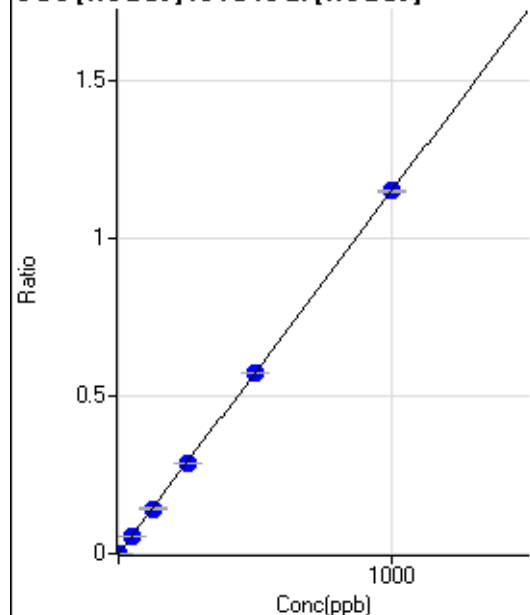


Calibration for 005CALS.d

Batch Folder: D:\ICP-MS Data\P7060917-MS .b\
 Analysis File: P7060917-MS .batch.bin
 DA Date-Time: 2017-06-12 00:09:29
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-06-09 16:26:36
2			
3	005CALS.d	S02	2017-06-09 16:34:47
4	006CALS.d	S03	2017-06-09 16:38:33
5	007CALS.d	S04	2017-06-09 16:42:34
6	008CALS.d	S05	2017-06-09 16:46:13
7	009CALS.d	S06	2017-06-09 16:49:49
8	010CALS.d	S07	2017-06-09 16:53:21
9	011CALS.d	S08	2017-06-09 16:56:48

9 Be [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.897	2205.78	0.0011	P	4.8
4	☐	50.000	49.828	115700.40	0.0573	P	0.8
5	☐	125.000	124.574	289273.99	0.1432	P	0.2
6	☐	250.000	248.861	566677.88	0.2859	P	0.3
7	☐	500.000	498.436	1129610.27	0.5725	P	0.1
8	☐	1000.000	1001.129	2187641.37	1.1499	P	0.6
9	☐			907.46	0.0005	P	5.4

$$y = 0.0011 * x + 7.9981E-005$$

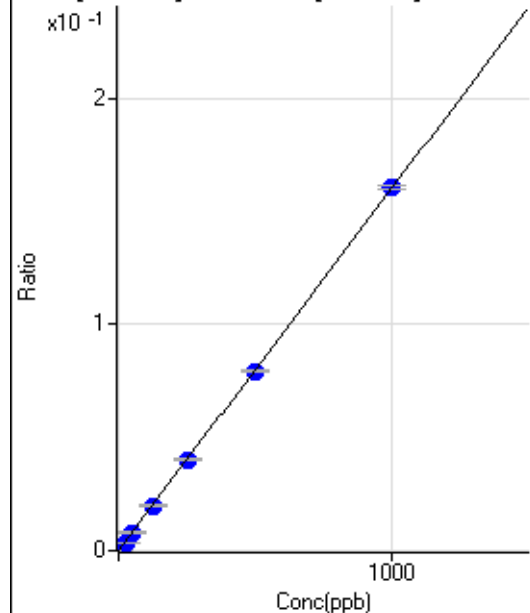
$$R = 1.0000$$

$$DL = 0.02227$$

$$BEC = 0.06964$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0001	P	17.7
2	☐	2.500					
3	☐	25.000	20.675	6765.67	0.0034	P	2.3
4	☐	50.000	49.083	16036.97	0.0079	P	4.3
5	☐	125.000	123.639	40126.61	0.0199	P	2.2
6	☐	250.000	251.211	79756.90	0.0402	P	0.7
7	☐	500.000	495.204	156303.56	0.0792	P	1.0
8	☐	1000.000	1002.419	304900.55	0.1603	P	1.0
9	☐			3628.36	0.0020	P	7.6

$$y = 1.5977E-004 * x + 1.0343E-004$$

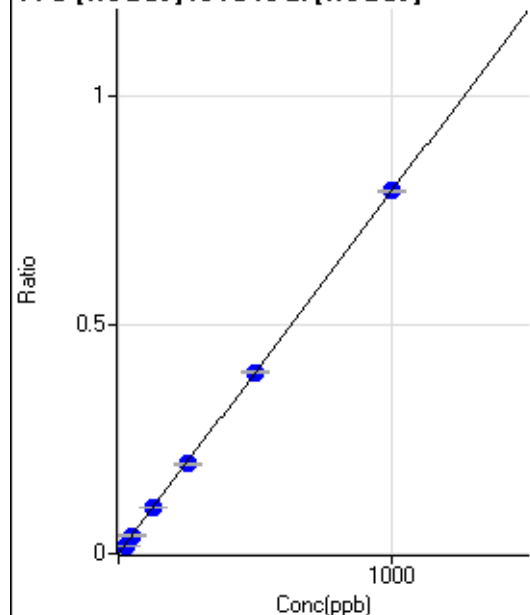
$$R = 1.0000$$

$$DL = 0.344$$

$$BEC = 0.6474$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1075.08	0.0005	P	14.2
2	☐	2.500					
3	☐	25.000	20.085	32680.56	0.0165	P	1.0
4	☐	50.000	49.677	80592.78	0.0399	P	0.8
5	☐	125.000	125.105	201476.59	0.0997	P	1.0
6	☐	250.000	247.167	389411.29	0.1965	P	1.0
7	☐	500.000	498.864	781283.19	0.3960	P	1.0
8	☐	1000.000	1001.402	1511302.30	0.7944	P	0.7
9	☐			17396.81	0.0097	P	6.5

$$y = 7.9272\text{E-}004 * x + 5.3341\text{E-}004$$

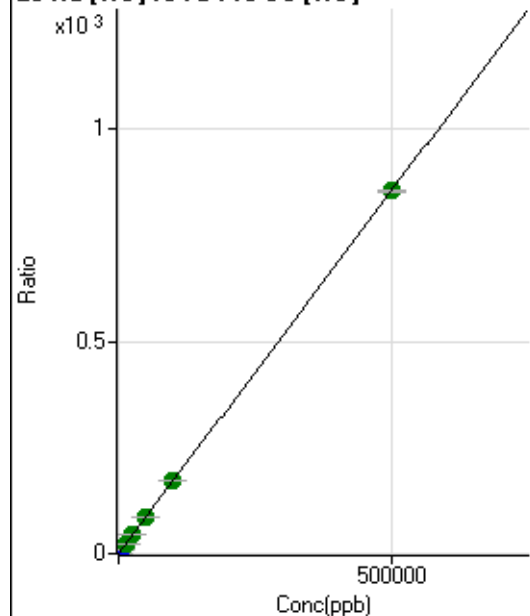
$$R = 1.0000$$

$$DL = 0.2874$$

$$BEC = 0.6729$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15127.69	0.0598	P	2.6
2	☐	50.000					
3	☐	500.000	484.561	213123.79	0.8879	P	0.9
4	☐	5000.000	5204.853	2248067.95	8.9548	P	0.4
5	☐	12500.000	13001.314	5599772.22	22.2789	A	0.8
6	☐	25000.000	25836.769	10937478.72	44.2146	A	0.3
7	☐	50000.000	51257.243	21985349.45	87.6580	A	0.3
8	☐	100000.00	100329.46	43051380.47	171.5221	A	0.3
9	☐	500000.00	499751.97	220311241.0	854.1322	A	0.7

$$y = 0.0017 * x + 0.0598$$

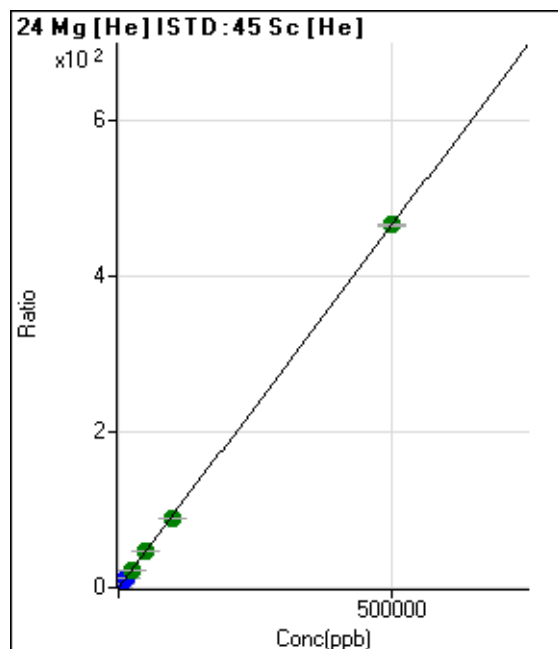
$$R = 1.0000$$

$$DL = 2.713$$

$$BEC = 34.97$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.47	0.0019	P	4.9
2	☐	50.000					
3	☐	500.000	460.831	103414.09	0.4308	P	0.4
4	☐	5000.000	5049.140	1180374.45	4.7018	P	0.6
5	☐	12500.000	12639.390	2957723.39	11.7672	P	0.4
6	☐	25000.000	24913.120	5737106.98	23.1922	A	0.4
7	☐	50000.000	49245.214	11497448.87	45.8418	A	0.4
8	☐	100000.00	96217.497	22480371.68	89.5659	A	0.5
9	☐	500000.00	500832.38	120247131.8	466.2018	A	0.6

$$y = 9.3085\text{E-}004 * x + 0.0019$$

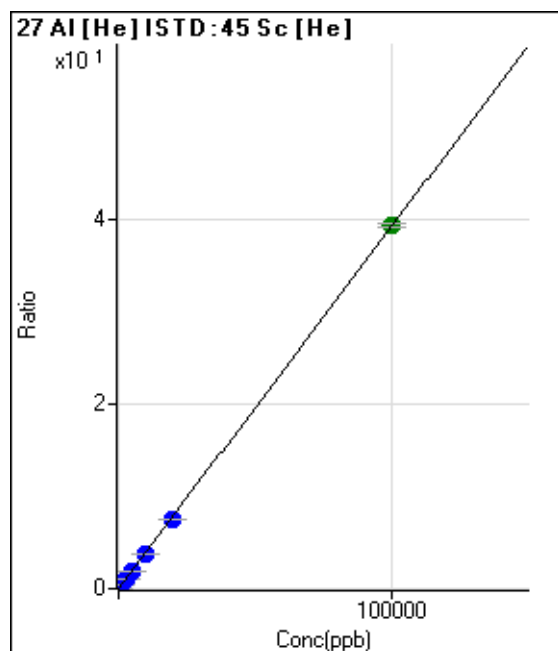
$$R = 1.0000$$

$$DL = 0.2911$$

$$BEC = 1.992$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0002	P	79.5
2	☐	2.000					
3	☐	20.000	22.573	2158.89	0.0090	P	15.6
4	☐	1000.000	989.675	97254.64	0.3874	P	1.1
5	☐	2500.000	2458.525	241834.25	0.9621	P	0.4
6	☐	5000.000	4893.917	473733.30	1.9151	P	0.5
7	☐	10000.000	9739.124	955822.94	3.8109	P	0.3
8	☐	20000.000	19189.927	1884715.88	7.5088	P	0.2
9	☐	100000.00	100194.54	10112109.78	39.2043	A	1.0

$$y = 3.9128\text{E-}004 * x + 1.6413\text{E-}004$$

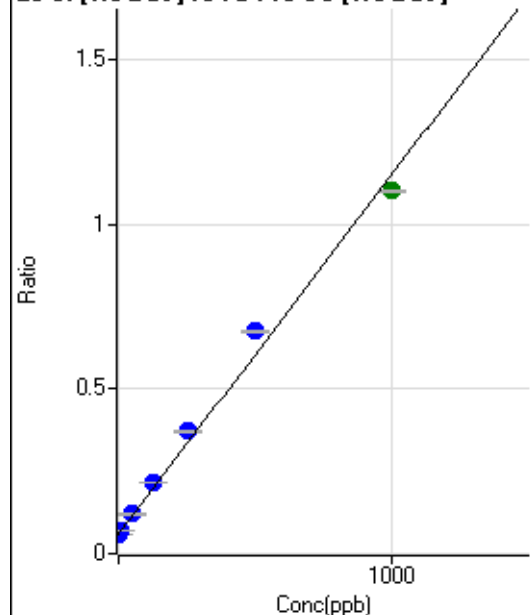
$$R = 1.0000$$

$$DL = 1.001$$

$$BEC = 0.4195$$

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	374245.04	0.0596	P	0.5
2	☐	1.000					
3	☐	10.000	10.029	445476.32	0.0705	P	0.9
4	☐	50.000	55.612	765414.56	0.1203	P	0.9
5	☐	125.000	142.585	1379996.79	0.2152	P	0.0
6	☐	250.000	286.055	2320293.15	0.3718	P	0.8
7	☐	500.000	565.819	4303897.92	0.6771	P	0.7
8	☐	1000.000	955.597	6863661.52	1.1025	A	0.2
9	☐			1132528.97	0.1853	P	3.2

$$y = 0.0011 * x + 0.0596$$

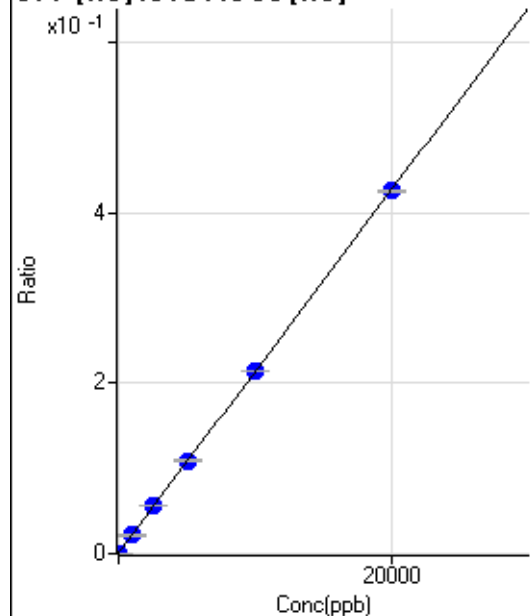
$$R = 0.9958$$

$$DL = 0.754$$

$$BEC = 54.61$$

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	2.513	205.57	0.0008	P	18.8
2	☐	0.000					
3	☐	0.000	-2.513	169.45	0.0007	P	40.0
4	☐	1000.000	979.355	5423.45	0.0216	P	6.9
5	☐	2500.000	2634.046	14282.40	0.0568	P	1.3
6	☐	5000.000	5087.520	26975.22	0.1090	P	1.4
7	☐	10000.000	10042.467	53800.83	0.2145	P	0.4
8	☐	20000.000	19941.163	106726.87	0.4252	P	0.3
9	☐			233.35	0.0009	P	11.4

$$y = 2.1285E-005 * x + 7.5931E-004$$

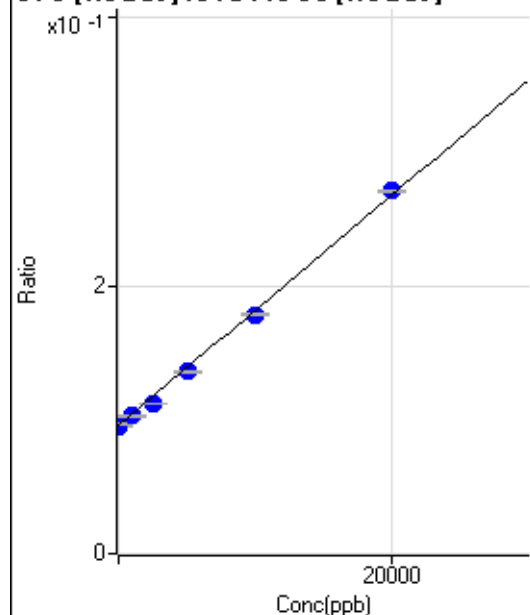
$$R = 1.0000$$

$$DL = 30.68$$

$$BEC = 35.67$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-106.033	596624.85	0.0950	P	1.1
2	☐	0.000					
3	☐	0.000	106.033	611497.36	0.0968	P	0.4
4	☐	1000.000	809.086	654572.83	0.1029	P	0.8
5	☐	2500.000	1860.493	717519.90	0.1119	P	0.6
6	☐	5000.000	4660.720	848354.96	0.1359	P	0.8
7	☐	10000.000	9611.015	1134097.96	0.1784	P	1.1
8	☐	20000.000	20368.796	1685554.64	0.2707	P	0.7
9	☐			590084.98	0.0965	P	0.6

$$y = 8.5829E-006 * x + 0.0959$$

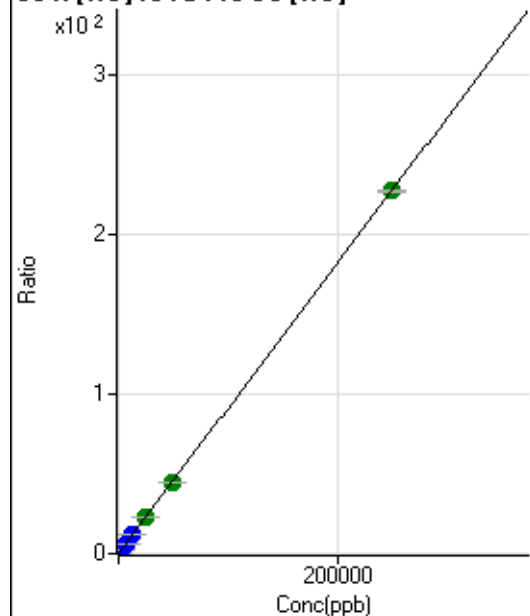
$$R = 0.9992$$

$$DL = 252.4$$

$$BEC = 1.118E+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34543.98	0.1365	P	2.6
2	☐	50.000					
3	☐	500.000	459.162	132803.05	0.5532	P	0.3
4	☐	2500.000	2485.559	600628.54	2.3925	P	0.4
5	☐	6250.000	6258.056	1462017.04	5.8166	P	0.3
6	☐	12500.000	12523.345	2845586.65	11.5033	P	0.5
7	☐	25000.000	25036.306	5733656.77	22.8606	A	0.2
8	☐	50000.000	49248.267	11254008.76	44.8365	A	0.5
9	☐	250000.00	250145.57	58597959.64	227.1804	A	0.9

$$y = 9.0765E-004 * x + 0.1365$$

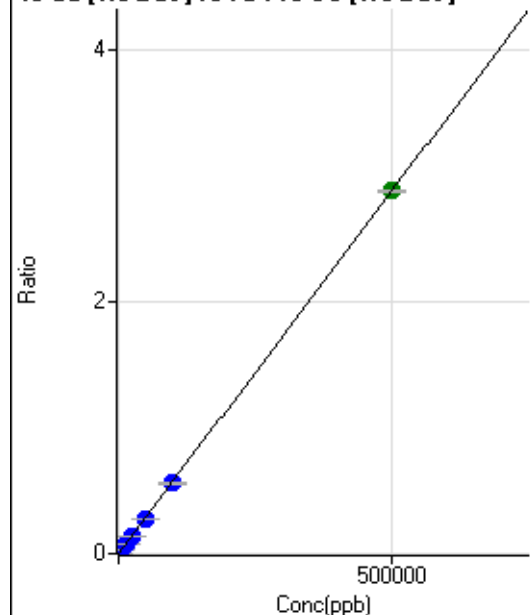
$$R = 1.0000$$

$$DL = 11.62$$

$$BEC = 150.4$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	444.47	0.0001	P	5.2
2	☐	50.000					
3	☐	500.000	429.021	16017.68	0.0025	P	0.4
4	☐	5000.000	4883.419	179049.83	0.0281	P	1.2
5	☐	12500.000	12370.033	456353.63	0.0712	P	0.4
6	☐	25000.000	24516.923	879874.42	0.1410	P	0.7
7	☐	50000.000	48594.869	1775804.79	0.2794	P	0.3
8	☐	100000.00	96984.321	3470790.49	0.5575	P	0.6
9	☐	500000.00	500772.28	17592616.36	2.8782	A	0.4

$$y = 5.7474\text{E-}006 * x + 7.0796\text{E-}005$$

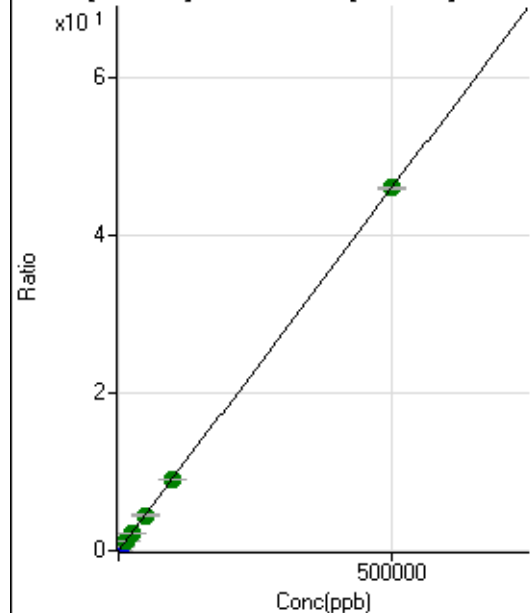
$$R = 1.0000$$

$$DL = 1.926$$

$$BEC = 12.32$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11644.14	0.0019	P	2.3
2	☐	50.000					
3	☐	500.000	438.949	266965.40	0.0423	P	0.9
4	☐	5000.000	4981.299	2930729.65	0.4606	P	0.6
5	☐	12500.000	12430.595	7352379.85	1.1466	A	0.2
6	☐	25000.000	24691.101	14202498.41	2.2756	A	0.9
7	☐	50000.000	48997.575	28693678.42	4.5140	A	0.4
8	☐	100000.00	97507.173	55913981.11	8.9812	A	0.7
9	☐	500000.00	500616.23	281797820.1	46.1034	A	0.5

$$y = 9.2090\text{E-}005 * x + 0.0019$$

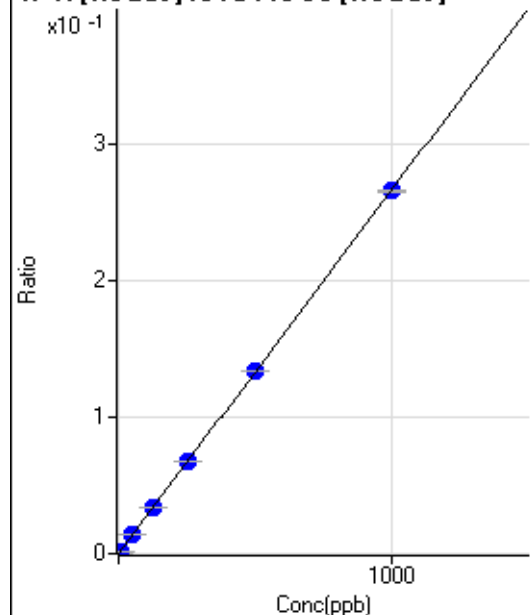
$$R = 1.0000$$

$$DL = 1.405$$

$$BEC = 20.14$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.91	0.0001	P	6.8
2	☐	0.500					
3	☐	5.000	4.520	8055.32	0.0013	P	4.0
4	☐	50.000	51.102	86933.85	0.0137	P	0.6
5	☐	125.000	125.850	215050.72	0.0335	P	1.0
6	☐	250.000	252.180	418952.04	0.0671	P	0.7
7	☐	500.000	502.271	849395.96	0.1336	P	0.7
8	☐	1000.000	998.160	1652789.08	0.2655	P	0.5
9	☐			3850.18	0.0006	P	77.0

$$y = 2.6590E-004 * x + 7.3864E-005$$

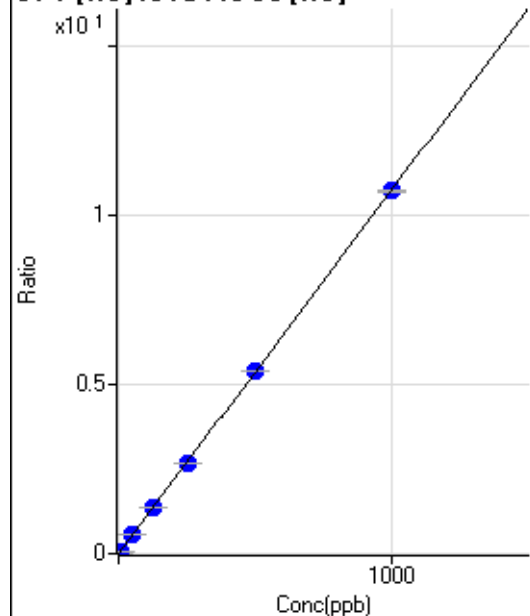
$$R = 1.0000$$

$$DL = 0.05666$$

$$BEC = 0.2778$$

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	25.55	0.0001	P	15.5
2	☐	0.500					
3	☐	5.000	4.587	11858.24	0.0494	P	1.1
4	☐	50.000	50.590	136536.37	0.5439	P	1.2
5	☐	125.000	125.955	340317.75	1.3539	P	0.3
6	☐	250.000	250.589	666309.34	2.6935	P	0.3
7	☐	500.000	503.145	1356397.43	5.4081	P	0.4
8	☐	1000.000	998.133	2692813.99	10.7285	P	0.3
9	☐			1293.41	0.0050	P	6.4

$$y = 0.0107 * x + 1.0100E-004$$

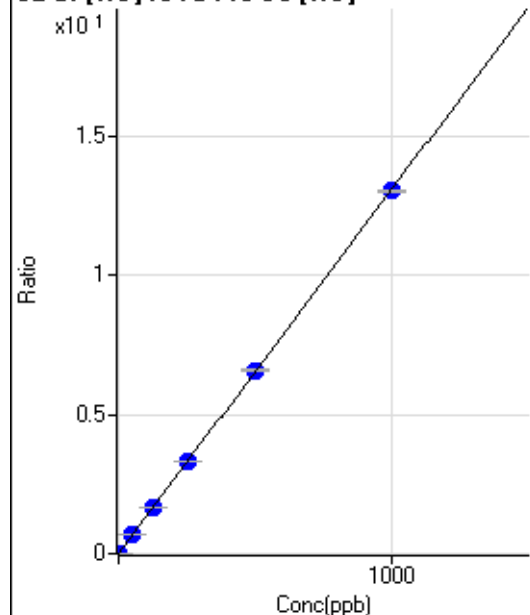
$$R = 1.0000$$

$$DL = 0.004361$$

$$BEC = 0.009396$$

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	1007.83	0.0040	P	6.2
2	☐	0.200					
3	☐	2.000	2.114	7580.95	0.0316	P	3.9
4	☐	50.000	51.148	168646.36	0.6718	P	0.7
5	☐	125.000	127.755	420249.59	1.6720	P	0.8
6	☐	250.000	253.173	818674.42	3.3095	P	0.3
7	☐	500.000	504.302	1652404.44	6.5883	P	0.3
8	☐	1000.000	996.654	3267141.62	13.0165	P	0.4
9	☐			85905.08	0.3331	P	0.6

$$y = 0.0131 * x + 0.0040$$

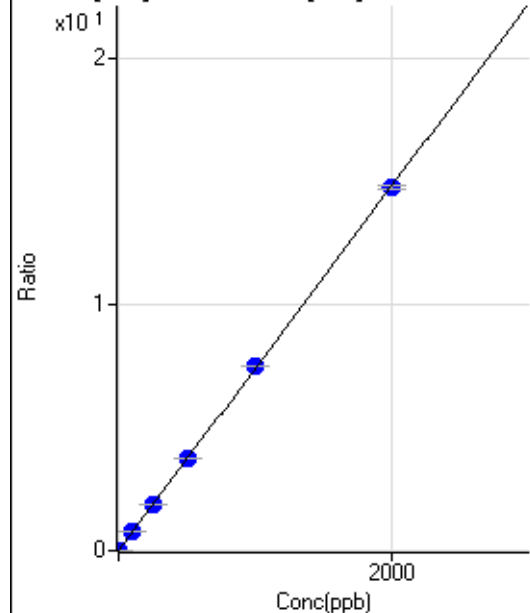
$$R = 1.0000$$

$$DL = 0.05662$$

$$BEC = 0.3049$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	652.25	0.0026	P	11.6
2	☐	0.100					
3	☐	1.000	0.927	2267.99	0.0094	P	4.2
4	☐	100.000	102.498	191247.59	0.7618	P	0.5
5	☐	250.000	255.165	475720.64	1.8926	P	0.5
6	☐	500.000	506.186	928146.92	3.7520	P	0.0
7	☐	1000.000	1012.787	1882201.90	7.5045	P	0.5
8	☐	2000.000	1991.289	3702957.79	14.7525	P	1.0
9	☐			14265.97	0.0553	P	1.7

$$y = 0.0074 * x + 0.0026$$

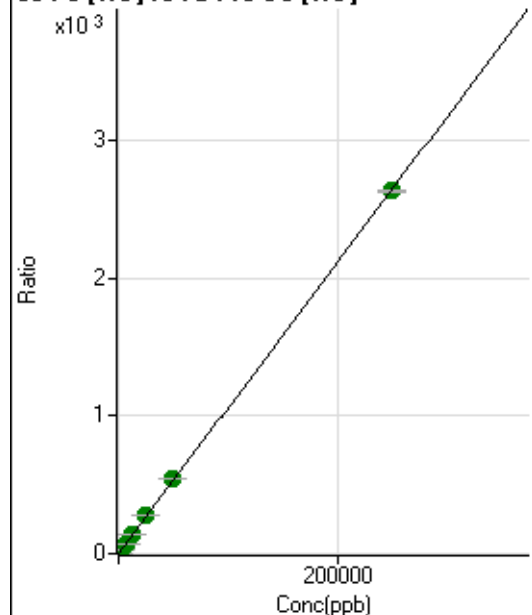
$$R = 1.0000$$

$$DL = 0.1214$$

$$BEC = 0.3481$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9597.86	0.0379	P	1.3
2	☐	5.000					
3	☐	50.000	52.395	141945.81	0.5913	P	1.4
4	☐	2500.000	2664.156	7073717.23	28.1777	A	1.2
5	☐	6250.000	6639.086	17635183.15	70.1622	A	0.8
6	☐	12500.000	13190.697	34474410.03	139.3626	A	0.3
7	☐	25000.000	26327.057	69753253.41	278.1134	A	0.7
8	☐	50000.000	51383.994	136237118.7	542.7734	A	0.8
9	☐	250000.00	249544.59	679860963.3	2,635.814	A	0.4

$$y = 0.0106 * x + 0.0379$$

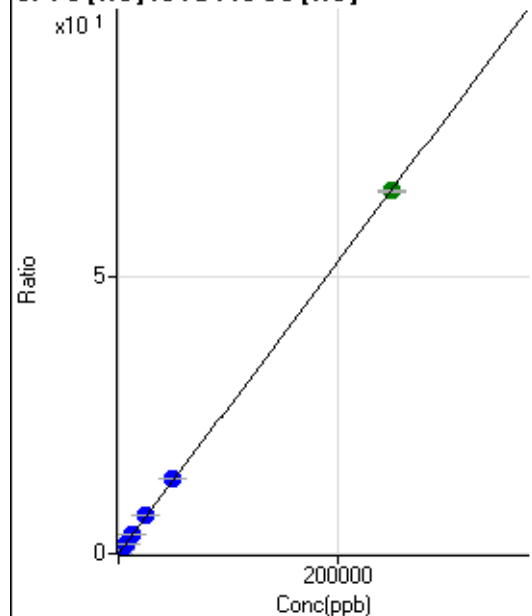
$$R = 1.0000$$

$$DL = 0.1376$$

$$BEC = 3.59$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.94	0.0011	P	13.3
2	☐	5.000					
3	☐	50.000	53.327	3628.33	0.0151	P	3.7
4	☐	2500.000	2670.533	176614.02	0.7035	P	0.8
5	☐	6250.000	6650.074	439926.87	1.7502	P	0.4
6	☐	12500.000	13165.869	856918.12	3.4641	P	0.3
7	☐	25000.000	26192.671	1728192.69	6.8905	P	0.3
8	☐	50000.000	51347.993	3390284.05	13.5071	P	0.5
9	☐	250000.00	249566.13	16931165.31	65.6440	A	0.6

$$y = 2.6303E-004 * x + 0.0011$$

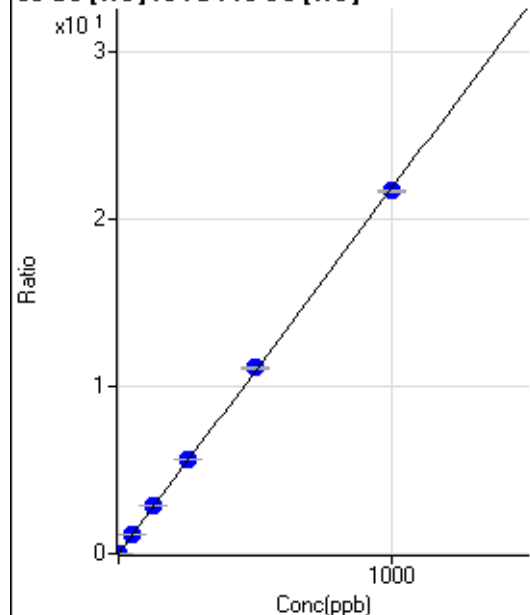
$$R = 1.0000$$

$$DL = 1.653$$

$$BEC = 4.143$$

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	228.89	0.0009	P	17.6
2	☐	0.100					
3	☐	1.000	0.953	5202.12	0.0217	P	0.6
4	☐	50.000	52.093	285072.29	1.1355	P	0.6
5	☐	125.000	129.486	709116.08	2.8212	P	0.4
6	☐	250.000	255.680	1377823.28	5.5698	P	0.1
7	☐	500.000	508.422	2777631.90	11.0748	P	0.4
8	☐	1000.000	993.704	5432710.47	21.6446	P	0.3
9	☐			7947.83	0.0308	P	3.3

$$y = 0.0218 * x + 9.0450E-004$$

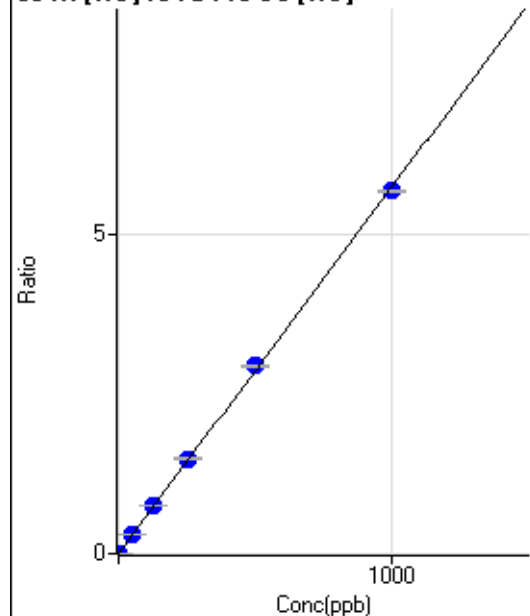
$$R = 0.9999$$

$$DL = 0.0219$$

$$BEC = 0.04153$$

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	357.79	0.0014	P	17.4
2	☐	0.100					
3	☐	1.000	1.005	1719.02	0.0072	P	3.2
4	☐	50.000	52.880	76303.88	0.3039	P	1.0
5	☐	125.000	131.248	189090.35	0.7523	P	0.8
6	☐	250.000	259.616	367769.47	1.4867	P	0.3
7	☐	500.000	511.970	734973.55	2.9304	P	0.6
8	☐	1000.000	990.686	1422960.85	5.6692	P	0.2
9	☐			22781.27	0.0883	P	1.0

$$y = 0.0057 * x + 0.0014$$

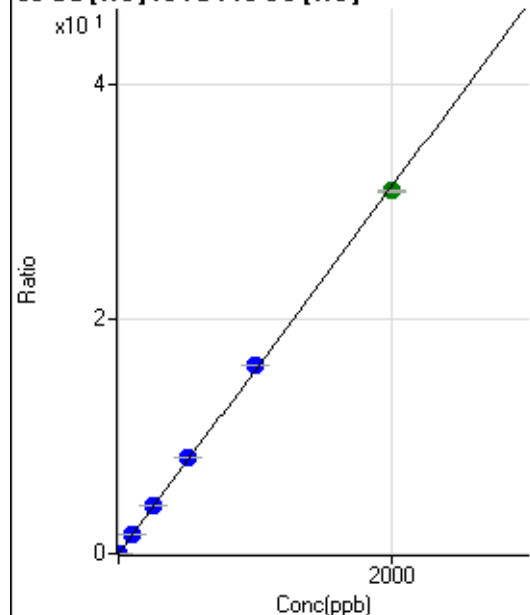
$$R = 0.9998$$

$$DL = 0.1286$$

$$BEC = 0.2471$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1418.98	0.0056	P	3.1
2	☐	0.200					
3	☐	2.000	2.213	9639.99	0.0402	P	2.4
4	☐	100.000	106.194	417594.55	1.6634	P	0.4
5	☐	250.000	264.624	1039766.86	4.1367	P	0.6
6	☐	500.000	521.883	2016787.68	8.1528	P	0.2
7	☐	1000.000	1028.721	4029288.79	16.0652	P	0.3
8	☐	2000.000	1978.031	7751952.59	30.8850	A	0.5
9	☐			17368.25	0.0673	P	2.2

$$y = 0.0156 * x + 0.0056$$

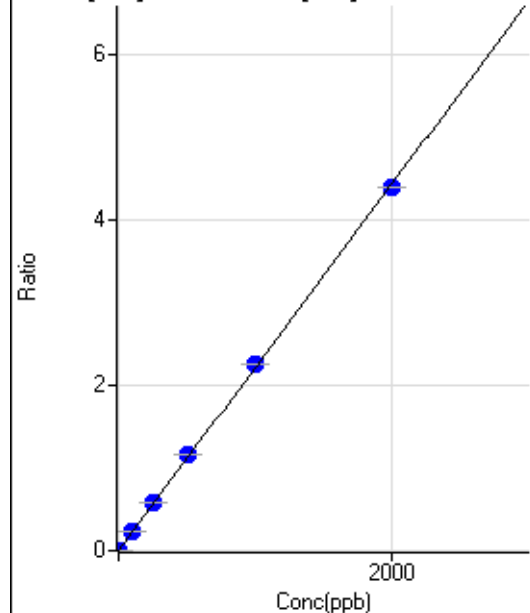
$$R = 0.9998$$

$$DL = 0.03335$$

$$BEC = 0.3592$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.56	0.0007	P	15.6
2	☐	0.200					
3	☐	2.000	2.478	1484.55	0.0062	P	3.4
4	☐	100.000	105.755	59004.13	0.2350	P	0.8
5	☐	250.000	263.428	146894.37	0.5844	P	0.4
6	☐	500.000	521.772	286177.16	1.1569	P	0.6
7	☐	1000.000	1022.596	568495.49	2.2666	P	0.1
8	☐	2000.000	1981.293	1102127.71	4.3910	P	0.2
9	☐			5204.35	0.0202	P	1.4

$$y = 0.0022 * x + 6.9322E-004$$

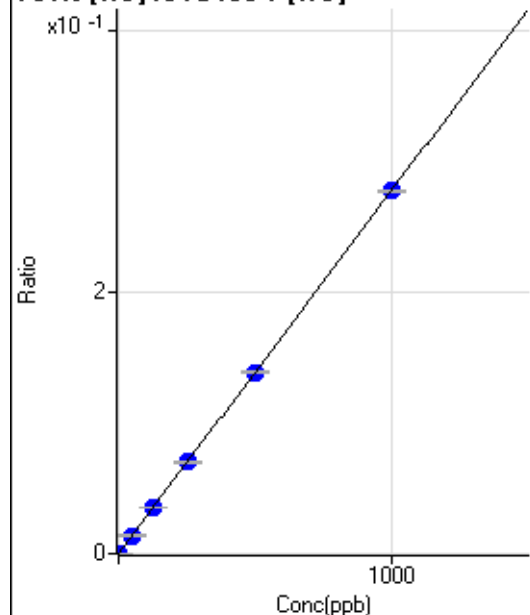
$$R = 0.9998$$

$$DL = 0.1463$$

$$BEC = 0.3128$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.52	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	1.005	409.89	0.0003	P	1.3
4	☐	50.000	49.721	20111.50	0.0138	P	2.7
5	☐	125.000	125.130	50803.81	0.0348	P	0.5
6	☐	250.000	251.859	100114.61	0.0699	P	1.2
7	☐	500.000	500.293	202826.18	0.1389	P	0.6
8	☐	1000.000	999.387	400172.02	0.2775	P	0.7
9	☐			393.22	0.0003	P	13.2

$$y = 2.7761\text{E-}004 * x + 1.2609\text{E-}005$$

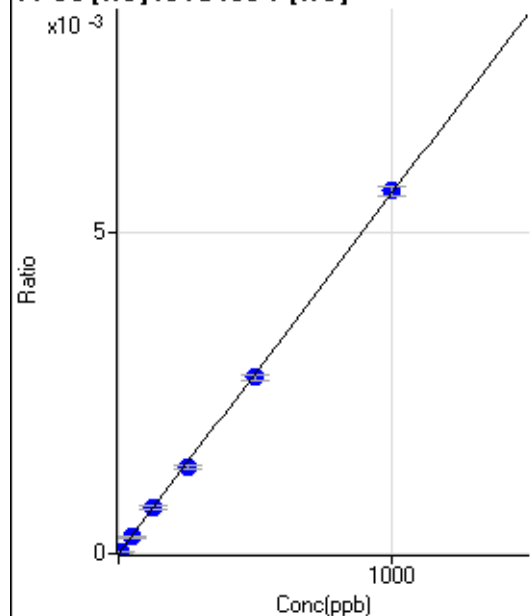
$$R = 1.0000$$

$$DL = 0.04871$$

$$BEC = 0.04542$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.090	42.22	0.0000	P	43.7
4	☐	50.000	46.832	384.46	0.0003	P	12.0
5	☐	125.000	127.268	1045.61	0.0007	P	8.2
6	☐	250.000	241.489	1941.28	0.0014	P	3.8
7	☐	500.000	488.619	4003.95	0.0027	P	2.3
8	☐	1000.000	1007.693	8153.53	0.0057	P	2.4
9	☐			5.55	0.0000	P	70.3

$$y = 5.6083\text{E-}006 * x + 1.5064\text{E-}006$$

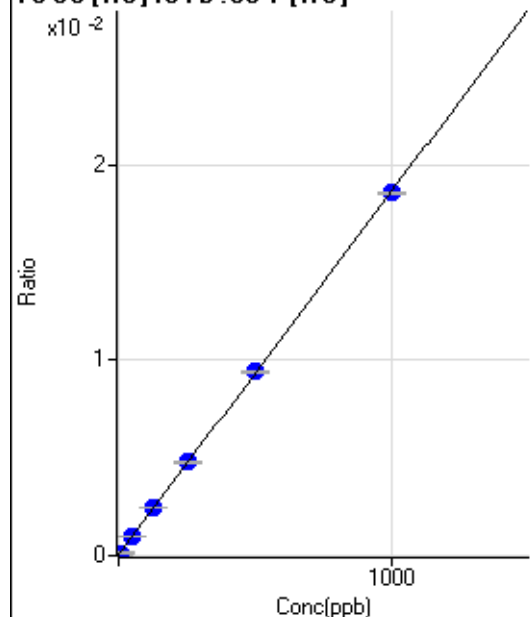
$$R = 0.9999$$

$$DL = 1.396$$

$$BEC = 0.2686$$

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	66.05	0.0000	P	22.9
2	☐	0.500					
3	☐	5.000	5.276	201.24	0.0001	P	9.8
4	☐	50.000	50.286	1427.24	0.0010	P	5.8
5	☐	125.000	128.762	3567.76	0.0024	P	0.1
6	☐	250.000	254.310	6837.48	0.0048	P	1.6
7	☐	500.000	504.531	13770.82	0.0094	P	0.7
8	☐	1000.000	996.171	26792.70	0.0186	P	0.4
9	☐			108.64	0.0001	P	15.8

$$y = 1.8603\text{E-}005 * x + 4.5024\text{E-}005$$

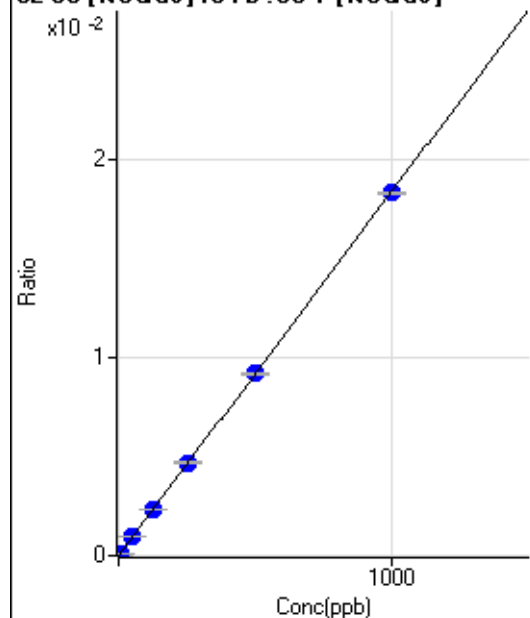
$$R = 1.0000$$

$$DL = 1.661$$

$$BEC = 2.42$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.68	0.0000	P	60.4
2	☐	0.500					
3	☐	5.000	4.493	911.67	0.0001	P	10.4
4	☐	50.000	51.010	9990.61	0.0009	P	1.3
5	☐	125.000	128.079	25203.60	0.0024	P	1.0
6	☐	250.000	255.512	49037.61	0.0047	P	1.7
7	☐	500.000	501.950	97758.42	0.0092	P	1.1
8	☐	1000.000	997.214	189703.17	0.0183	P	0.4
9	☐			144.40	0.0000	P	54.3

$$y = 1.8329\text{E-}005 * x + 3.3222\text{E-}006$$

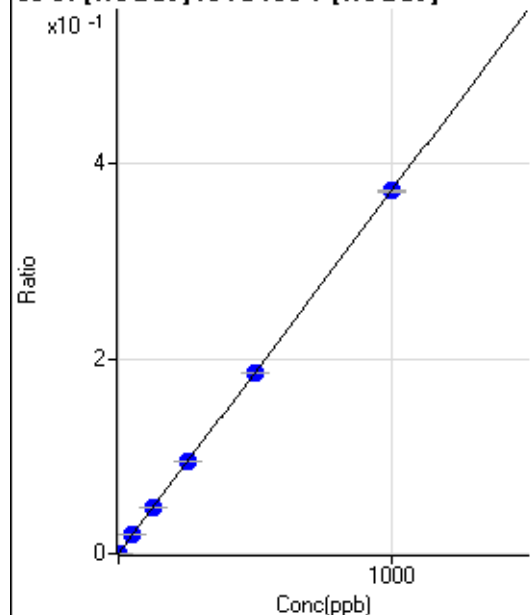
$$R = 1.0000$$

$$DL = 0.3284$$

$$BEC = 0.1812$$

Weight: <None>

Min Conc: 0

86 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2469.77	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	0.911	6118.25	0.0006	P	5.2
4	☐	50.000	50.140	200960.87	0.0189	P	1.0
5	☐	125.000	125.791	503782.29	0.0470	P	0.3
6	☐	250.000	252.204	983350.51	0.0940	P	0.1
7	☐	500.000	499.157	1973179.10	0.1858	P	0.4
8	☐	1000.000	999.765	3858588.85	0.3718	P	0.4
9	☐			125771.09	0.0126	P	0.1

$$y = 3.7169\text{E-}004 * x + 2.3616\text{E-}004$$

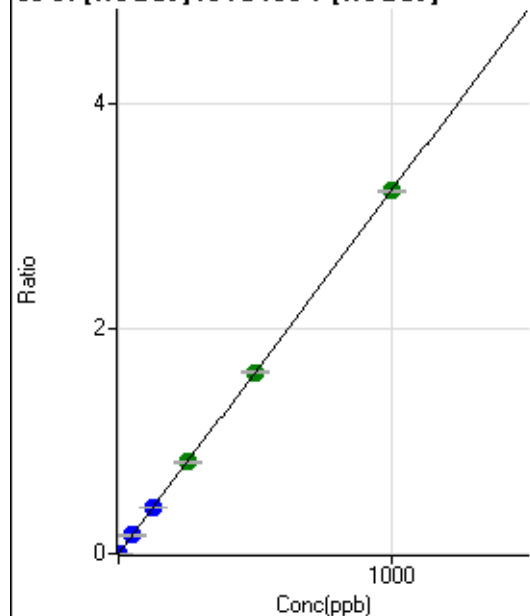
$$R = 1.0000$$

$$DL = 0.1465$$

$$BEC = 0.6354$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.37	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	0.912	31886.56	0.0030	P	2.3
4	☐	50.000	50.466	1733666.51	0.1628	P	1.0
5	☐	125.000	127.039	4393212.86	0.4098	P	0.2
6	☐	250.000	251.875	8500553.49	0.8124	A	0.6
7	☐	500.000	499.475	17111118.79	1.6110	A	0.9
8	☐	1000.000	999.515	33451187.55	3.2237	A	0.5
9	☐			1080303.91	0.1082	P	0.6

$$y = 0.0032 * x + 5.5777\text{E-}005$$

$$R = 1.0000$$

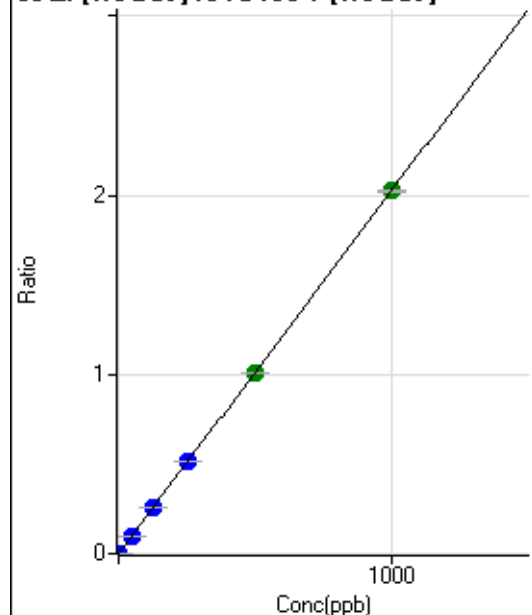
$$DL = 0.002985$$

$$BEC = 0.01729$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	661.16	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	0.827	18493.19	0.0017	P	0.2
4	☐	50.000	49.316	1064290.44	0.1000	P	0.3
5	☐	125.000	124.685	2708111.69	0.2526	P	0.3
6	☐	250.000	252.816	5358660.32	0.5121	P	0.5
7	☐	500.000	499.354	10743692.95	1.0115	A	0.5
8	☐	1000.000	999.693	21012165.05	2.0249	A	0.2
9	☐			5951.53	0.0006	P	4.6

$$y = 0.0020 * x + 6.3216E-005$$

$$R = 1.0000$$

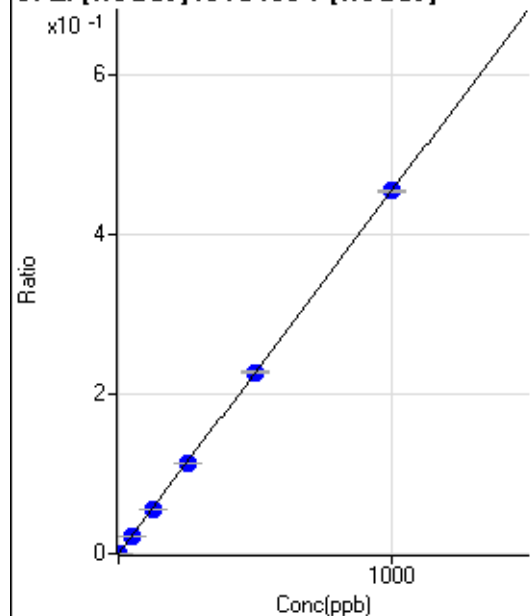
$$DL = 0.006195$$

$$BEC = 0.03121$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	0.835	4178.56	0.0004	P	4.4
4	☐	50.000	49.178	238198.28	0.0224	P	0.8
5	☐	125.000	124.399	606363.81	0.0566	P	0.2
6	☐	250.000	249.735	1187962.80	0.1135	P	0.5
7	☐	500.000	499.399	2411348.62	0.2270	P	0.8
8	☐	1000.000	1000.483	4719323.15	0.4548	P	0.2
9	☐			1350.13	0.0001	P	11.1

$$y = 4.5457E-004 * x + 1.3010E-005$$

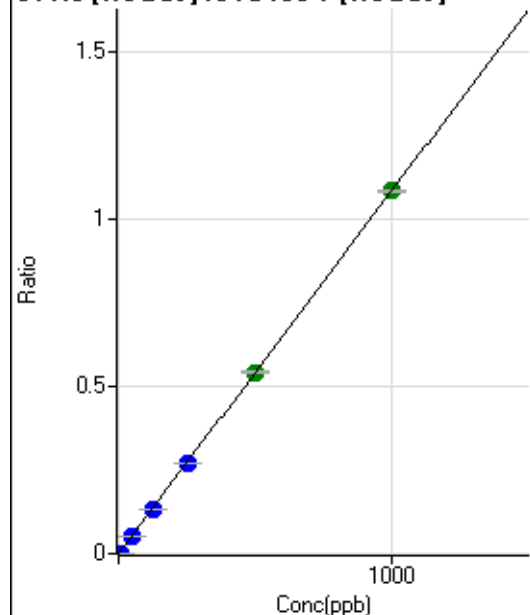
$$R = 1.0000$$

$$DL = 0.01572$$

$$BEC = 0.02862$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.57	0.0000	P	18.0
2	☐	0.500					
3	☐	5.000	1.930	22557.53	0.0021	P	3.4
4	☐	50.000	48.591	560112.45	0.0526	P	1.6
5	☐	125.000	122.621	1422399.93	0.1327	P	0.4
6	☐	250.000	248.175	2809439.93	0.2685	P	0.4
7	☐	500.000	500.477	5750874.35	0.5414	A	0.6
8	☐	1000.000	1000.601	11232240.44	1.0824	A	0.2
9	☐			19146.94	0.0019	P	2.0

$$y = 0.0011 * x + 3.1613E-005$$

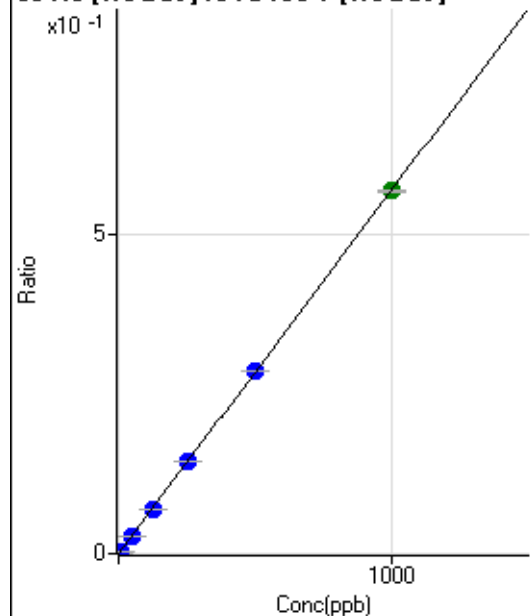
$$R = 1.0000$$

$$DL = 0.01575$$

$$BEC = 0.02922$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	4.409	26873.29	0.0025	P	0.8
4	☐	50.000	49.886	302756.92	0.0284	P	0.9
5	☐	125.000	124.152	758349.46	0.0707	P	0.2
6	☐	250.000	252.172	1503230.89	0.1437	P	0.1
7	☐	500.000	502.604	3041216.54	0.2863	P	0.6
8	☐	1000.000	998.270	5901189.37	0.5687	A	0.5
9	☐			29996.42	0.0030	P	1.8

$$y = 5.6965E-004 * x + 1.3562E-005$$

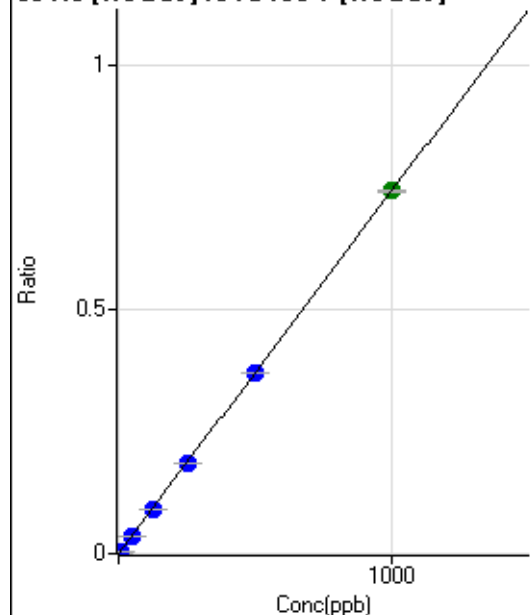
$$R = 1.0000$$

$$DL = 0.02366$$

$$BEC = 0.02381$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD : 89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	12.8
2	☐	0.500					
3	☐	5.000	3.861	30670.03	0.0029	P	1.1
4	☐	50.000	49.356	389522.78	0.0366	P	0.2
5	☐	125.000	123.387	980015.66	0.0914	P	1.0
6	☐	250.000	250.122	1938772.94	0.1853	P	0.6
7	☐	500.000	498.605	3923045.35	0.3693	P	0.6
8	☐	1000.000	1000.906	7693168.14	0.7414	A	0.8
9	☐			36283.21	0.0036	P	1.3

$$y = 7.4071\text{E-}004 * x + 2.1782\text{E-}005$$

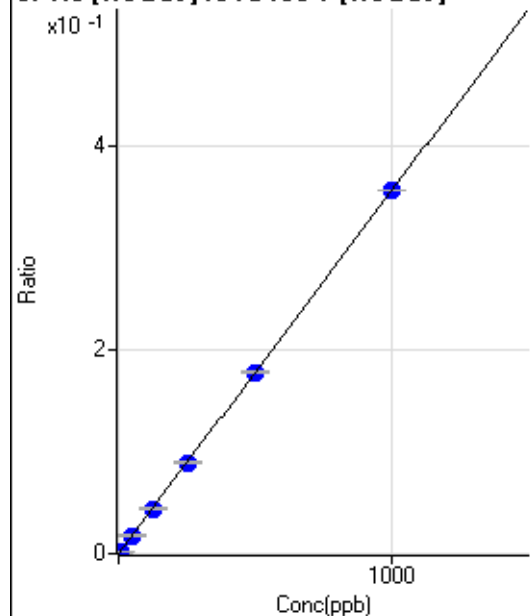
$$R = 1.0000$$

$$DL = 0.01131$$

$$BEC = 0.02941$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	12.0
2	☐	0.500					
3	☐	5.000	4.376	16735.49	0.0016	P	3.4
4	☐	50.000	50.155	190577.34	0.0179	P	1.5
5	☐	125.000	124.421	475839.32	0.0444	P	0.6
6	☐	250.000	251.590	938979.07	0.0897	P	0.4
7	☐	500.000	498.938	1890160.42	0.1780	P	0.8
8	☐	1000.000	1000.201	3701654.81	0.3567	P	0.2
9	☐			18537.78	0.0019	P	2.9

$$y = 3.5664\text{E-}004 * x + 1.1958\text{E-}005$$

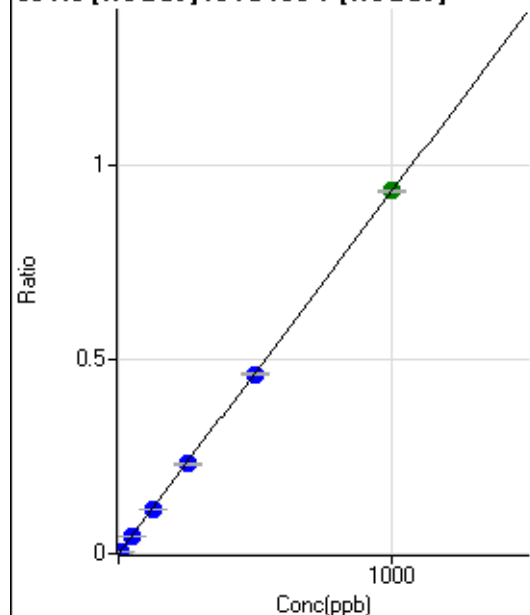
$$R = 1.0000$$

$$DL = 0.01203$$

$$BEC = 0.03353$$

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	219.46	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	4.366	43562.07	0.0041	P	0.5
4	☐	50.000	49.066	487469.93	0.0458	P	1.5
5	☐	125.000	123.284	1232927.44	0.1150	P	0.7
6	☐	250.000	247.487	2415466.76	0.2308	P	0.8
7	☐	500.000	496.690	4920735.61	0.4633	P	0.8
8	☐	1000.000	1002.548	9702995.18	0.9351	A	0.7
9	☐			47251.74	0.0047	P	1.6

$$y = 9.3269\text{E-}004 * x + 2.0986\text{E-}005$$

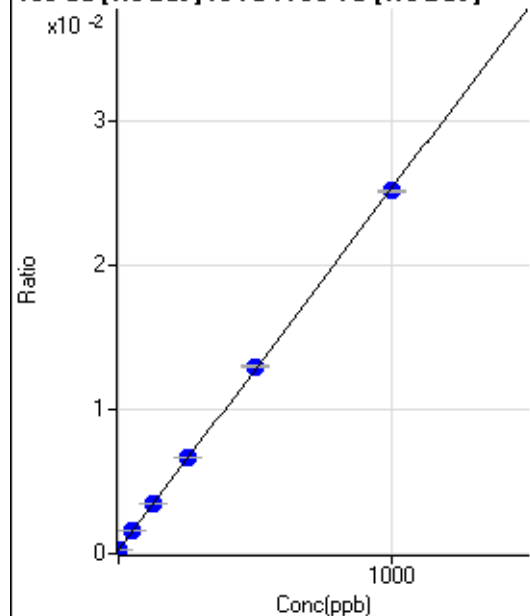
$$R = 1.0000$$

$$DL = 0.01569$$

$$BEC = 0.0225$$

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	3717.33	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	1.461	4236.94	0.0003	P	3.1
4	☐	50.000	53.111	22496.54	0.0016	P	2.3
5	☐	125.000	130.003	49827.70	0.0035	P	0.7
6	☐	250.000	256.288	93108.48	0.0067	P	0.9
7	☐	500.000	506.940	182610.17	0.0130	P	1.1
8	☐	1000.000	994.177	347635.55	0.0252	P	0.6
9	☐			3747.88	0.0003	P	1.2

$$y = 2.5086\text{E-}005 * x + 2.6747\text{E-}004$$

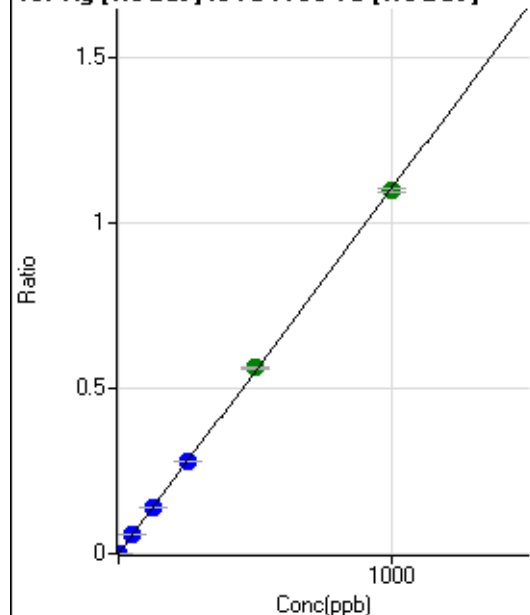
$$R = 0.9999$$

$$DL = 1.561$$

$$BEC = 10.66$$

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	213.90	0.0000	P	29.5
2	☐	0.100					
3	☐	1.000	1.236	19238.79	0.0014	P	2.3
4	☐	50.000	51.201	795480.49	0.0566	P	1.3
5	☐	125.000	128.016	1996568.17	0.1414	P	1.1
6	☐	250.000	253.744	3896796.36	0.2803	P	0.4
7	☐	500.000	508.706	7901247.31	0.5619	A	1.9
8	☐	1000.000	994.274	15144689.40	1.0981	A	1.0
9	☐			2678.15	0.0002	P	12.1

$$y = 0.0011 * x + 1.5382E-005$$

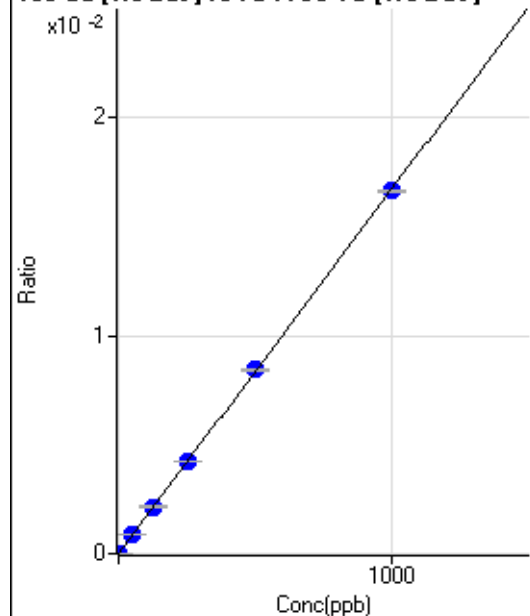
$$R = 0.9999$$

$$DL = 0.01232$$

$$BEC = 0.01393$$

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	19.44	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.871	222.23	0.0000	P	2.1
4	☐	50.000	52.113	12266.64	0.0009	P	0.4
5	☐	125.000	128.671	30374.45	0.0022	P	2.3
6	☐	250.000	255.188	59305.84	0.0043	P	0.4
7	☐	500.000	504.296	118522.00	0.0084	P	1.5
8	☐	1000.000	995.990	229532.57	0.0166	P	0.6
9	☐			66.67	0.0000	P	33.3

$$y = 1.6709E-005 * x + 1.3998E-006$$

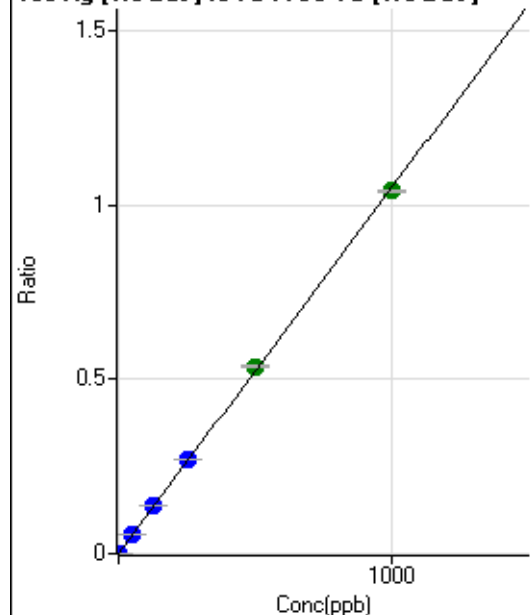
$$R = 1.0000$$

$$DL = 0.08285$$

$$BEC = 0.08377$$

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	125.01	0.0000	P	6.6
2	☐	0.100					
3	☐	1.000	1.254	18448.82	0.0013	P	2.1
4	☐	50.000	52.067	768200.08	0.0546	P	1.7
5	☐	125.000	129.599	1919707.94	0.1360	P	1.1
6	☐	250.000	256.934	3747564.15	0.2695	P	0.8
7	☐	500.000	510.708	7534650.43	0.5357	A	1.0
8	☐	1000.000	992.234	14354838.00	1.0409	A	0.6
9	☐			2653.14	0.0002	P	9.5

$$y = 0.0010 * x + 8.9935E-006$$

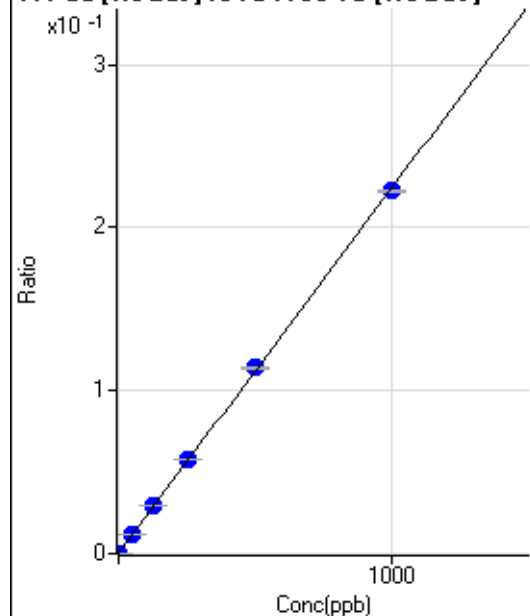
$$R = 0.9999$$

$$DL = 0.001701$$

$$BEC = 0.008573$$

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	2617.68	0.0002	P	5.0
2	☐	0.100					
3	☐	1.000	0.950	5588.41	0.0004	P	1.4
4	☐	50.000	52.347	167471.58	0.0119	P	1.4
5	☐	125.000	130.393	414869.44	0.0294	P	1.1
6	☐	250.000	257.662	804727.24	0.0579	P	0.7
7	☐	500.000	508.402	1603443.66	0.1140	P	1.5
8	☐	1000.000	993.092	3069048.90	0.2225	P	0.5
9	☐			3456.06	0.0003	P	0.8

$$y = 2.2390E-004 * x + 1.8835E-004$$

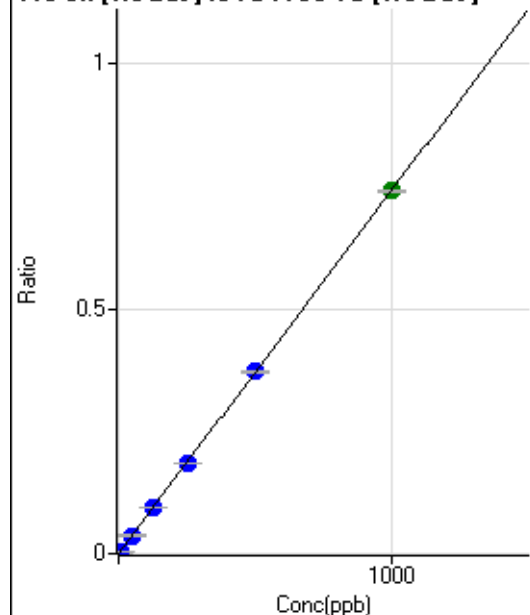
$$R = 0.9999$$

$$DL = 0.1256$$

$$BEC = 0.8412$$

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	855.62	0.0001	P	10.0
2	☐	0.500					
3	☐	5.000	4.587	48203.23	0.0035	P	0.9
4	☐	50.000	50.206	523933.81	0.0373	P	1.2
5	☐	125.000	125.793	1316674.77	0.0933	P	1.4
6	☐	250.000	250.284	2578902.29	0.1855	P	0.6
7	☐	500.000	500.738	5218217.91	0.3710	P	0.7
8	☐	1000.000	999.453	10212165.85	0.7405	A	0.4
9	☐			10501.65	0.0008	P	2.4

$$y = 7.4084\text{E-}004 * x + 6.1547\text{E-}005$$

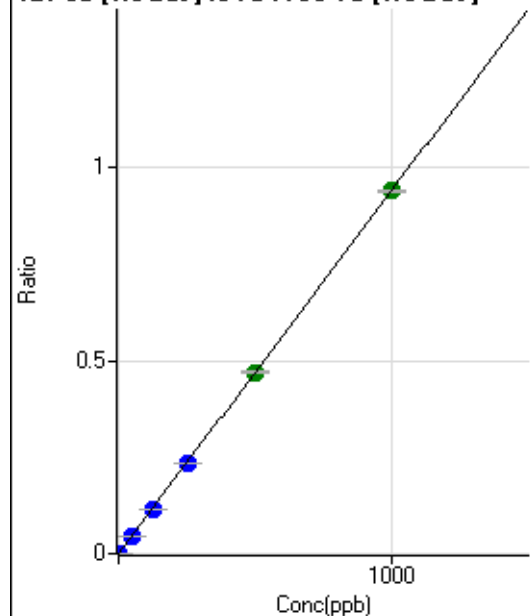
$$R = 1.0000$$

$$DL = 0.02481$$

$$BEC = 0.08308$$

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	244.46	0.0000	P	37.8
2	☐	0.200					
3	☐	2.000	1.854	24516.77	0.0018	P	0.7
4	☐	50.000	48.298	638518.79	0.0454	P	0.1
5	☐	125.000	123.941	1644521.58	0.1165	P	0.6
6	☐	250.000	250.159	3268222.36	0.2351	P	0.6
7	☐	500.000	500.630	6615697.37	0.4704	A	0.7
8	☐	1000.000	999.863	12956084.75	0.9395	A	0.7
9	☐			49123.30	0.0037	P	4.4

$$y = 9.3956\text{E-}004 * x + 1.7597\text{E-}005$$

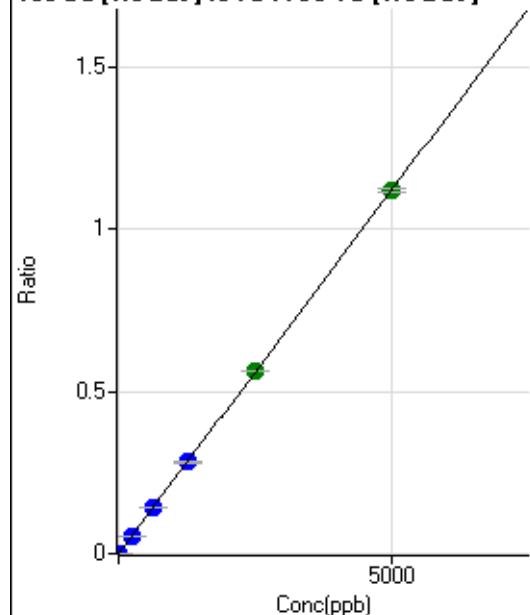
$$R = 1.0000$$

$$DL = 0.02123$$

$$BEC = 0.01873$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	30.8
2	☐	1.000					
3	☐	10.000	8.978	28095.89	0.0020	P	1.7
4	☐	250.000	249.776	786138.39	0.0559	P	1.0
5	☐	625.000	628.089	1984555.19	0.1405	P	0.3
6	☐	1250.000	1259.007	3917062.85	0.2817	P	0.5
7	☐	2500.000	2511.649	7904581.25	0.5620	A	0.2
8	☐	5000.000	4991.551	15403504.34	1.1169	A	1.0
9	☐			6499.05	0.0005	P	3.5

$$y = 2.2376E-004 * x + 7.7936E-006$$

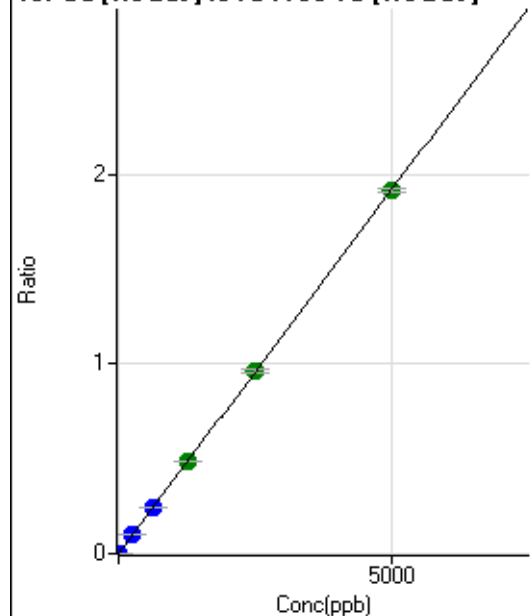
$$R = 1.0000$$

$$DL = 0.03214$$

$$BEC = 0.03483$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	10.7
2	☐	1.000					
3	☐	10.000	9.291	49887.86	0.0036	P	2.5
4	☐	250.000	255.242	1378106.03	0.0980	P	1.3
5	☐	625.000	642.449	3482392.66	0.2466	P	0.7
6	☐	1250.000	1265.554	6754721.68	0.4858	A	0.9
7	☐	2500.000	2512.716	13565087.63	0.9646	A	1.4
8	☐	5000.000	4987.312	26403192.26	1.9145	A	0.9
9	☐			12242.01	0.0009	P	3.5

$$y = 3.8387E-004 * x + 1.4387E-005$$

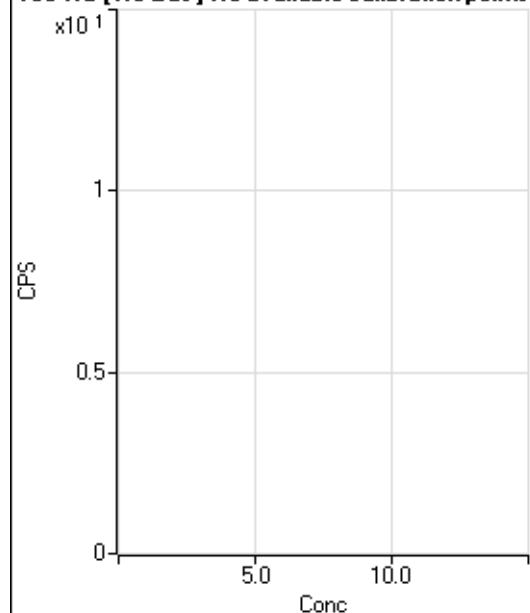
$$R = 1.0000$$

$$DL = 0.01206$$

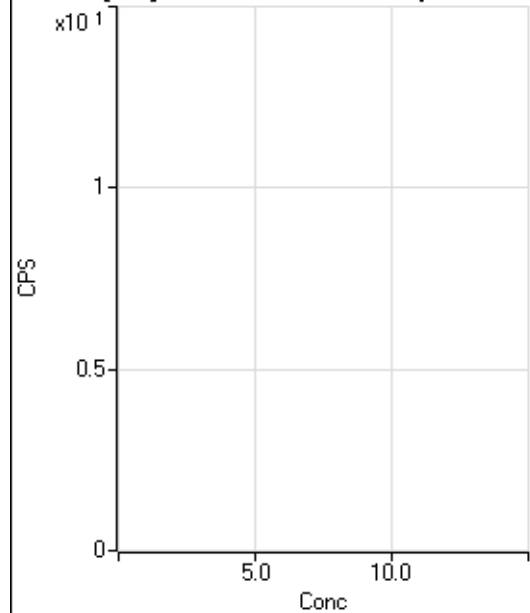
$$BEC = 0.03748$$

Weight: <None>

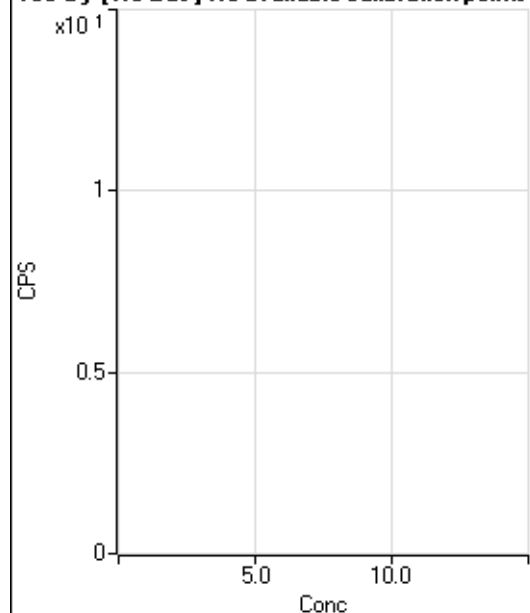
Min Conc: 0

150 Nd [No Gas] No available calibration points

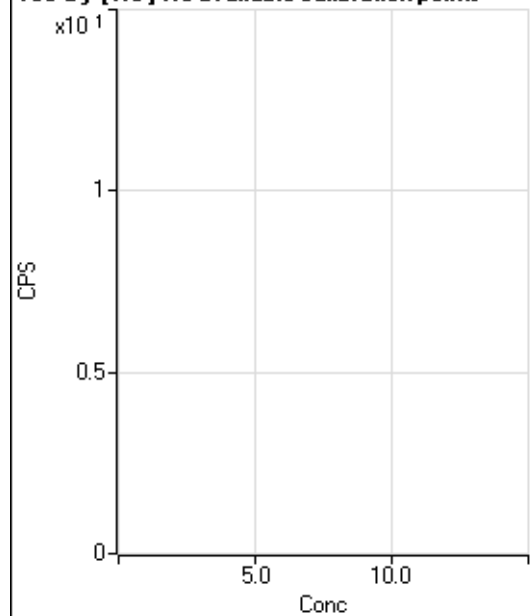
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			22.22		P	148.
4	☐			55.56		P	48.5
5	☐			168.90		P	21.7
6	☐			271.13		P	7.5
7	☐			551.14		P	16.5
8	☐			1111.20		P	5.1
9	☐			173.34		P	6.7

150 Nd [He] No available calibration points

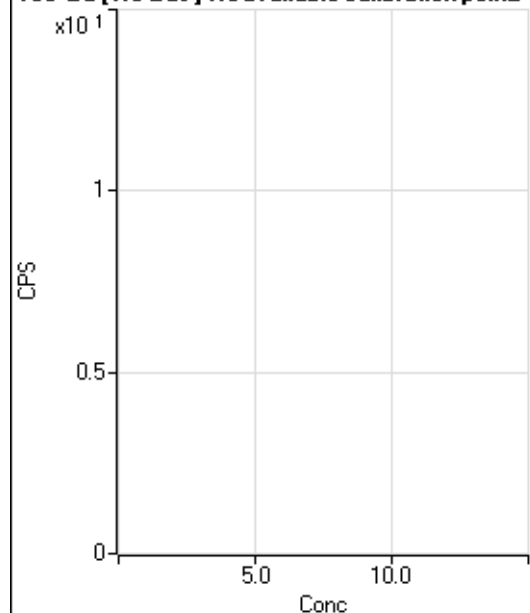
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			1.11		P	173.
4	☐			4.45		P	86.6
5	☐			18.89		P	53.9
6	☐			34.44		P	27.9
7	☐			61.11		P	22.7
8	☐			91.11		P	28.4
9	☐			44.45		P	30.3

156 Dy [No Gas] No available calibration points

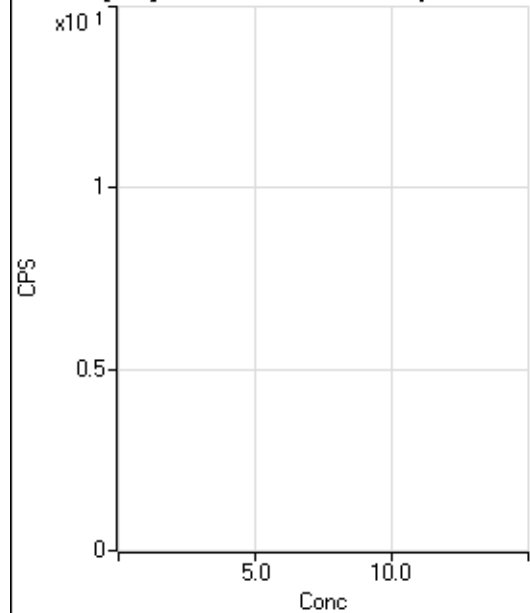
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	6.7
2	☐						
3	☐			41.67		P	34.7
4	☐			111.12		P	78.8
5	☐			127.79		P	32.8
6	☐			122.23		P	21.9
7	☐			219.46		P	14.4
8	☐			308.36		P	9.7
9	☐			233.34		P	6.2

156 Dy [He] No available calibration points

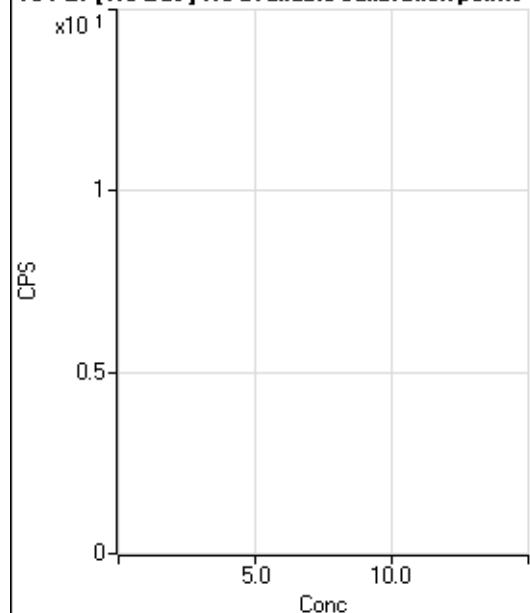
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			6.67		P	50.0
4	☐			12.22		P	56.8
5	☐			21.11		P	32.9
6	☐			25.55		P	15.1
7	☐			68.89		P	20.1
8	☐			101.11		P	23.4
9	☐			80.00		P	22.0

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

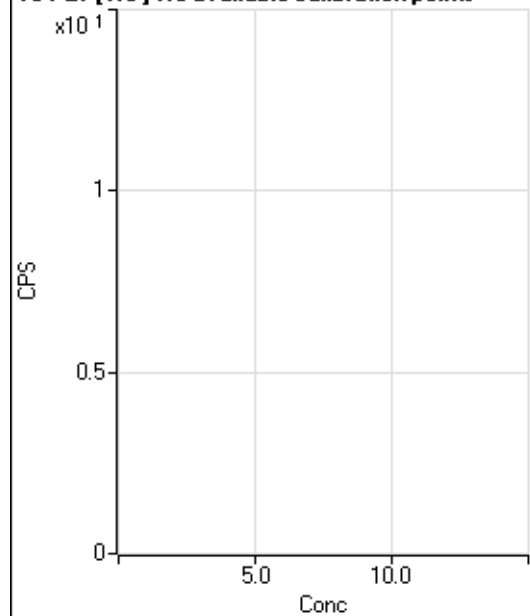
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	14.8
2	☐						
3	☐			83.34		P	20.0
4	☐			105.56		P	18.2
5	☐			88.89		P	35.5
6	☐			88.89		P	44.3
7	☐			158.34		P	15.8
8	☐			202.79		P	11.9
9	☐			197.23		P	2.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.55		P	34.6
2	☐						
3	☐			52.22		P	24.2
4	☐			64.44		P	13.0
5	☐			80.00		P	28.9
6	☐			63.33		P	27.9
7	☐			81.11		P	35.0
8	☐			128.89		P	8.3
9	☐			141.11		P	21.3

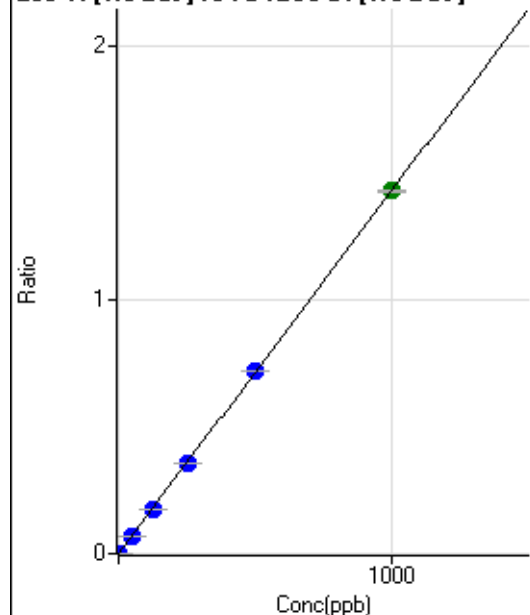
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	45.8
2	☐						
3	☐			83.34		P	60.8
4	☐			58.34		P	14.3
5	☐			66.67		P	33.1
6	☐			47.22		P	27.0
7	☐			83.34		P	10.0
8	☐			80.56		P	51.0
9	☐			97.23		P	4.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐						
3	☐			35.56		P	14.3
4	☐			13.33		P	50.0
5	☐			26.67		P	25.0
6	☐			31.11		P	53.9
7	☐			30.00		P	29.4
8	☐			27.78		P	18.3
9	☐			42.22		P	18.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0000	P	19.9
2	☐	0.100					
3	☐	1.000	0.910	12559.16	0.0013	P	0.4
4	☐	50.000	49.421	665224.57	0.0705	P	0.1
5	☐	125.000	122.673	1656693.30	0.1751	P	0.1
6	☐	250.000	248.754	3263623.83	0.3550	P	0.9
7	☐	500.000	501.247	6615504.97	0.7152	P	0.0
8	☐	1000.000	1000.008	12657579.53	1.4269	A	0.7
9	☐			6571.34	0.0008	P	5.4

$$y = 0.0014 * x + 2.6861E-005$$

$$R = 1.0000$$

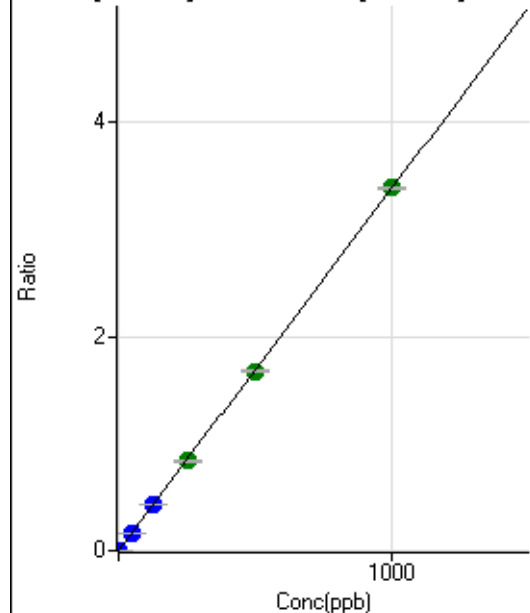
$$DL = 0.01125$$

$$BEC = 0.01883$$

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	547.26	0.0001	P	10.4
2	☐	0.100					
3	☐	1.000	0.908	29636.91	0.0031	P	0.9
4	☐	50.000	49.865	1591221.60	0.1687	P	0.4
5	☐	125.000	125.223	4009368.53	0.4237	P	0.3
6	☐	250.000	247.948	7712503.04	0.8388	A	0.8
7	☐	500.000	496.185	15526094.27	1.6785	A	0.3
8	☐	1000.000	1002.400	30081031.92	3.3909	A	0.6
9	☐			15276.11	0.0019	P	10.0

$$y = 0.0034 * x + 5.8134E-005$$

$$R = 1.0000$$

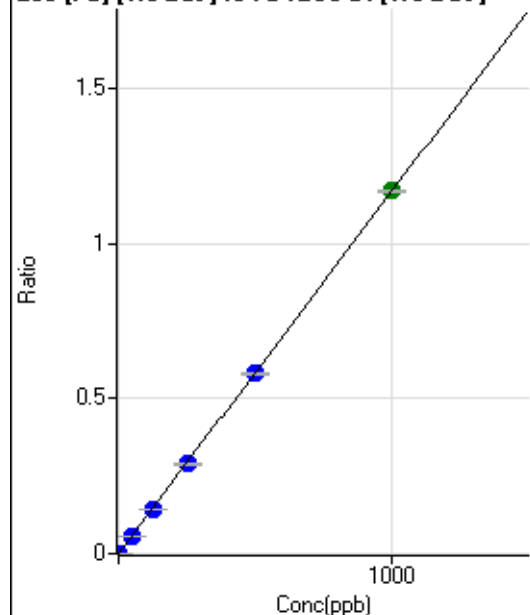
$$DL = 0.005378$$

$$BEC = 0.01719$$

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	1807.58	0.0002	P	7.4
2	☐	0.100					
3	☐	1.000	0.968	12530.31	0.0013	P	4.1
4	☐	50.000	49.239	544414.38	0.0577	P	0.4
5	☐	125.000	121.774	1348476.19	0.1425	P	0.4
6	☐	250.000	247.689	2662963.83	0.2896	P	1.1
7	☐	500.000	497.149	5375249.83	0.5811	P	0.3
8	☐	1000.000	1002.445	10393193.06	1.1716	A	0.7
9	☐			21987.16	0.0028	P	1.3

$$y = 0.0012 * x + 1.9193E-004$$

$$R = 1.0000$$

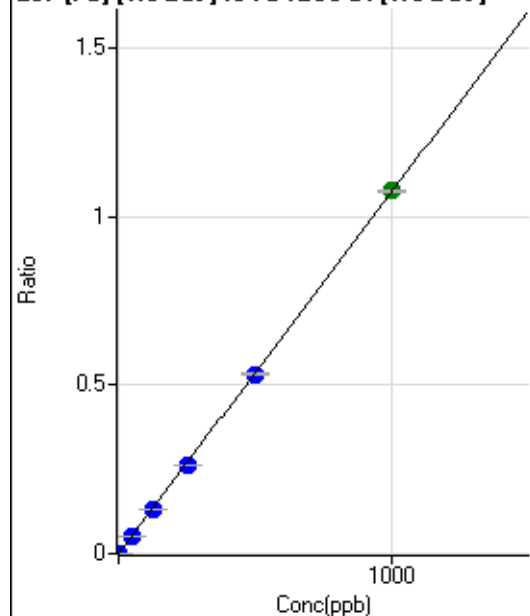
$$DL = 0.03649$$

$$BEC = 0.1643$$

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	1570.50	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.965	11395.93	0.0012	P	3.0
4	☐	50.000	48.940	497263.26	0.0527	P	0.3
5	☐	125.000	121.432	1235847.27	0.1306	P	0.2
6	☐	250.000	245.369	2424546.47	0.2637	P	1.5
7	☐	500.000	496.327	4932267.53	0.5332	P	0.4
8	☐	1000.000	1003.493	9562558.89	1.0780	A	0.6
9	☐			19307.09	0.0025	P	0.5

$$y = 0.0011 * x + 1.6676E-004$$

$$R = 1.0000$$

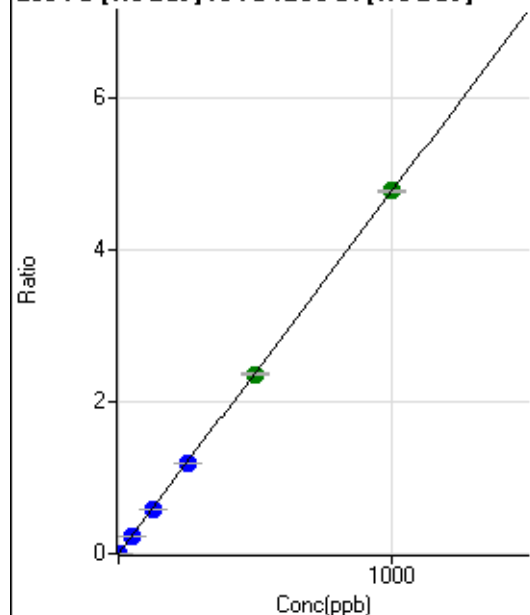
$$DL = 0.01033$$

$$BEC = 0.1553$$

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	7438.08	0.0008	P	1.8
2	☐	0.100					
3	☐	1.000	0.977	51627.89	0.0055	P	2.5
4	☐	50.000	49.437	2231417.63	0.2366	P	0.2
5	☐	125.000	123.170	5567962.93	0.5884	P	0.2
6	☐	250.000	249.433	10947567.43	1.1907	P	1.3
7	☐	500.000	496.139	21898973.52	2.3676	A	0.5
8	☐	1000.000	1002.329	42423748.75	4.7823	A	0.4
9	☐			87619.76	0.0111	P	0.7

$$y = 0.0048 * x + 7.8983E-004$$

$$R = 1.0000$$

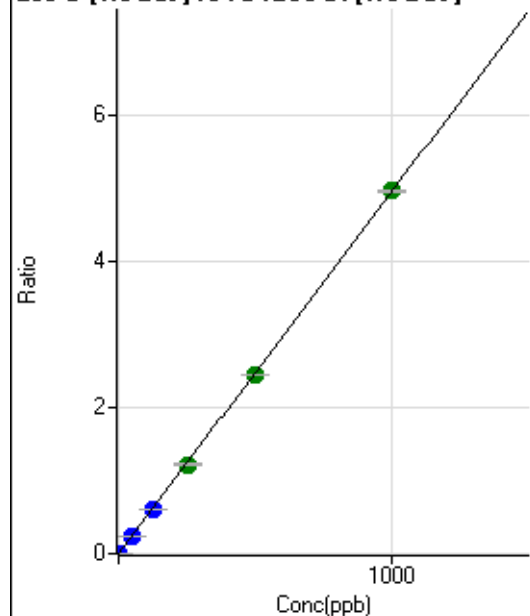
$$DL = 0.008809$$

$$BEC = 0.1656$$

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	311.13	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	0.905	42787.94	0.0045	P	1.1
4	☐	50.000	48.935	2286458.34	0.2425	P	0.3
5	☐	125.000	124.343	5829764.11	0.6160	P	0.7
6	☐	250.000	246.916	11247440.44	1.2233	A	0.8
7	☐	500.000	495.104	22687314.05	2.4528	A	0.3
8	☐	1000.000	1003.354	44094765.22	4.9707	A	0.5
9	☐			6243.49	0.0008	P	11.9

$$y = 0.0050 * x + 3.3029E-005$$

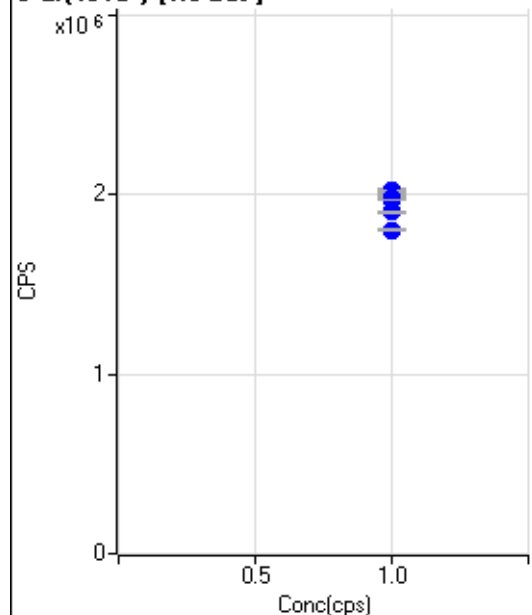
$$R = 1.0000$$

$$DL = 0.002704$$

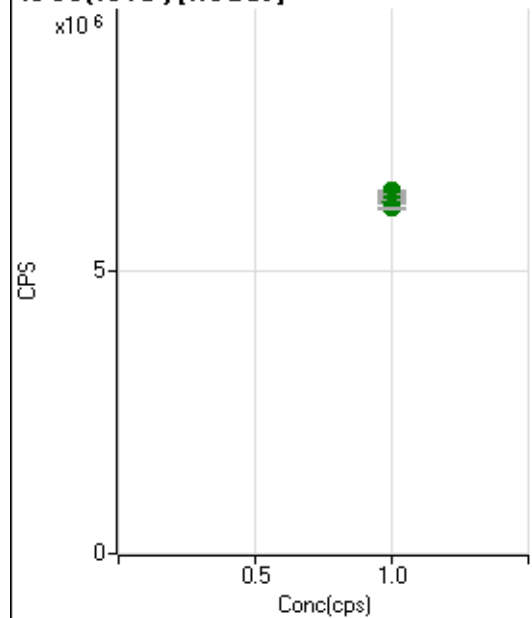
$$BEC = 0.006667$$

Weight: <None>

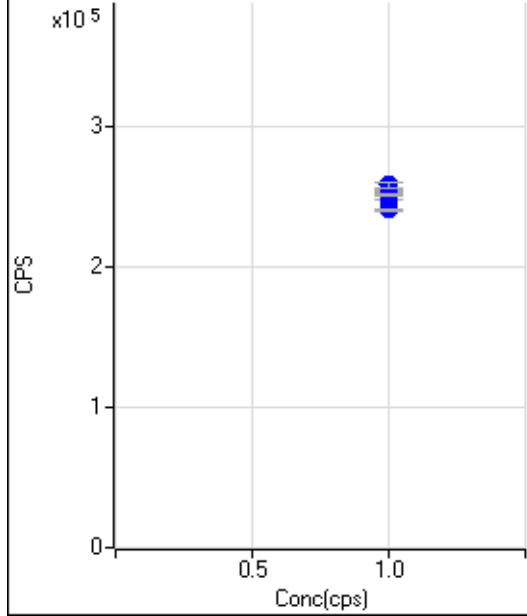
Min Conc: 0

6 Li(ISTD) [No Gas]

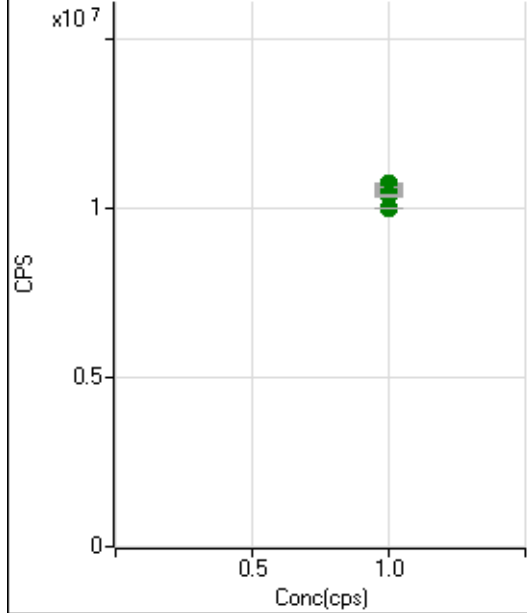
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2014898.86		P	0.3
2	☐	1.000					
3	☐	1.000		1986056.84		P	0.7
4	☐	1.000		2019060.02		P	1.2
5	☐	1.000		2020718.39		P	0.2
6	☐	1.000		1982099.41		P	0.3
7	☐	1.000		1972990.72		P	0.2
8	☐	1.000		1902508.93		P	0.6
9	☐	1.000		1802766.64		P	0.8

45 Sc(ISTD) [No Gas]

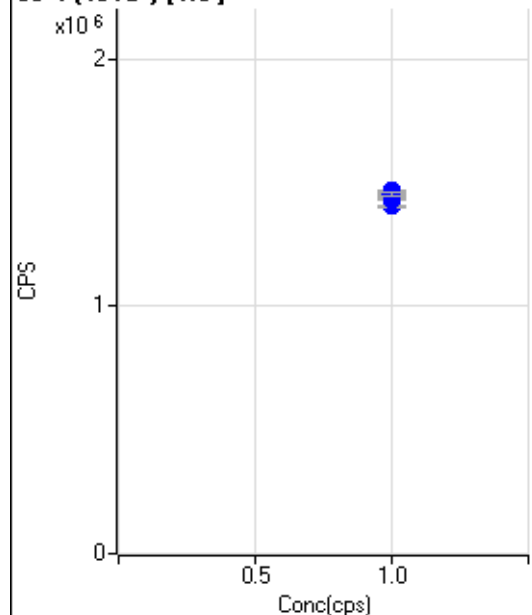
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6279249.45		A	0.5
2	☐	1.000					
3	☐	1.000		6314717.28		A	0.2
4	☐	1.000		6363350.88		A	0.9
5	☐	1.000		6412448.71		A	0.2
6	☐	1.000		6241332.78		A	0.7
7	☐	1.000		6356579.44		A	0.3
8	☐	1.000		6225734.34		A	0.9
9	☐	1.000		6112379.82		A	0.4

45 Sc(ISTD) [He]

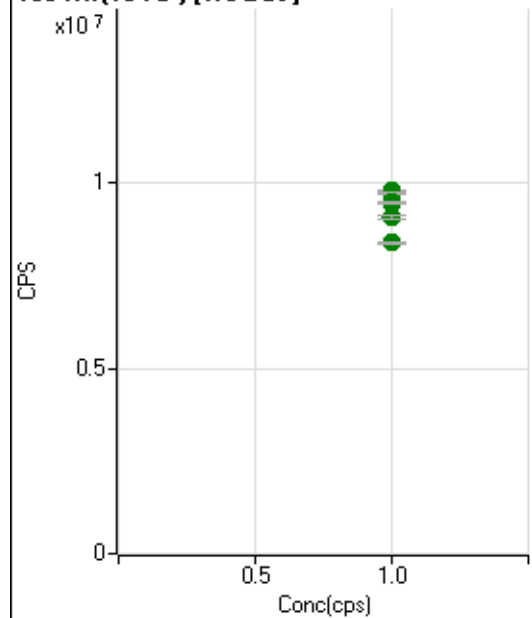
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		253110.09		P	0.7
2	☐	1.000					
3	☐	1.000		240043.08		P	0.4
4	☐	1.000		251048.74		P	0.4
5	☐	1.000		251354.90		P	0.5
6	☐	1.000		247372.44		P	0.1
7	☐	1.000		250811.09		P	0.6
8	☐	1.000		251000.33		P	0.9
9	☐	1.000		257938.95		P	1.5

89 Y(ISTD) [No Gas]

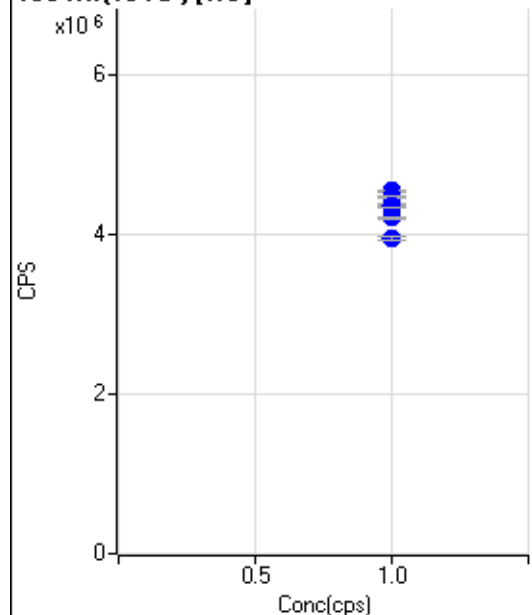
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10457270.75		A	0.5
2	☐	1.000					
3	☐	1.000		10642182.62		A	0.4
4	☐	1.000		10648453.59		A	1.3
5	☐	1.000		10720695.53		A	0.5
6	☐	1.000		10463529.70		A	0.4
7	☐	1.000		10621666.72		A	0.1
8	☐	1.000		10376772.14		A	0.6
9	☐	1.000		9988937.28		A	0.2

89 Y (ISTD) [He]

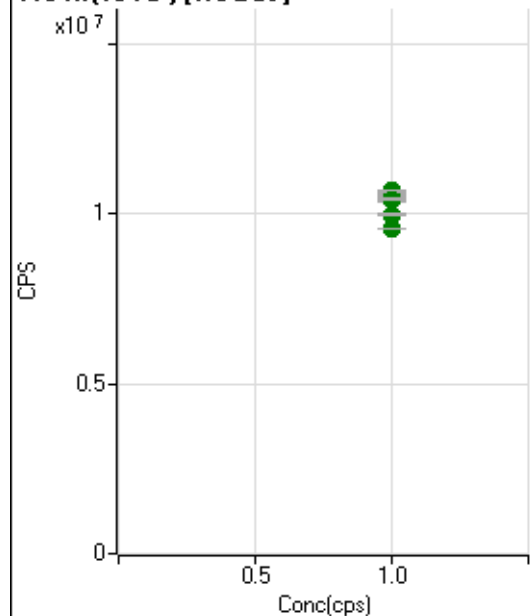
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1467470.20		P	0.5
2	☐	1.000					
3	☐	1.000		1405809.27		P	0.3
4	☐	1.000		1455812.95		P	0.5
5	☐	1.000		1461986.12		P	0.2
6	☐	1.000		1431646.66		P	0.4
7	☐	1.000		1460229.34		P	0.4
8	☐	1.000		1442266.91		P	0.6
9	☐	1.000		1453543.64		P	1.2

103 Rh (ISTD) [NoGas]

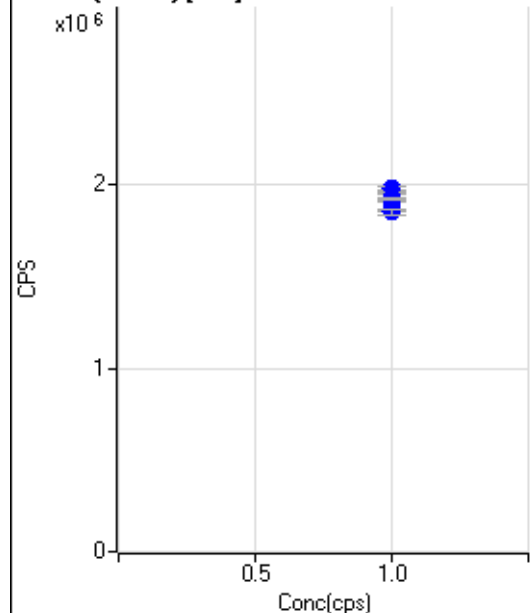
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9705614.72		A	0.3
2	☐	1.000					
3	☐	1.000		9786862.98		A	0.4
4	☐	1.000		9780070.79		A	0.8
5	☐	1.000		9733497.88		A	0.4
6	☐	1.000		9488298.91		A	0.3
7	☐	1.000		9455289.36		A	0.6
8	☐	1.000		9082199.60		A	0.7
9	☐	1.000		8379863.21		A	0.7

103 Rh(ISTD) [He]

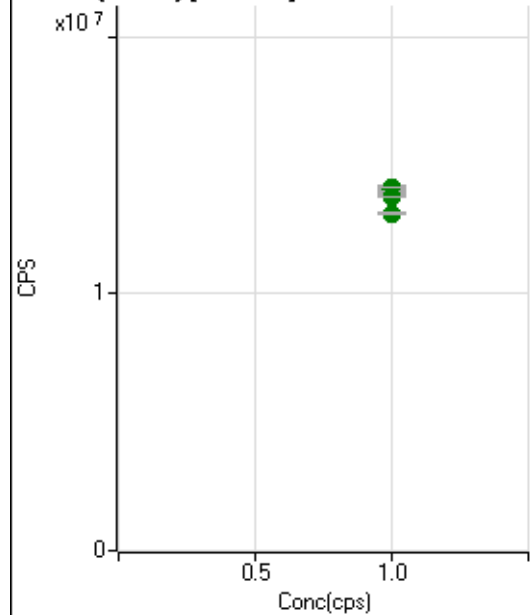
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4538767.92		P	0.6
2	☐	1.000					
3	☐	1.000		4372237.75		P	0.6
4	☐	1.000		4470104.97		P	0.5
5	☐	1.000		4459841.60		P	0.3
6	☐	1.000		4351981.25		P	0.8
7	☐	1.000		4329790.63		P	0.1
8	☐	1.000		4206656.85		P	0.7
9	☐	1.000		3937908.69		P	1.1

115 In(ISTD) [NoGas]

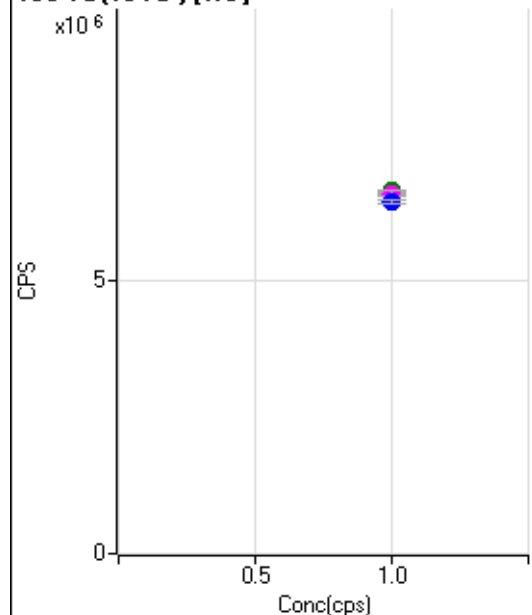
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10480475.33		A	0.6
2	☐	1.000					
3	☐	1.000		10666031.07		A	0.3
4	☐	1.000		10651210.26		A	1.0
5	☐	1.000		10648992.34		A	0.5
6	☐	1.000		10399597.44		A	0.6
7	☐	1.000		10430142.79		A	0.6
8	☐	1.000		9977643.64		A	0.3
9	☐	1.000		9543250.72		A	0.1

115 In(ISTD) [He]

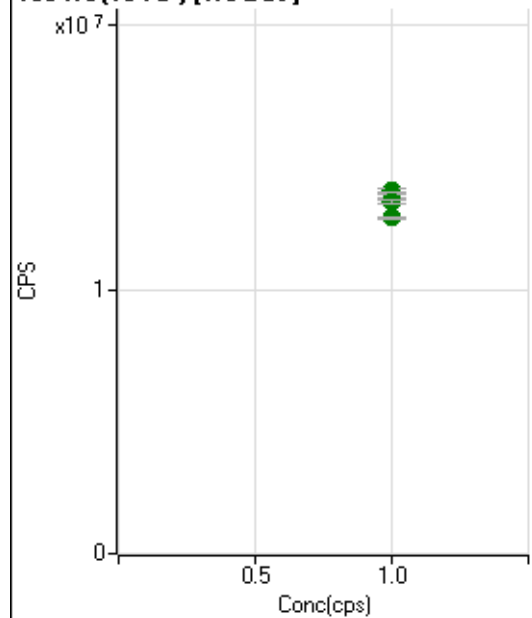
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1977713.54		P	0.9
2	☐	1.000					
3	☐	1.000		1905886.66		P	0.2
4	☐	1.000		1960908.85		P	0.7
5	☐	1.000		1956373.69		P	0.5
6	☐	1.000		1927092.39		P	0.3
7	☐	1.000		1922314.88		P	0.4
8	☐	1.000		1861570.81		P	0.9
9	☐	1.000		1850366.60		P	1.3

159 Tb(ISTD) [NoGas]

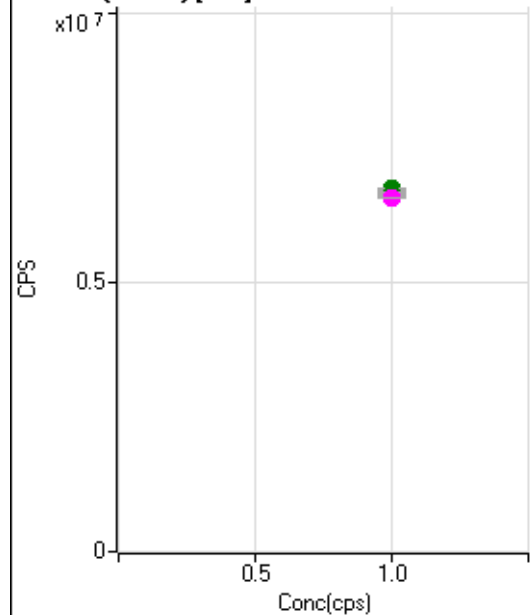
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13899334.10		A	0.3
2	☐	1.000					
3	☐	1.000		13931608.96		A	0.1
4	☐	1.000		14065326.87		A	1.9
5	☐	1.000		14120256.46		A	0.8
6	☐	1.000		13904274.24		A	0.8
7	☐	1.000		14064946.32		A	1.3
8	☐	1.000		13791034.38		A	0.1
9	☐	1.000		13107623.55		A	0.5

159 Tb(ISTD) [He]

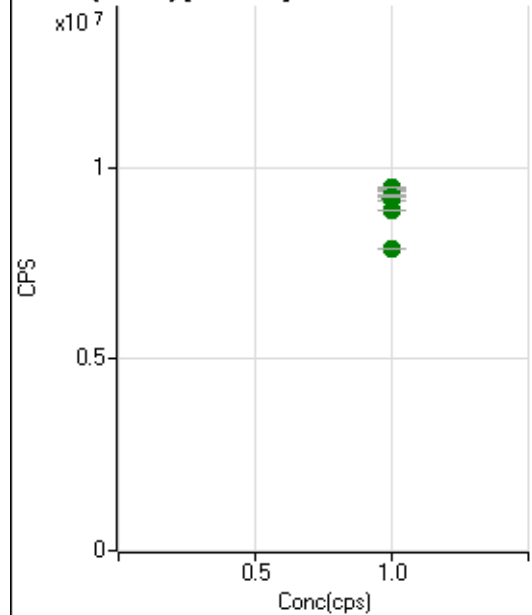
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6622341.85		A	0.9
2	☐	1.000					
3	☐	1.000		6589398.86		P	0.7
4	☐	1.000		6569255.18		A	0.6
5	☐	1.000		6620841.92		A	0.7
6	☐	1.000		6565334.83		A	0.9
7	☐	1.000		6629113.86		A	0.3
8	☐	1.000		6581939.76		M	1.5
9	☐	1.000		6430863.86		P	1.1

165 Ho(ISTD) [NoGas]

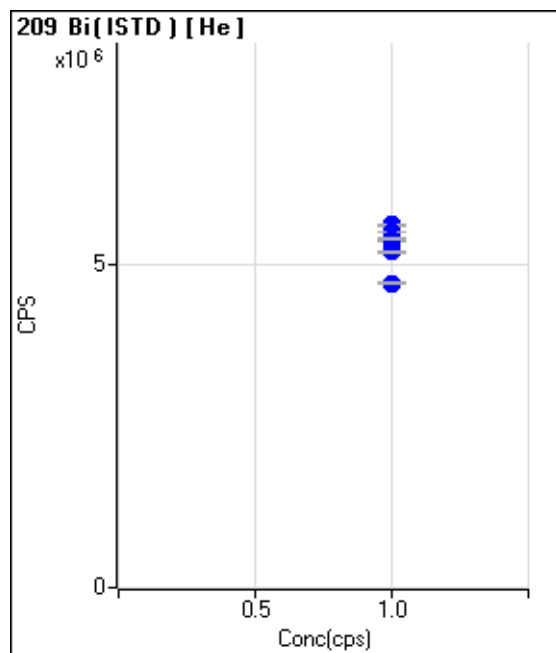
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13319908.98		A	1.0
2	☐	1.000					
3	☐	1.000		13669829.82		A	0.7
4	☐	1.000		13639200.13		A	0.8
5	☐	1.000		13732865.41		A	1.2
6	☐	1.000		13422076.17		A	0.3
7	☐	1.000		13637217.58		A	0.5
8	☐	1.000		13336764.10		A	1.1
9	☐	1.000		12702847.85		A	0.3

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6660261.15		A	0.3
2	☐	1.000					
3	☐	1.000		6577985.73		M	0.9
4	☐	1.000		6649832.12		A	0.7
5	☐	1.000		6711236.57		A	0.3
6	☐	1.000		6632921.36		A	0.7
7	☐	1.000		6726823.23		A	0.7
8	☐	1.000		6640703.79		A	0.3
9	☐	1.000		6549683.58		M	0.1

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9417895.55		A	0.6
2	☐	1.000					
3	☐	1.000		9471759.72		A	0.4
4	☐	1.000		9430313.47		A	1.3
5	☐	1.000		9463597.15		A	0.4
6	☐	1.000		9195117.85		A	1.0
7	☐	1.000		9249696.67		A	0.6
8	☐	1.000		8870993.48		A	0.1
9	☐	1.000		7871770.09		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5611175.68		P	0.8
2	☐	1.000					
3	☐	1.000		5362878.95		P	0.2
4	☐	1.000		5503594.01		P	0.5
5	☐	1.000		5502617.97		P	0.2
6	☐	1.000		5367436.17		P	0.3
7	☐	1.000		5393104.36		P	0.3
8	☐	1.000		5191545.34		P	0.8
9	☐	1.000		4701118.65		P	0.6