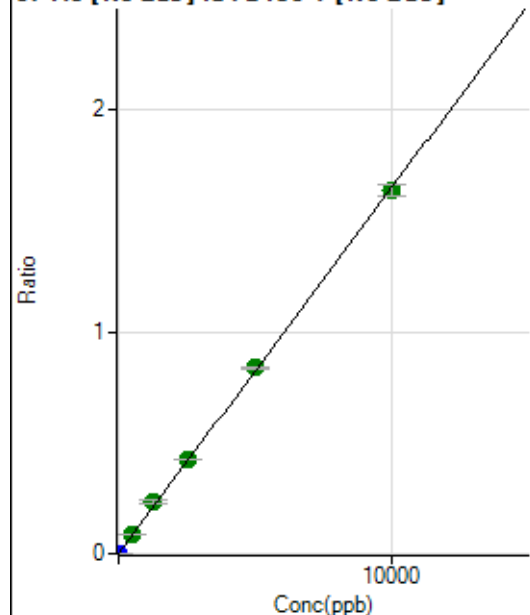
$$DL = 0.005005$$

$$BEC = 0.02301$$

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	23.33	0.0000	P	28.8
2	☐	5.000	4.947	14796.47	0.0008	P	2.3
3	☐	500.000	530.308	1571354.16	0.0874	A	0.5
4	☐	1250.000	1417.619	3826419.42	0.2338	A	7.9
5	☐	2500.000	2577.017	7458219.89	0.4249	A	1.0
6	☐	5000.000	5079.017	14783420.47	0.8375	A	0.9
7	☐	10000.000	9918.769	29117415.96	1.6356	A	3.3
8	☐			8986.27	0.0005	P	22.7

$$y = 1.6490\text{E-}004 * x + 1.3229\text{E-}006$$

$$R = 0.9998$$

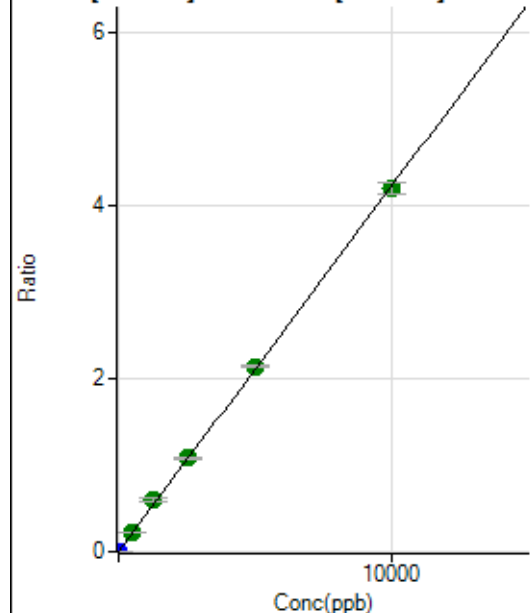
$$DL = 0.00694$$

$$BEC = 0.008022$$

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	74.45	0.0000	P	13.4
2	☐	5.000	4.900	37581.59	0.0021	P	1.2
3	☐	500.000	525.390	3989879.35	0.2220	A	0.6
4	☐	1250.000	1400.560	9688275.62	0.5919	A	8.0
5	☐	2500.000	2560.684	18993584.30	1.0822	A	0.8
6	☐	5000.000	5074.005	37849768.88	2.1443	A	1.2
7	☐	10000.000	9927.737	74691402.22	4.1955	A	3.2
8	☐			21805.96	0.0013	P	24.0

$$y = 4.2261\text{E-}004 * x + 4.2234\text{E-}006$$

$$R = 0.9998$$

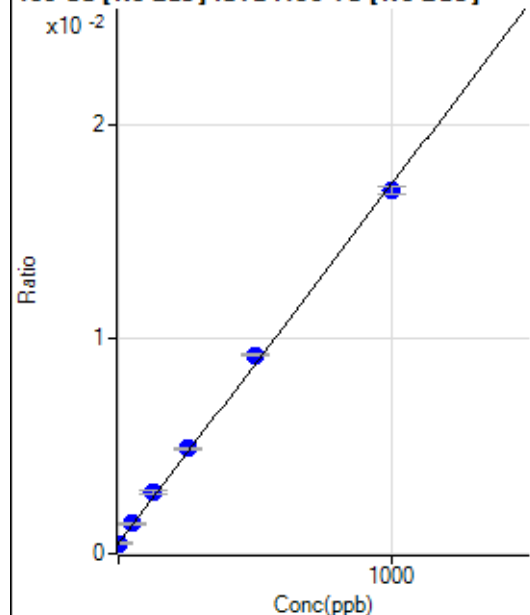
$$DL = 0.004011$$

$$BEC = 0.009994$$

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	7110.70	0.0005	P	0.2
2	☐	1.000	0.897	7440.85	0.0005	P	3.4
3	☐	50.000	54.741	21603.90	0.0014	P	1.6
4	☐	125.000	144.492	41679.68	0.0029	P	5.6
5	☐	250.000	265.043	74905.17	0.0049	P	1.1
6	☐	500.000	523.502	141692.92	0.0092	P	1.1
7	☐	1000.000	981.815	266161.47	0.0169	P	2.2
8	☐			6828.33	0.0005	P	1.1

$$y = 1.6737\text{E-}005 * x + 4.7364\text{E-}004$$

$$R = 0.9993$$

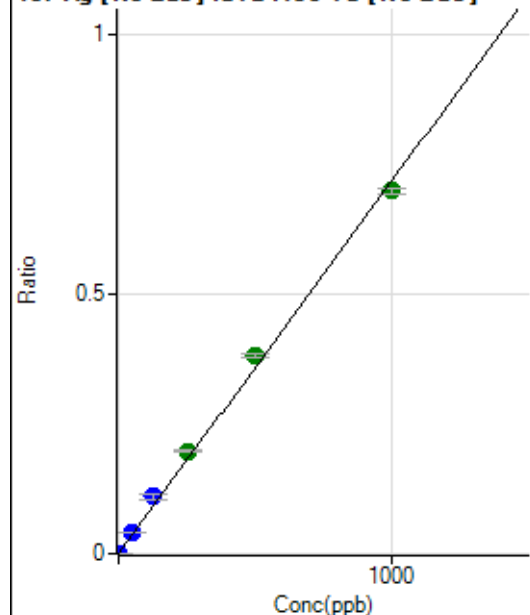
$$DL = 0.1795$$

$$BEC = 28.3$$

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	82.22	0.0000	P	25.8
2	☐	1.000	1.081	11874.93	0.0008	P	2.3
3	☐	50.000	57.686	642271.33	0.0413	P	1.8
4	☐	125.000	152.653	1574077.72	0.1093	P	7.7
5	☐	250.000	275.046	3005123.60	0.1970	A	1.9
6	☐	500.000	531.047	5834773.53	0.3803	A	2.1
7	☐	1000.000	974.374	10986366.64	0.6978	A	1.8
8	☐			3380.44	0.0002	P	21.6

$$y = 7.1617\text{E-}004 * x + 5.4512\text{E-}006$$

$$R = 0.9987$$

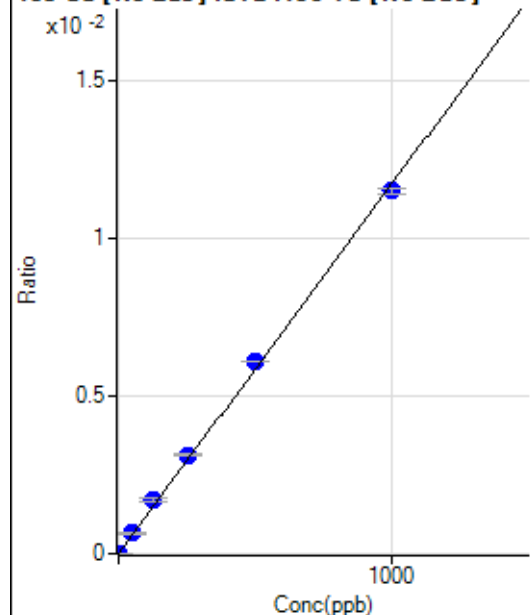
$$DL = 0.005896$$

$$BEC = 0.007612$$

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	13.33	0.0000	P	29.4
2	☐	1.000	1.101	210.00	0.0000	P	9.5
3	☐	50.000	54.948	10012.42	0.0006	P	2.5
4	☐	125.000	144.329	24338.30	0.0017	P	7.7
5	☐	250.000	266.690	47641.23	0.0031	P	1.4
6	☐	500.000	521.648	93701.24	0.0061	P	0.2
7	☐	1000.000	982.340	181061.07	0.0115	P	1.5
8	☐			147.78	0.0000	P	3.8

$$y = 1.1706\text{E-}005 * x + 8.9515\text{E-}007$$

$$R = 0.9994$$

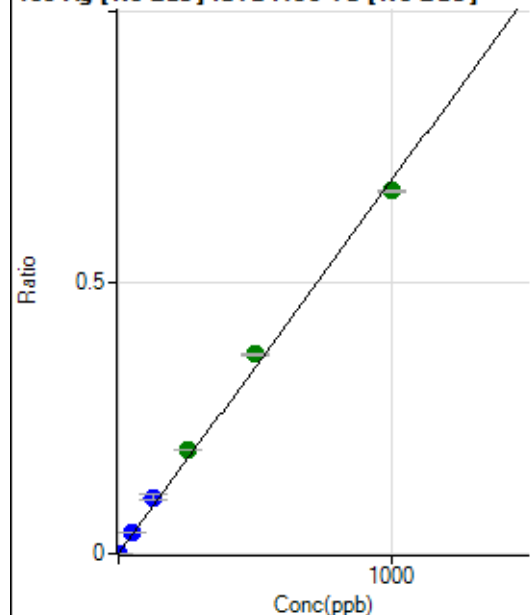
$$DL = 0.06736$$

$$BEC = 0.07647$$

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	26.67	0.0000	P	68.4
2	☐	1.000	1.051	11025.39	0.0007	P	4.2
3	☐	50.000	57.721	616977.41	0.0397	P	0.9
4	☐	125.000	151.926	1504254.56	0.1045	P	7.4
5	☐	250.000	277.789	2914148.19	0.1910	A	1.1
6	☐	500.000	533.893	5632229.64	0.3671	A	0.3
7	☐	1000.000	972.354	10526897.76	0.6686	A	0.7
8	☐			3177.06	0.0002	P	23.1

$$y = 6.8759\text{E-}004 * x + 1.7531\text{E-}006$$

$$R = 0.9985$$

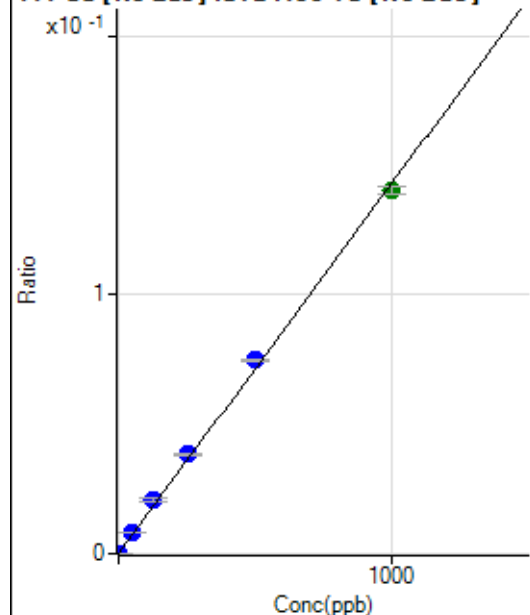
$$DL = 0.005228$$

$$BEC = 0.00255$$

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	706.18	0.0000	P	0.6
2	☐	1.000	1.110	3131.77	0.0002	P	4.4
3	☐	50.000	55.443	123879.78	0.0080	P	0.8
4	☐	125.000	146.954	302962.88	0.0210	P	7.9
5	☐	250.000	268.167	585304.83	0.0384	P	1.3
6	☐	500.000	523.345	1148006.41	0.0748	P	0.9
7	☐	1000.000	980.769	2207031.10	0.1402	A	2.0
8	☐			1889.46	0.0001	P	4.7

$$y = 1.4289\text{E-}004 * x + 4.7029\text{E-}005$$

$$R = 0.9992$$

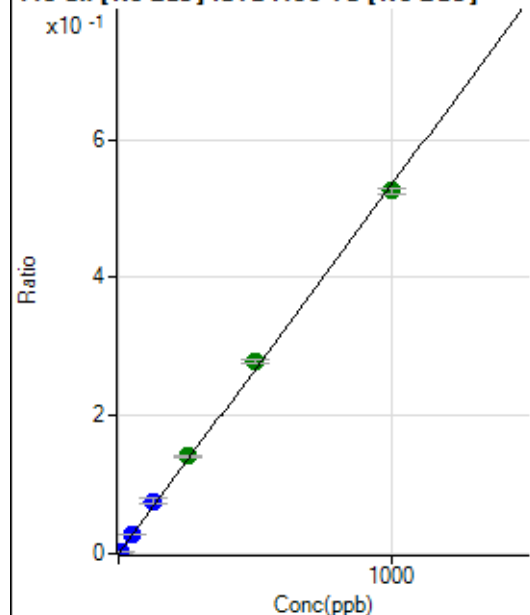
$$DL = 0.005846$$

$$BEC = 0.3291$$

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	1488.99	0.0001	P	5.7
2	☐	5.000	4.878	41189.89	0.0027	P	2.4
3	☐	50.000	53.311	444278.64	0.0286	P	1.0
4	☐	125.000	142.936	1100756.31	0.0765	P	7.9
5	☐	250.000	263.236	2147006.72	0.1407	A	1.8
6	☐	500.000	520.726	4269595.74	0.2783	A	1.5
7	☐	1000.000	983.921	8277641.27	0.5258	A	1.5
8	☐			19244.12	0.0014	P	2.2

$$y = 5.3425\text{E-}004 * x + 9.9316\text{E-}005$$

$$R = 0.9995$$

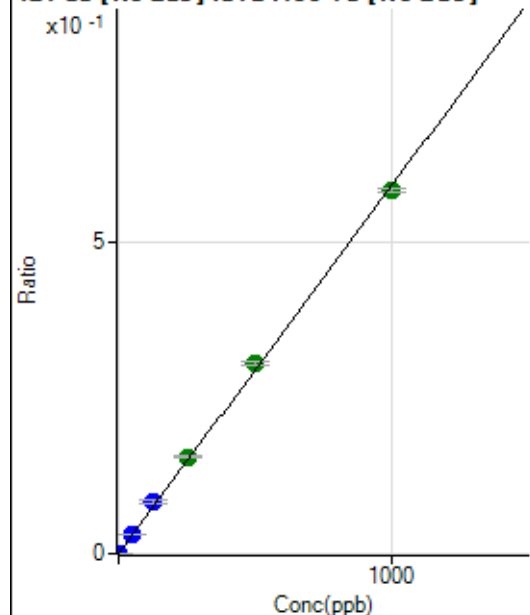
$$DL = 0.03201$$

$$BEC = 0.1859$$

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	45.56	0.0000	P	44.8
2	☐	2.000	1.941	17505.19	0.0011	P	2.5
3	☐	50.000	52.329	480644.86	0.0309	P	1.3
4	☐	125.000	141.009	1199185.73	0.0833	P	8.3
5	☐	250.000	263.057	2371161.21	0.1554	A	1.7
6	☐	500.000	516.178	4678864.55	0.3050	A	2.1
7	☐	1000.000	986.529	9177245.00	0.5829	A	0.9
8	☐			7804.43	0.0005	P	5.6

$$y = 5.9083\text{E-}004 * x + 3.0788\text{E-}006$$

$$R = 0.9996$$

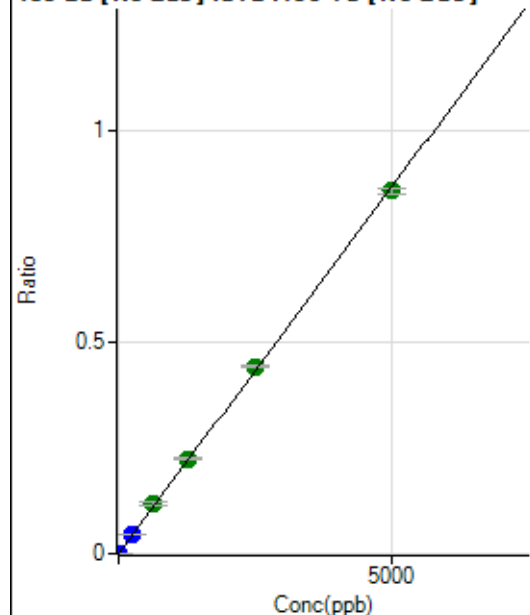
$$DL = 0.007011$$

$$BEC = 0.005211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	5.1
2	☐	10.000	9.320	24593.53	0.0016	P	2.5
3	☐	250.000	253.957	683305.79	0.0440	P	0.8
4	☐	625.000	694.448	1730604.75	0.1202	A	7.6
5	☐	1250.000	1296.561	3423727.27	0.2244	A	1.1
6	☐	2500.000	2556.384	6788334.90	0.4425	A	1.0
7	☐	5000.000	4951.290	13492301.88	0.8570	A	1.4
8	☐			8720.52	0.0006	P	6.9

$$y = 1.7308\text{E-}004 * x + 2.2237\text{E-}006$$

$$R = 0.9998$$

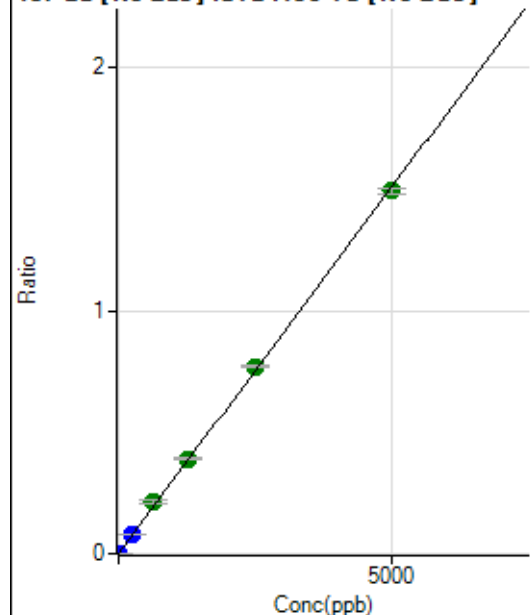
$$DL = 0.001976$$

$$BEC = 0.01285$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	23.2
2	☐	10.000	9.341	42978.02	0.0028	P	2.2
3	☐	250.000	252.777	1185220.28	0.0762	P	0.8
4	☐	625.000	701.766	3047814.26	0.2117	A	7.6
5	☐	1250.000	1289.770	5934588.04	0.3890	A	2.1
6	☐	2500.000	2556.517	11830084.41	0.7711	A	0.9
7	☐	5000.000	4952.066	23515722.98	1.4936	A	1.5
8	☐			15240.51	0.0011	P	8.5

$$y = 3.0161\text{E-}004 * x + 5.2133\text{E-}006$$

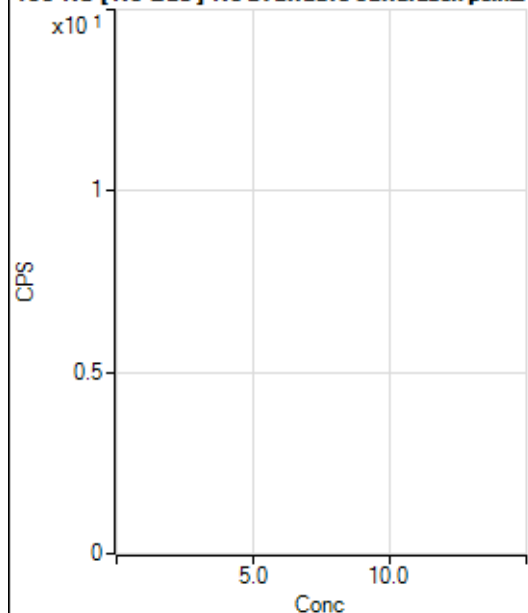
$$R = 0.9998$$

$$DL = 0.01201$$

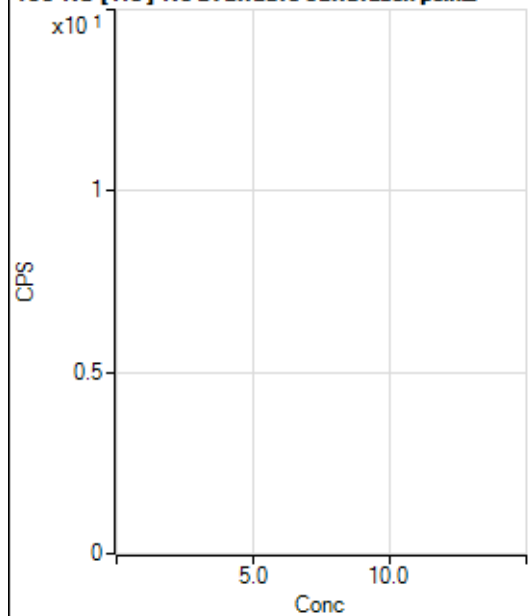
$$BEC = 0.01728$$

Weight: <None>

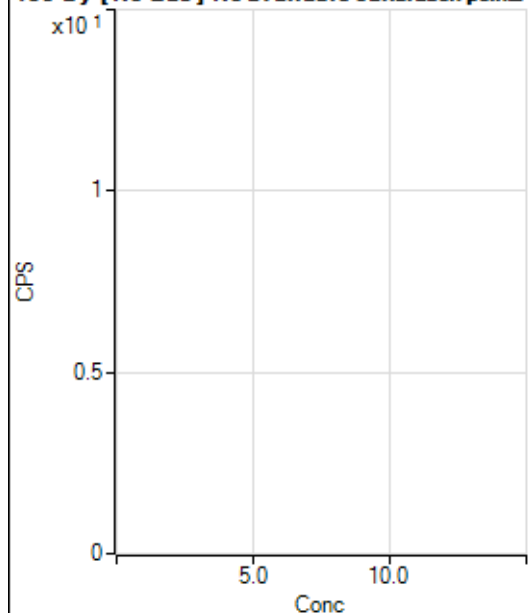
Min Conc: 0

150 Nd [No Gas] No available calibration points

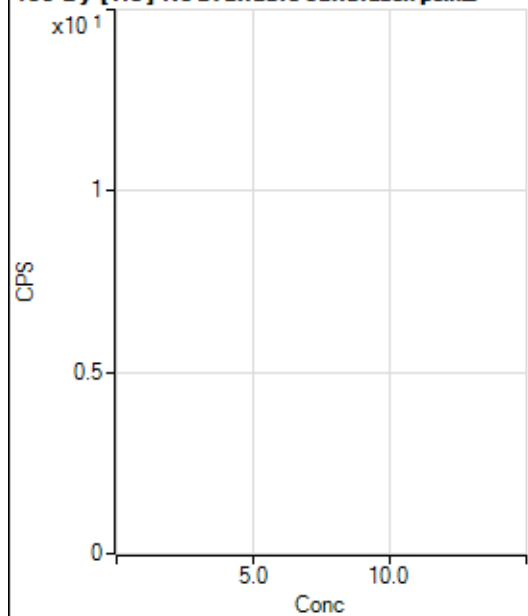
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			20.00		P	28.9
3	☐			97.78		P	20.0
4	☐			247.78		P	6.4
5	☐			465.57		P	11.5
6	☐			866.70		P	1.4
7	☐			1694.57		P	3.0
8	☐			348.90		P	13.7

150 Nd [He] No available calibration points

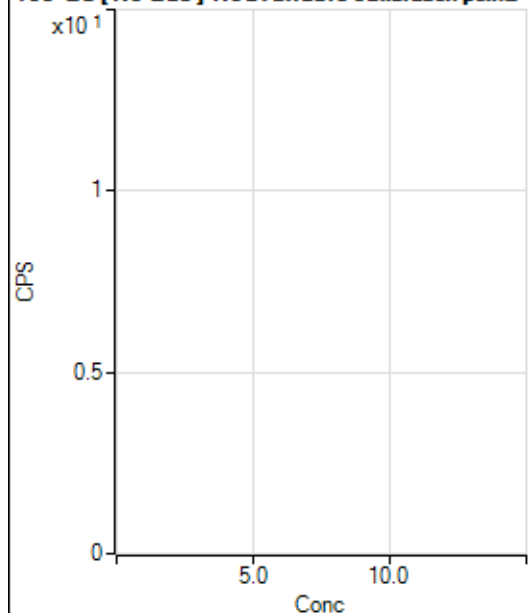
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			23.33		P	62.3
4	☐			46.67		P	37.8
5	☐			98.89		P	14.0
6	☐			178.89		P	21.5
7	☐			345.56		P	17.2
8	☐			194.45		P	15.6

156 Dy [No Gas] No available calibration points

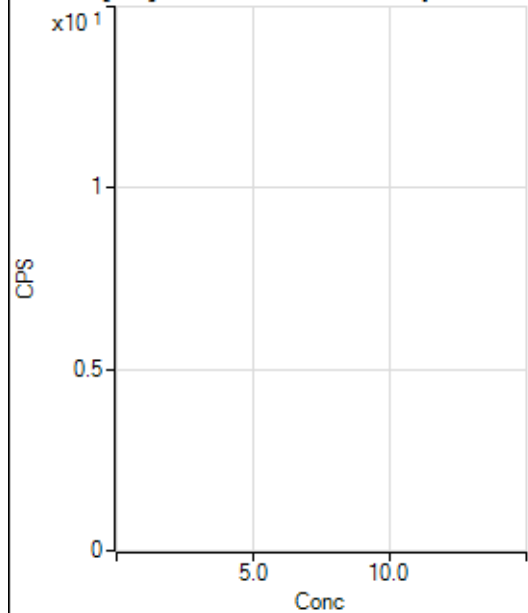
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			13.33		P	25.0
3	☐			48.89		P	23.9
4	☐			131.11		P	7.3
5	☐			214.45		P	20.3
6	☐			422.23		P	12.6
7	☐			837.81		P	2.7
8	☐			2213.53		P	1.0

156 Dy [He] No available calibration points

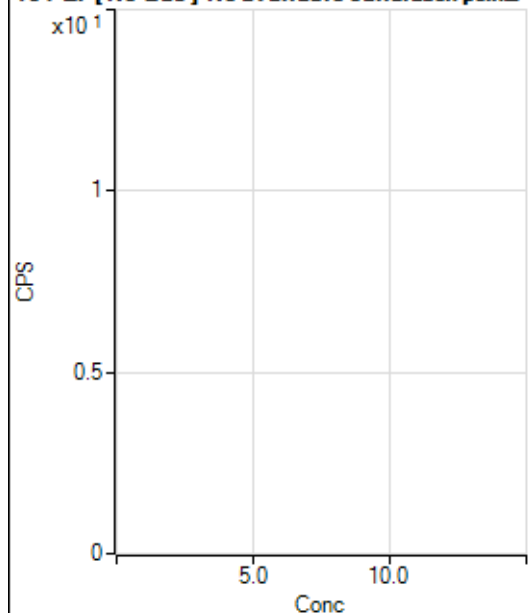
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			5.56		P	34.7
3	☐			41.11		P	32.8
4	☐			101.11		P	10.6
5	☐			196.67		P	11.9
6	☐			388.90		P	7.8
7	☐			733.36		P	5.6
8	☐			1404.53		P	5.7

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

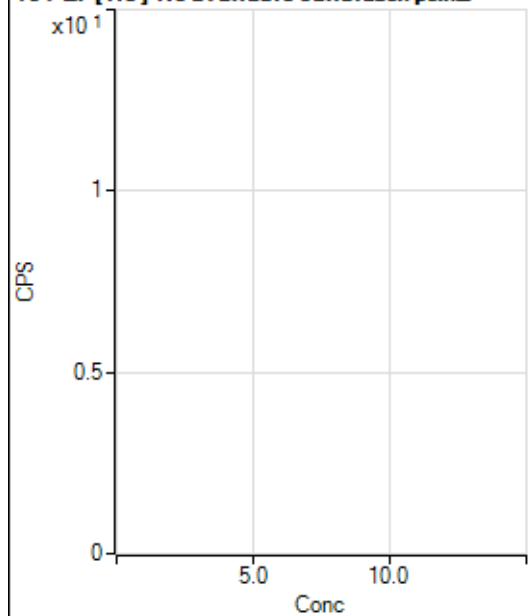
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	40.9
2	☐			76.67		P	15.7
3	☐			103.34		P	5.6
4	☐			151.11		P	12.2
5	☐			251.11		P	9.4
6	☐			436.68		P	8.0
7	☐			728.92		P	4.8
8	☐			2346.89		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.01		P	14.2
2	☐			298.90		P	11.4
3	☐			382.23		P	4.8
4	☐			406.67		P	14.8
5	☐			433.34		P	12.4
6	☐			545.57		P	8.9
7	☐			738.92		P	2.3
8	☐			1791.24		P	9.2

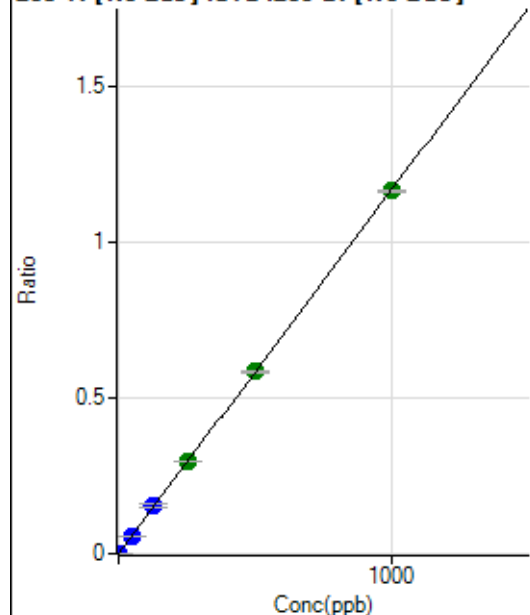
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			112.23		P	8.6
2	☐			118.89		P	14.1
3	☐			117.78		P	9.1
4	☐			135.56		P	20.5
5	☐			191.12		P	20.8
6	☐			204.45		P	9.8
7	☐			335.56		P	14.3
8	☐			406.67		P	9.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	21.6
2	☐			61.11		P	30.0
3	☐			72.22		P	34.6
4	☐			80.00		P	29.2
5	☐			93.33		P	6.2
6	☐			164.45		P	9.4
7	☐			238.89		P	15.9
8	☐			222.22		P	17.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	18.6
2	☐	1.000	0.886	8862.95	0.0010	P	2.2
3	☐	50.000	48.356	480514.66	0.0564	P	1.0
4	☐	125.000	130.454	1211255.35	0.1521	P	7.8
5	☐	250.000	254.984	2511560.41	0.2972	A	1.1
6	☐	500.000	501.306	5013269.06	0.5844	A	1.3
7	☐	1000.000	997.502	9844364.64	1.1628	A	0.5
8	☐			2748.10	0.0004	P	22.5

$$y = 0.0012 * x + 6.8853E-006$$

$$R = 1.0000$$

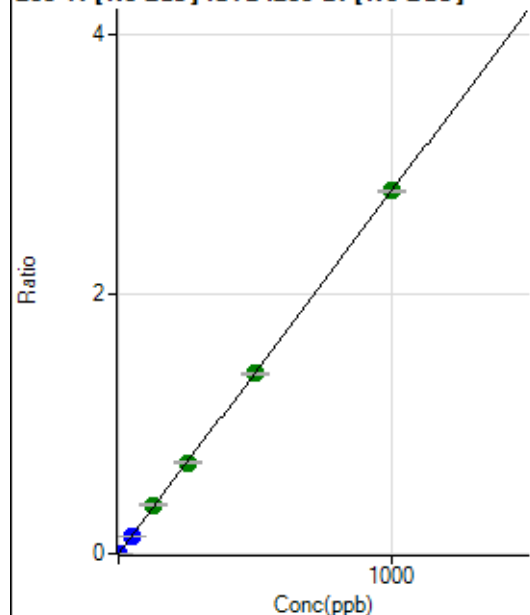
$$DL = 0.003291$$

$$BEC = 0.005907$$

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	135.56	0.0000	P	14.7
2	☐	1.000	0.878	21051.90	0.0025	P	2.2
3	☐	50.000	47.721	1136918.25	0.1334	P	0.7
4	☐	125.000	135.129	3009109.99	0.3777	A	7.1
5	☐	250.000	251.341	5935301.09	0.7024	A	1.5
6	☐	500.000	496.033	11892632.88	1.3863	A	1.4
7	☐	1000.000	1000.496	23672877.15	2.7961	A	0.6
8	☐			6261.56	0.0009	P	24.2

$$y = 0.0028 * x + 1.6439E-005$$

$$R = 0.9999$$

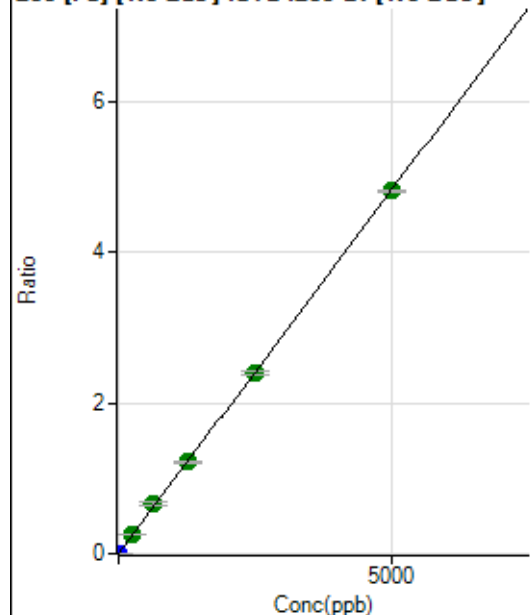
$$DL = 0.002595$$

$$BEC = 0.005882$$

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	294.45	0.0000	P	5.1
2	☐	1.000	0.869	7446.55	0.0009	P	1.7
3	☐	250.000	258.303	2125682.33	0.2494	A	0.5
4	☐	625.000	684.038	5260469.85	0.6604	A	7.5
5	☐	1250.000	1262.352	10296626.65	1.2186	A	1.7
6	☐	2500.000	2498.833	20693019.00	2.4123	A	2.1
7	☐	5000.000	4989.700	40781726.61	4.8168	A	0.2
8	☐			41209.05	0.0059	P	5.3

$$y = 9.6535E-004 * x + 3.5631E-005$$

$$R = 0.9999$$

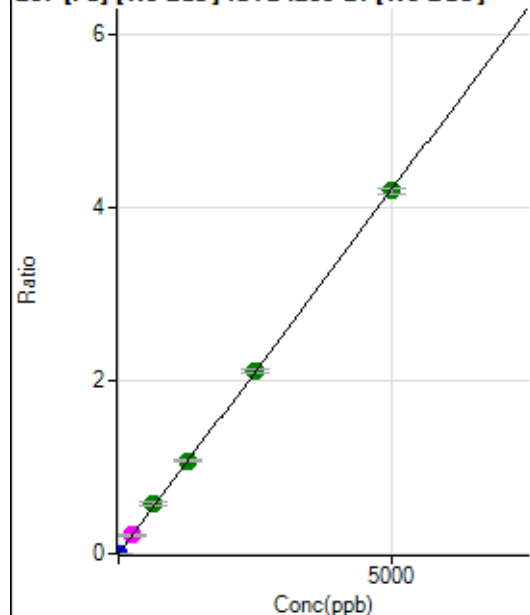
$$DL = 0.005607$$

$$BEC = 0.03691$$

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	265.56	0.0000	P	10.0
2	☐	1.000	0.871	6516.07	0.0008	P	0.6
3	☐	250.000	253.335	1816264.91	0.2131	M	4.7
4	☐	625.000	689.905	4620669.03	0.5802	A	8.1
5	☐	1250.000	1275.494	9063268.96	1.0726	A	1.5
6	☐	2500.000	2501.778	18047280.15	2.1039	A	2.2
7	☐	5000.000	4984.458	35486280.58	4.1917	A	1.4
8	☐			34548.39	0.0049	P	5.5

$$y = 8.4094E-004 * x + 3.2040E-005$$

$$R = 0.9999$$

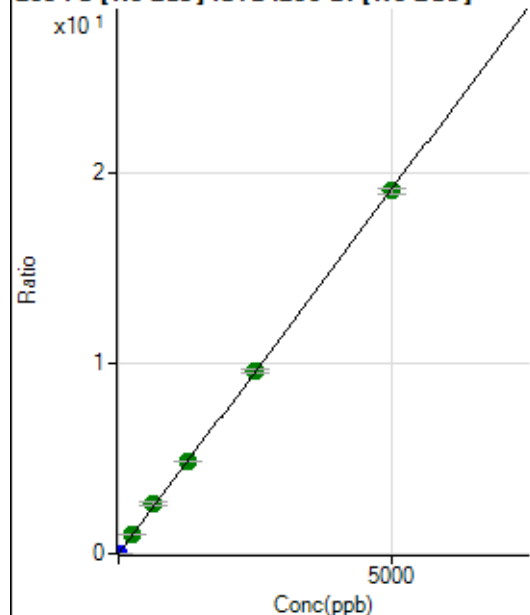
$$DL = 0.01148$$

$$BEC = 0.0381$$

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	1168.92	0.0001	P	8.6
2	☐	1.000	0.874	29753.03	0.0035	P	1.4
3	☐	250.000	254.662	8321778.63	0.9763	A	0.9
4	☐	625.000	684.454	20899257.60	2.6238	A	7.7
5	☐	1250.000	1271.148	41174271.12	4.8727	A	0.8
6	☐	2500.000	2509.742	82525953.50	9.6204	A	2.0
7	☐	5000.000	4982.177	161681627.5	19.0976	A	1.4
8	☐			160462.36	0.0229	P	5.8

$$y = 0.0038 * x + 1.4172E-004$$

$$R = 0.9999$$

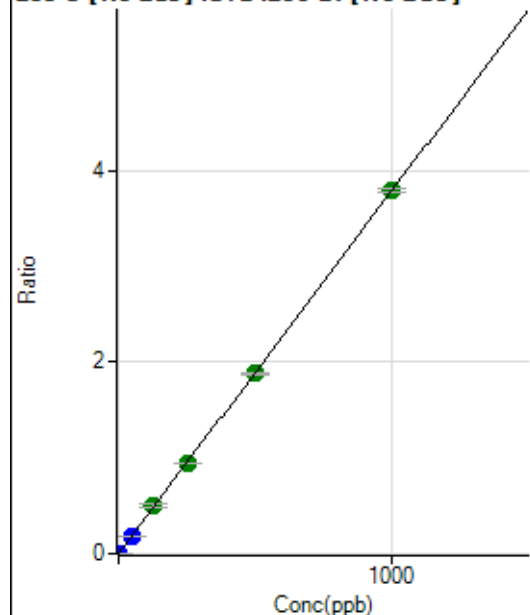
$$DL = 0.009531$$

$$BEC = 0.03697$$

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	16.67	0.0000	P	39.7
2	☐	1.000	0.824	26589.92	0.0031	P	1.3
3	☐	50.000	45.771	1476626.78	0.1732	P	0.8
4	☐	125.000	132.736	3998430.77	0.5024	A	9.4
5	☐	250.000	248.772	7956154.74	0.9416	A	1.0
6	☐	500.000	497.043	16138835.45	1.8812	A	1.4
7	☐	1000.000	1001.030	32076048.13	3.7887	A	1.2
8	☐			6887.49	0.0010	P	26.0

$$y = 0.0038 * x + 2.0228E-006$$

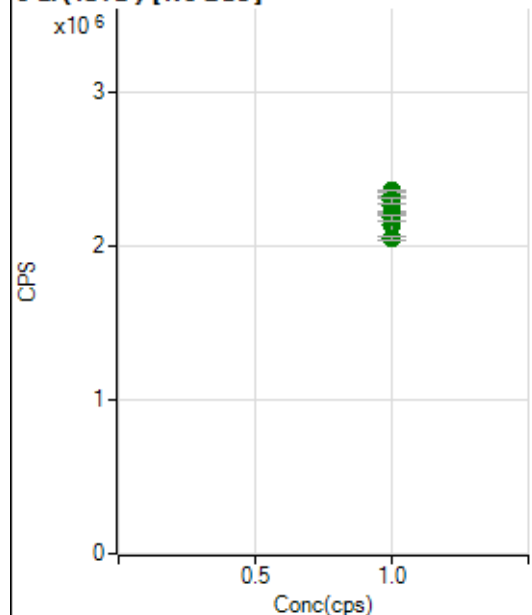
$$R = 0.9999$$

$$DL = 0.0006364$$

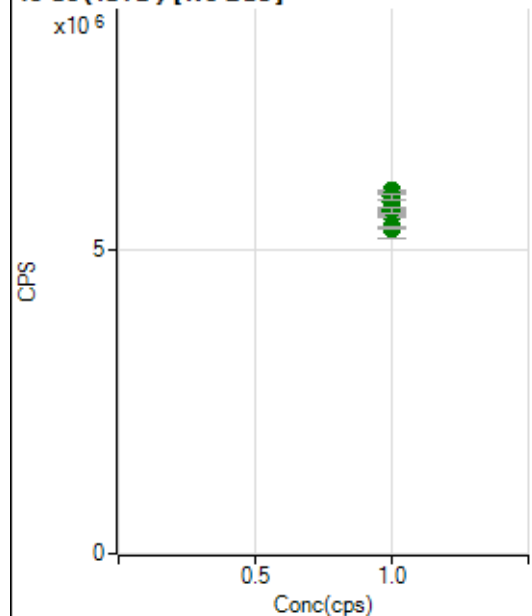
$$BEC = 0.0005344$$

Weight: <None>

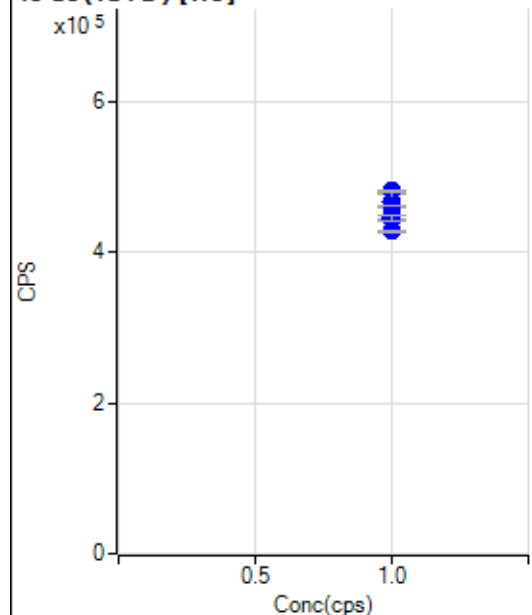
Min Conc: 0

6 Li (ISTD) [No Gas]

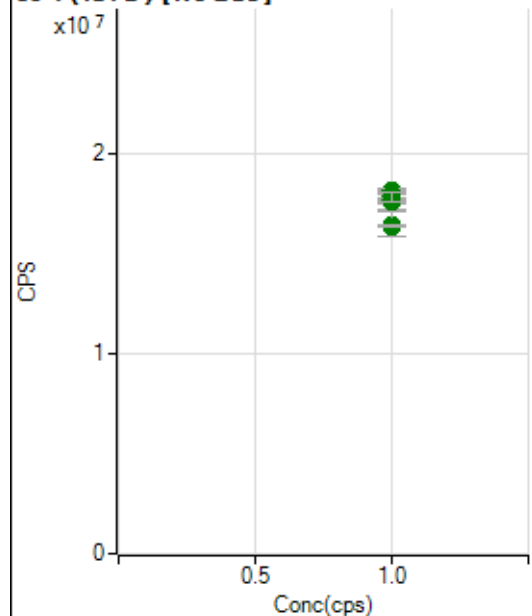
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267793.06		A	5.3
2	☐	1.000		2329045.00		A	1.5
3	☐	1.000		2359526.32		A	0.6
4	☐	1.000		2144689.21		A	7.5
5	☐	1.000		2295210.19		A	1.8
6	☐	1.000		2211919.57		A	0.7
7	☐	1.000		2185516.71		A	1.6
8	☐	1.000		2053038.09		A	0.9

45 Sc (ISTD) [No Gas]

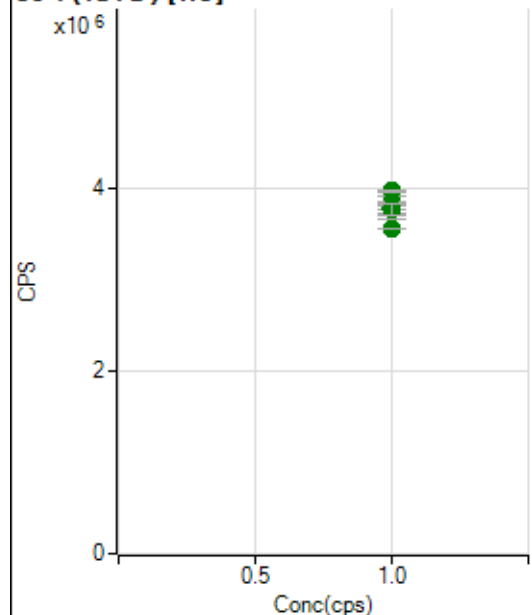
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5791187.21		A	5.9
2	☐	1.000		5972761.92		A	0.8
3	☐	1.000		5878027.41		A	1.4
4	☐	1.000		5386719.92		A	6.9
5	☐	1.000		5623019.22		A	1.2
6	☐	1.000		5558914.64		A	0.8
7	☐	1.000		5658306.51		A	1.9
8	☐	1.000		5365661.55		A	0.6

45 Sc (ISTD) [He]

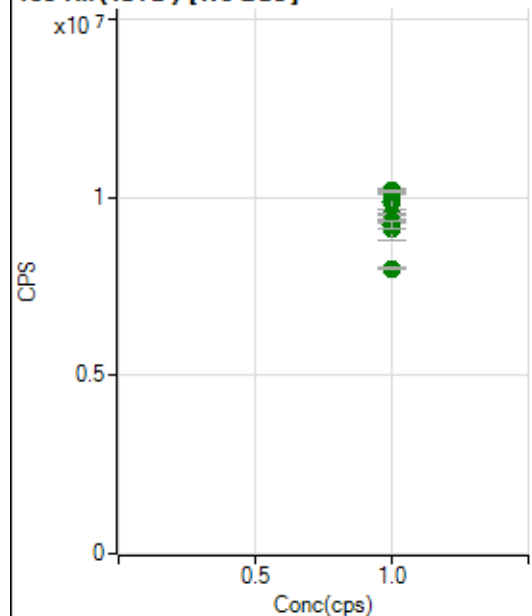
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		468281.01		P	3.9
2	☐	1.000		481480.93		P	0.1
3	☐	1.000		462463.77		P	7.7
4	☐	1.000		461336.59		P	0.2
5	☐	1.000		449555.91		P	0.3
6	☐	1.000		446628.07		P	1.0
7	☐	1.000		444955.75		P	1.5
8	☐	1.000		428107.06		P	0.3

89 Y (ISTD) [No Gas]

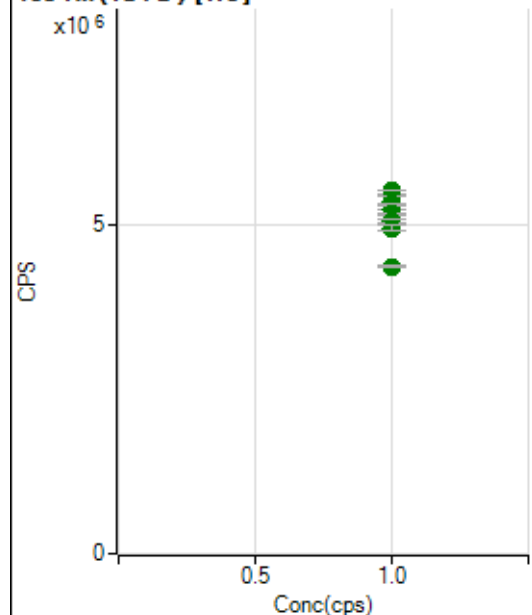
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17696092.37		A	5.3
2	☐	1.000		18112836.81		A	1.1
3	☐	1.000		17969313.90		A	0.4
4	☐	1.000		16434333.92		A	7.5
5	☐	1.000		17552580.57		A	1.3
6	☐	1.000		17652642.38		A	1.1
7	☐	1.000		17812108.35		A	2.5
8	☐	1.000		16359078.37		A	0.3

89 Y (ISTD) [He]

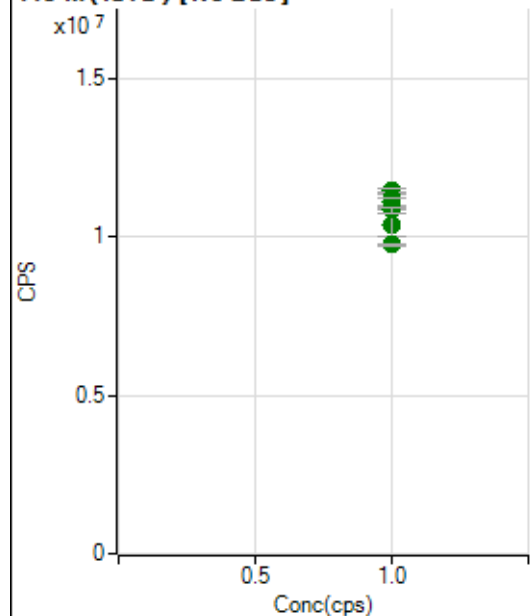
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3824378.48		A	5.1
2	☐	1.000		3978997.51		A	0.4
3	☐	1.000		3819808.45		A	7.4
4	☐	1.000		3854667.58		A	0.5
5	☐	1.000		3804196.64		A	1.3
6	☐	1.000		3796317.34		A	0.7
7	☐	1.000		3777727.62		A	3.1
8	☐	1.000		3570817.24		A	0.2

103 Rh (ISTD) [No Gas]

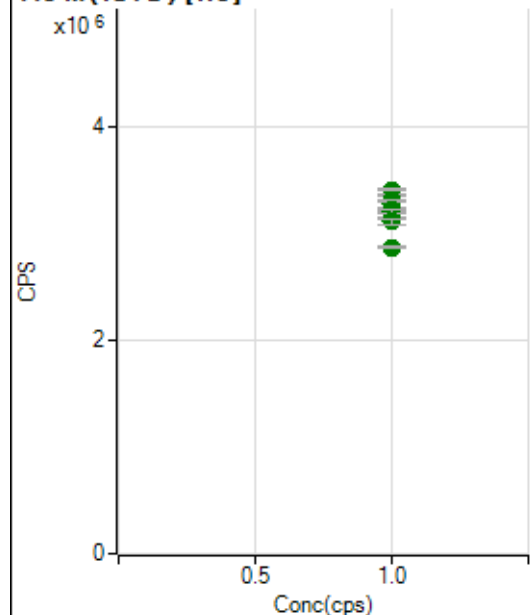
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9910415.89		A	4.5
2	☐	1.000		10184439.57		A	1.8
3	☐	1.000		10193451.93		A	0.5
4	☐	1.000		9115995.90		A	6.5
5	☐	1.000		9534385.55		A	0.9
6	☐	1.000		9352151.60		A	0.9
7	☐	1.000		9225219.38		A	2.1
8	☐	1.000		8010385.99		A	0.8

103 Rh (ISTD) [He]

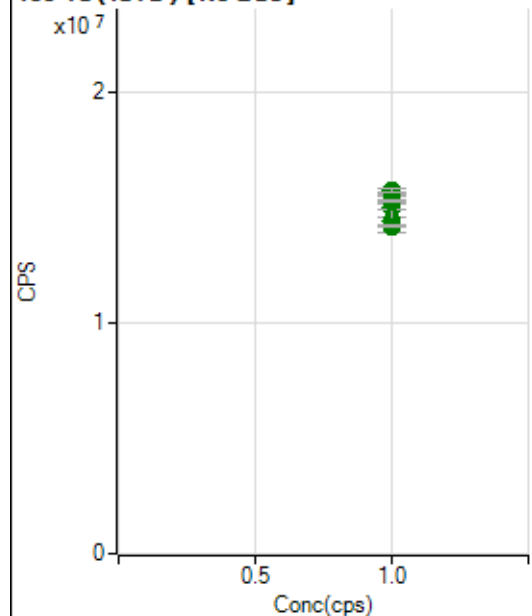
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5347300.72		A	4.3
2	☐	1.000		5524370.75		A	0.2
3	☐	1.000		5246305.79		A	8.1
4	☐	1.000		5320135.13		A	0.5
5	☐	1.000		5174201.66		A	0.3
6	☐	1.000		5072189.23		A	1.1
7	☐	1.000		4957433.23		A	2.0
8	☐	1.000		4370114.41		A	0.6

115 In (ISTD) [No Gas]

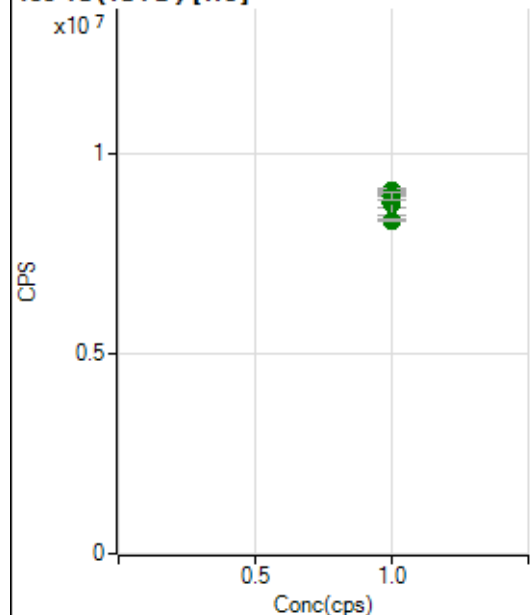
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11099938.39		A	4.5
2	☐	1.000		11457519.00		A	1.0
3	☐	1.000		11245844.52		A	0.3
4	☐	1.000		10404158.41		A	7.2
5	☐	1.000		10956961.83		A	0.0
6	☐	1.000		10932983.36		A	1.3
7	☐	1.000		10844151.82		A	1.8
8	☐	1.000		9753517.24		A	0.5

115 In (ISTD) [He]

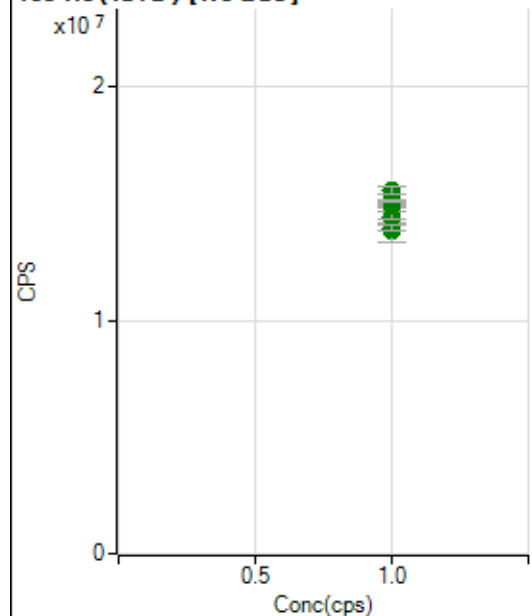
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3300851.47		A	3.6
2	☐	1.000		3403687.84		A	1.8
3	☐	1.000		3275686.37		A	7.8
4	☐	1.000		3312035.87		A	0.4
5	☐	1.000		3230631.96		A	1.4
6	☐	1.000		3211673.37		A	1.4
7	☐	1.000		3114461.54		A	1.9
8	☐	1.000		2874690.11		A	0.4

159 Tb (ISTD) [No Gas]

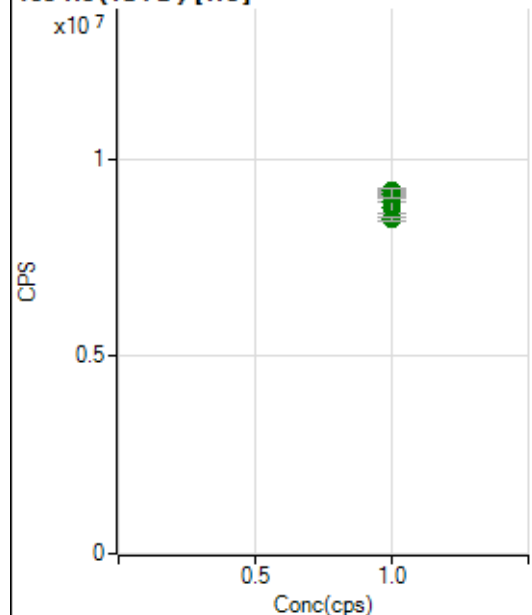
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15013957.56		A	5.0
2	☐	1.000		15227927.69		A	1.0
3	☐	1.000		15545252.69		A	0.8
4	☐	1.000		14449314.37		A	7.0
5	☐	1.000		15257639.22		A	1.0
6	☐	1.000		15342617.55		A	0.5
7	☐	1.000		15745753.38		A	1.1
8	☐	1.000		14212448.68		A	0.5

159 Tb (ISTD) [He]

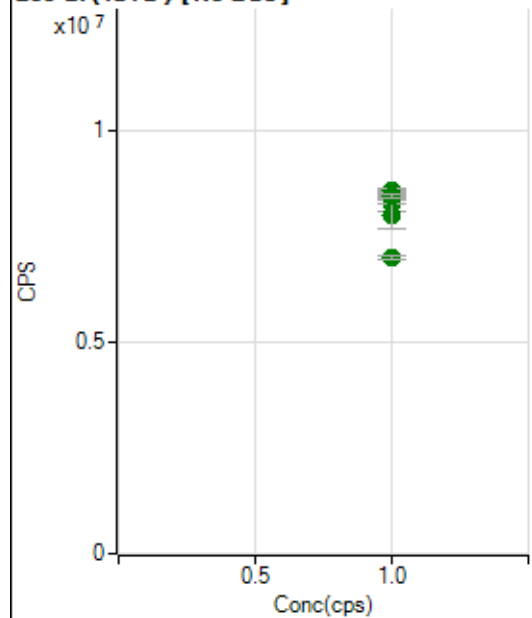
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8788180.49		A	3.4
2	☐	1.000		9071744.45		A	0.9
3	☐	1.000		8769578.62		A	7.2
4	☐	1.000		9040824.87		A	0.7
5	☐	1.000		9023656.60		A	0.4
6	☐	1.000		9049456.05		A	1.8
7	☐	1.000		8945337.57		A	2.0
8	☐	1.000		8332168.42		A	0.7

165 Ho (ISTD) [No Gas]

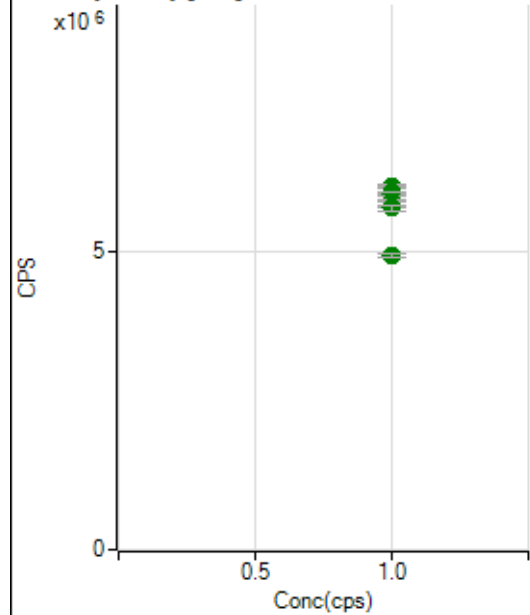
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14409073.26		A	3.7
2	☐	1.000		14918265.06		A	0.9
3	☐	1.000		14952642.00		A	0.7
4	☐	1.000		13816531.74		A	6.9
5	☐	1.000		15023365.75		A	0.6
6	☐	1.000		15154786.03		A	0.5
7	☐	1.000		15544866.02		A	2.2
8	☐	1.000		13935872.43		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8762968.62		A	3.8
2	☐	1.000		9074731.33		A	0.3
3	☐	1.000		8903183.41		A	6.8
4	☐	1.000		9182659.66		A	1.0
5	☐	1.000		9089276.39		A	1.1
6	☐	1.000		9102938.20		A	0.6
7	☐	1.000		9123647.02		A	2.2
8	☐	1.000		8457560.43		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8263647.38		A	4.5
2	☐	1.000		8519503.13		A	1.3
3	☐	1.000		8523630.85		A	0.3
4	☐	1.000		7995241.76		A	7.3
5	☐	1.000		8450837.37		A	1.7
6	☐	1.000		8580135.36		A	1.6
7	☐	1.000		8466626.75		A	1.0
8	☐	1.000		7008905.73		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5890427.20		A	4.5
2	☐	1.000		6104742.20		A	0.2
3	☐	1.000		5940292.76		A	6.5
4	☐	1.000		6002527.48		A	0.7
5	☐	1.000		5989159.35		A	1.1
6	☐	1.000		5859271.65		A	0.5
7	☐	1.000		5748530.89		A	1.4
8	☐	1.000		4953817.81		A	1.2