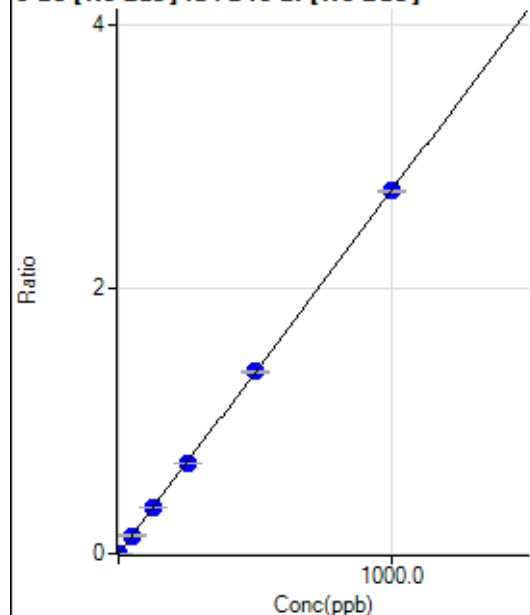


Batch Folder: D:\ICP-MS Data\P7020917.b\
Analysis File: P7020917.batch.bin
DA Date-Time: 2017-02-10 12:14:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-09 18:45:12
2			
3	004CALS.d	S02	2017-02-09 18:53:22
4	005CALS.d	S03	2017-02-09 18:57:16
5	006CALS.d	S04	2017-02-09 19:01:25
6	007CALS.d	S05	2017-02-09 19:05:15
7	008CALS.d	S06	2017-02-09 19:09:01
8	009CALS.d	S07	2017-02-09 19:12:43
9	010CALS.d	S08	2017-02-09 19:16:20

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.08	0.0001	P	70.3
2	☐	0.100					
3	☐	1.000	0.887	709.30	0.0025	P	9.2
4	☐	50.000	49.689	38170.66	0.1364	P	2.8
5	☐	125.000	127.386	94465.02	0.3496	P	1.6
6	☐	250.000	249.093	181766.09	0.6835	P	0.7
7	☐	500.000	501.031	362173.28	1.3748	P	0.6
8	☐	1000.000	999.429	713201.68	2.7422	P	0.5
9	☐			131.49	0.0005	P	38.5

$$y = 0.0027 * x + 8.8340E-005$$

$$R = 1.0000$$

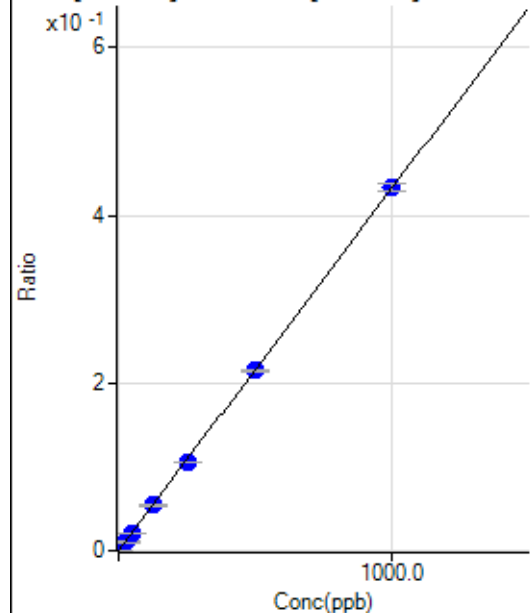
$$DL = 0.06788$$

$$BEC = 0.0322$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0001	P	47.9
2	☐	2.500					
3	☐	25.000	24.148	2967.08	0.0105	P	4.6
4	☐	50.000	46.513	5648.49	0.0202	P	4.1
5	☐	125.000	125.212	14629.81	0.0541	P	3.4
6	☐	250.000	243.332	27940.49	0.1051	P	0.3
7	☐	500.000	497.810	56589.86	0.2148	P	1.0
8	☐	1000.000	1002.931	112525.01	0.4326	P	2.3
9	☐			1469.58	0.0059	P	5.9

$$y = 4.3124E-004 * x + 1.3269E-004$$

$$R = 1.0000$$

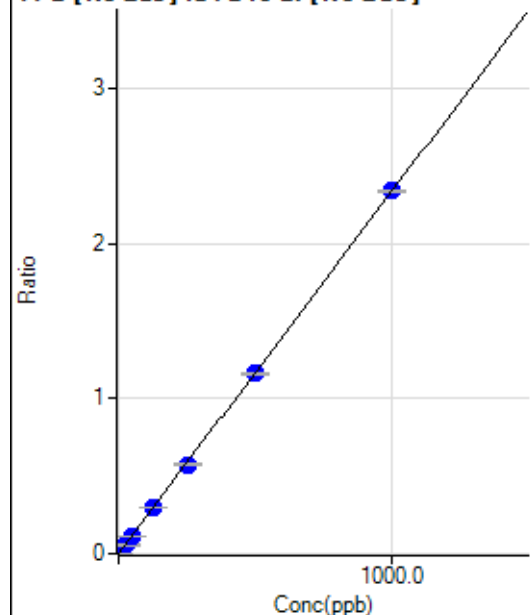
$$DL = 0.442$$

$$BEC = 0.3077$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.68	0.0006	P	5.4
2	☐	2.500					
3	☐	25.000	23.769	15792.13	0.0561	P	2.1
4	☐	50.000	47.529	31235.98	0.1116	P	3.8
5	☐	125.000	125.752	79531.62	0.2943	P	0.8
6	☐	250.000	245.635	152711.95	0.5743	P	1.8
7	☐	500.000	497.024	305969.37	1.1614	P	0.8
8	☐	1000.000	1002.639	609191.83	2.3423	P	0.6
9	☐			7888.47	0.0314	P	9.3

$$y = 0.0023 * x + 6.1275E-004$$

$$R = 1.0000$$

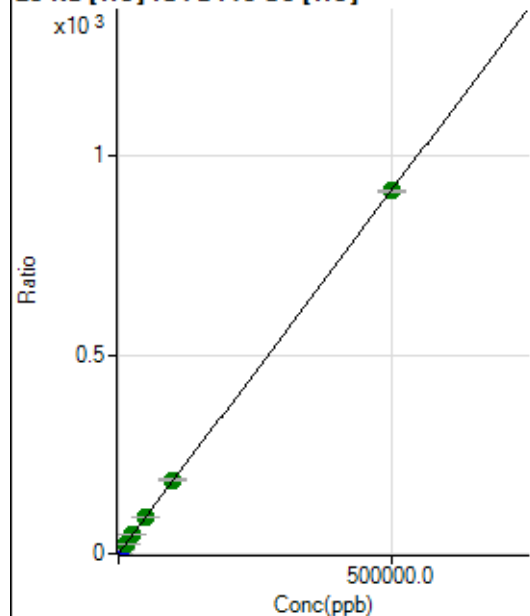
$$DL = 0.04251$$

$$BEC = 0.2624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10037.07	0.0546	P	2.5
2	☐	50.000					
3	☐	500.000	517.023	185011.81	0.9995	P	1.0
4	☐	5000.000	5437.876	1853119.34	9.9922	P	0.5
5	☐	12500.000	13400.910	4531336.78	24.5443	A	0.8
6	☐	25000.000	26335.624	8878887.35	48.1820	A	0.8
7	☐	50000.000	51417.664	17735368.10	94.0185	A	0.1
8	☐	100000.00	101480.57	34952389.32	185.5067	A	1.2
9	☐	500000.00	499468.42	166516167.6	912.8149	A	0.7

$$y = 0.0018 * x + 0.0546$$

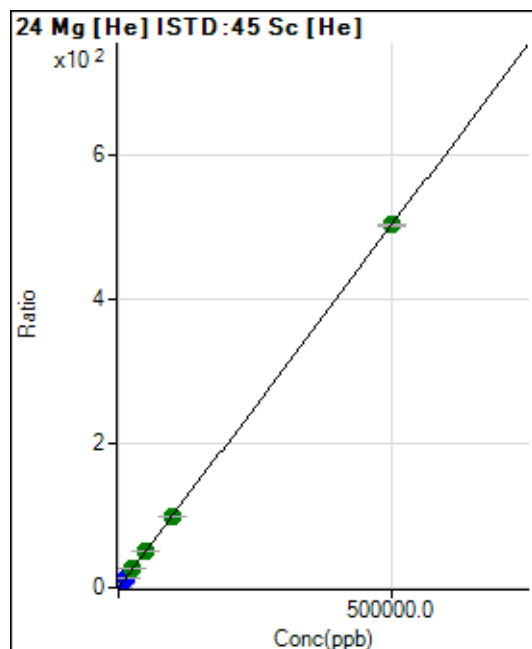
$$R = 1.0000$$

$$DL = 2.223$$

$$BEC = 29.9$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0012	P	31.2
2	☐	50.000					
3	☐	500.000	499.076	93118.86	0.5031	P	1.7
4	☐	5000.000	5186.181	967509.23	5.2169	P	0.7
5	☐	12500.000	12815.959	2379695.60	12.8900	P	1.0
6	☐	25000.000	25298.684	4688782.22	25.4436	A	0.2
7	☐	50000.000	49609.450	9411220.61	49.8925	A	0.7
8	☐	100000.00	97554.217	18485988.78	98.1097	A	0.7
9	☐	500000.00	500503.51	91819862.47	503.3486	A	0.9

$$y = 0.0010 * x + 0.0012$$

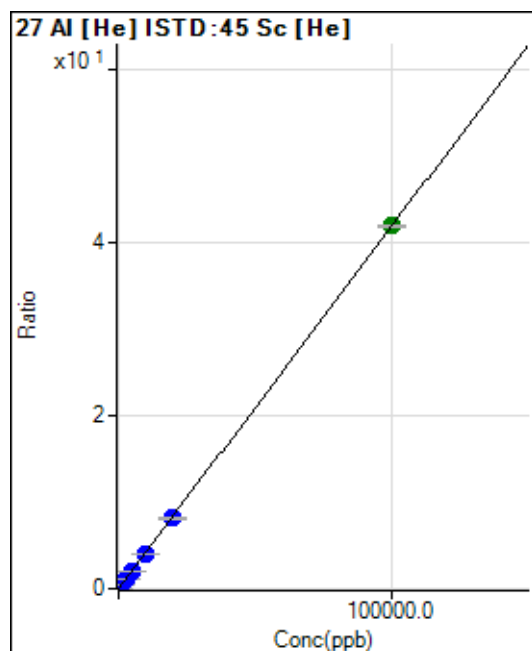
$$R = 1.0000$$

$$DL = 1.125$$

$$BEC = 1.201$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0004	P	40.6
2	☐	2.000					
3	☐	20.000	22.286	1800.19	0.0097	P	6.6
4	☐	1000.000	995.251	77204.95	0.4163	P	1.6
5	☐	2500.000	2504.357	193274.91	1.0469	P	1.0
6	☐	5000.000	4906.153	377868.35	2.0505	P	0.3
7	☐	10000.000	9717.158	765984.31	4.0609	P	1.1
8	☐	20000.000	19387.772	1526557.70	8.1019	P	1.0
9	☐	100000.00	100155.36	7634612.93	41.8520	A	0.8

$$y = 4.1787E-004 * x + 4.0919E-004$$

$$R = 1.0000$$

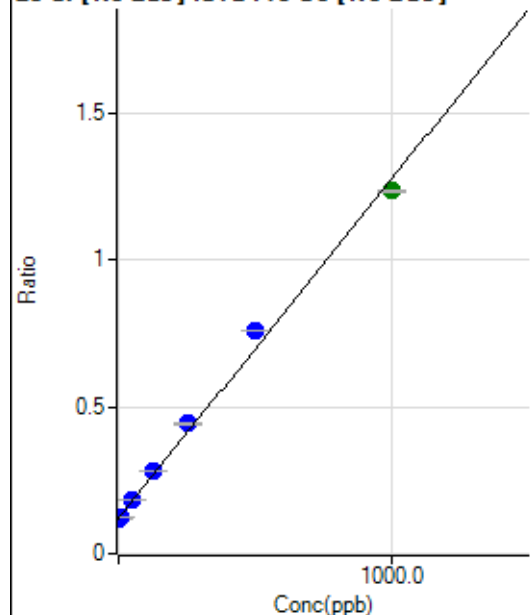
$$DL = 1.193$$

$$BEC = 0.9792$$

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	423552.33	0.1209	P	0.9
2	☐	1.000					
3	☐	10.000	2.202	438268.80	0.1234	P	0.3
4	☐	50.000	52.397	644228.87	0.1813	P	0.3
5	☐	125.000	138.500	986895.74	0.2806	P	0.4
6	☐	250.000	278.067	1543478.37	0.4415	P	0.1
7	☐	500.000	552.116	2665645.11	0.7576	P	0.4
8	☐	1000.000	965.196	4326074.06	1.2339	A	0.6
9	☐			485331.78	0.1412	P	0.3

$$y = 0.0012 * x + 0.1209$$

$$R = 0.9972$$

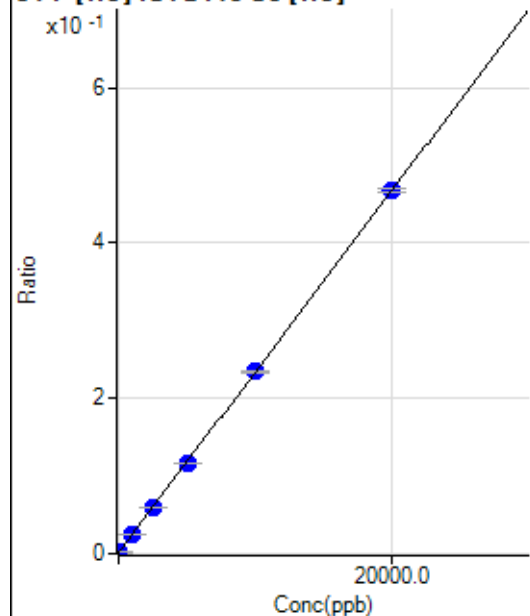
$$DL = 2.957$$

$$BEC = 104.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.531	172.23	0.0009	P	14.8
2	☐	0.000					
3	☐	0.000	9.531	255.57	0.0014	P	11.0
4	☐	1000.000	992.343	4500.85	0.0243	P	4.9
5	☐	2500.000	2520.997	11051.76	0.0599	P	2.3
6	☐	5000.000	4968.084	21532.93	0.1169	P	1.2
7	☐	10000.000	10004.253	44166.28	0.2341	P	0.6
8	☐	20000.000	20003.611	87989.75	0.4670	P	1.1
9	☐			194.46	0.0011	P	16.4

$$y = 2.3288E-005 * x + 0.0012$$

$$R = 1.0000$$

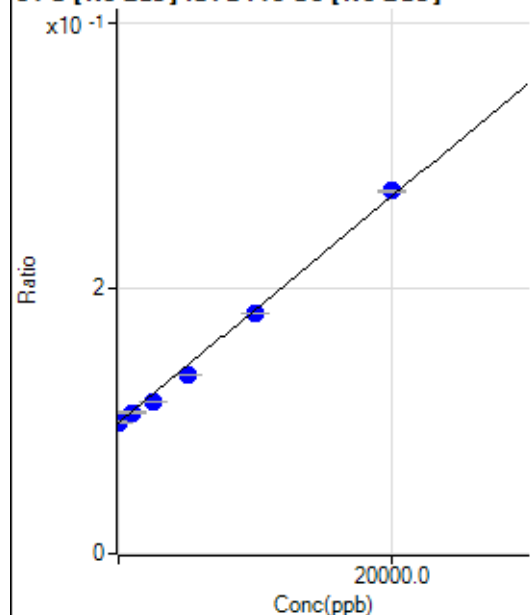
$$DL = 18.71$$

$$BEC = 49.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-79.511	344530.70	0.0983	P	0.4
2	☐	0.000					
3	☐	0.000	79.511	353963.65	0.0997	P	0.6
4	☐	1000.000	872.456	378185.18	0.1064	P	1.1
5	☐	2500.000	1850.634	403666.91	0.1148	P	0.5
6	☐	5000.000	4211.274	471578.68	0.1349	P	0.4
7	☐	10000.000	9600.676	636425.90	0.1809	P	0.0
8	☐	20000.000	20484.391	959604.82	0.2737	P	0.3
9	☐			325065.52	0.0946	P	0.5

$$y = 8.5302\text{E-}006 * x + 0.0990$$

$$R = 0.9986$$

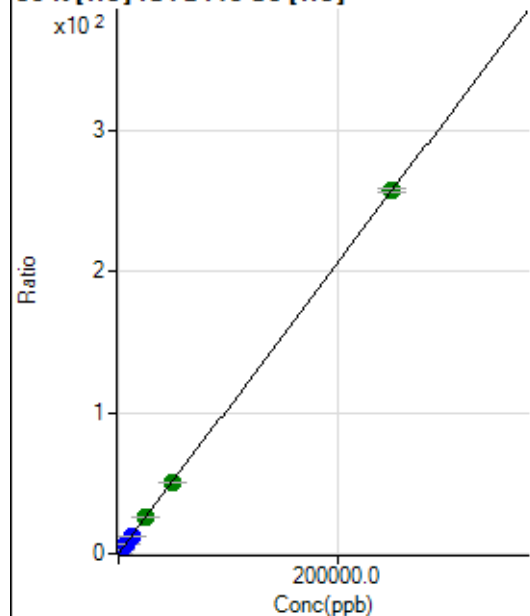
$$DL = 169.3$$

$$BEC = 1.16\text{E}+04$$

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	27612.70	0.1503	P	1.6
2	☐	50.000					
3	☐	500.000	472.244	117473.57	0.6346	P	2.0
4	☐	2500.000	2505.048	504256.75	2.7190	P	0.9
5	☐	6250.000	6278.097	1216250.13	6.5878	P	0.6
6	☐	12500.000	12396.144	2370047.65	12.8612	P	0.3
7	☐	25000.000	24699.828	4805644.12	25.4773	A	1.1
8	☐	50000.000	49209.551	9535796.13	50.6093	A	1.0
9	☐	250000.00	250192.60	46824802.78	256.6954	A	1.1

$$y = 0.0010 * x + 0.1503$$

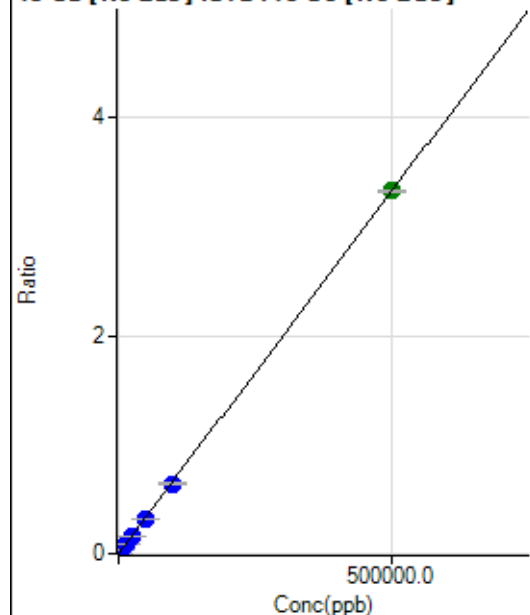
$$R = 1.0000$$

$$DL = 7.114$$

$$BEC = 146.6$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0000	P	16.1
2	☐	50.000					
3	☐	500.000	456.557	10940.60	0.0031	P	2.5
4	☐	5000.000	4883.180	115465.07	0.0325	P	0.7
5	☐	12500.000	12202.976	285336.06	0.0811	P	1.2
6	☐	25000.000	24299.822	564550.18	0.1615	P	0.2
7	☐	50000.000	48504.706	1134105.11	0.3223	P	0.2
8	☐	100000.00	96751.972	2253824.98	0.6429	P	0.4
9	☐	500000.00	500842.78	11437796.70	3.3276	A	0.2

$$y = 6.6440\text{E-}006 * x + 4.6793\text{E-}005$$

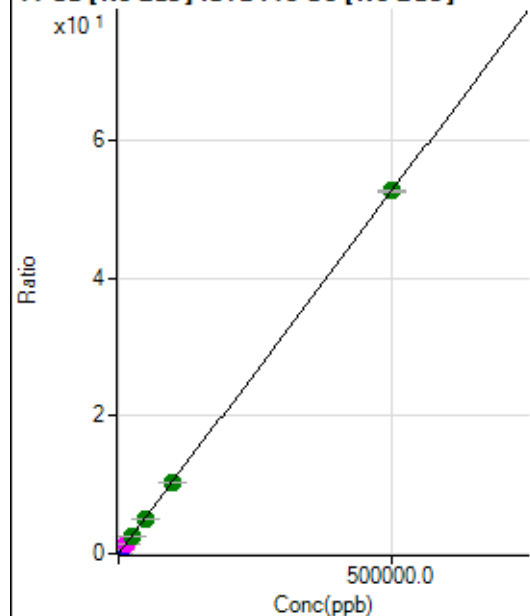
$$R = 1.0000$$

$$DL = 3.411$$

$$BEC = 7.043$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8533.36	0.0024	P	2.9
2	☐	50.000					
3	☐	500.000	476.186	186635.55	0.0525	P	0.5
4	☐	5000.000	4946.737	1858659.96	0.5230	P	0.3
5	☐	12500.000	12412.676	4603103.27	1.3087	M	0.5
6	☐	25000.000	24697.966	9094263.31	2.6015	A	0.2
7	☐	50000.000	48838.691	18092703.18	5.1419	A	0.1
8	☐	100000.00	97697.311	36052806.36	10.2835	A	0.1
9	☐	500000.00	500594.51	181077416.5	52.6820	A	0.5

$$y = 1.0523\text{E-}004 * x + 0.0024$$

$$R = 1.0000$$

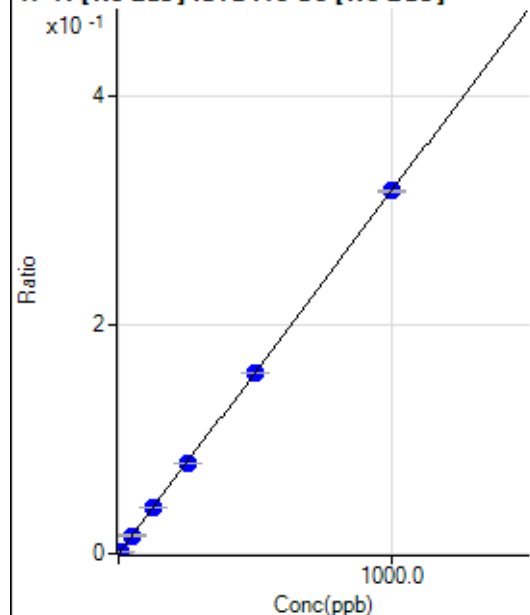
$$DL = 2.026$$

$$BEC = 23.14$$

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	66.67	0.0000	P	32.8
2	☐	0.500					
3	☐	5.000	4.650	5303.94	0.0015	P	1.9
4	☐	50.000	50.132	56548.17	0.0159	P	1.4
5	☐	125.000	125.734	140268.31	0.0399	P	1.4
6	☐	250.000	249.198	276248.21	0.0790	P	1.3
7	☐	500.000	499.126	556858.45	0.1583	P	0.2
8	☐	1000.000	1000.541	1112147.21	0.3172	P	0.6
9	☐			930.63	0.0003	P	8.8

$$y = 3.1703\text{E-}004 * x + 1.9010\text{E-}005$$

$$R = 1.0000$$

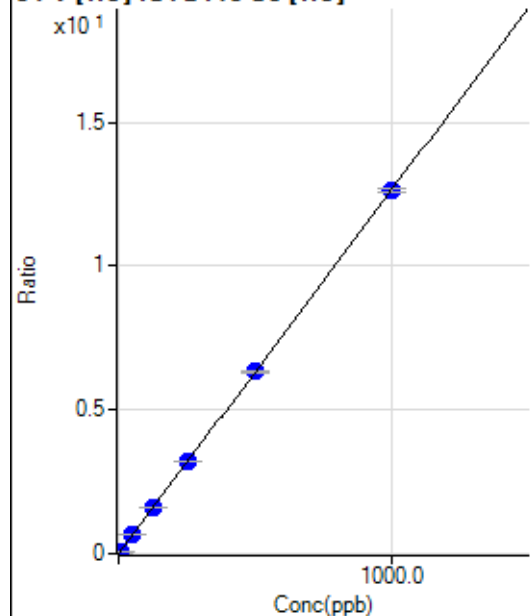
$$DL = 0.05897$$

$$BEC = 0.05996$$

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	41.11	0.0002	P	20.4
2	☐	0.500					
3	☐	5.000	4.831	11350.08	0.0613	P	0.9
4	☐	50.000	51.384	120545.33	0.6500	P	0.9
5	☐	125.000	128.083	299064.63	1.6199	P	0.5
6	☐	250.000	254.889	593999.08	3.2234	P	0.3
7	☐	500.000	500.995	1195068.20	6.3354	P	1.0
8	☐	1000.000	997.826	2377491.18	12.6180	P	1.2
9	☐			684.47	0.0038	P	5.1

$$y = 0.0126 * x + 2.2382\text{E-}004$$

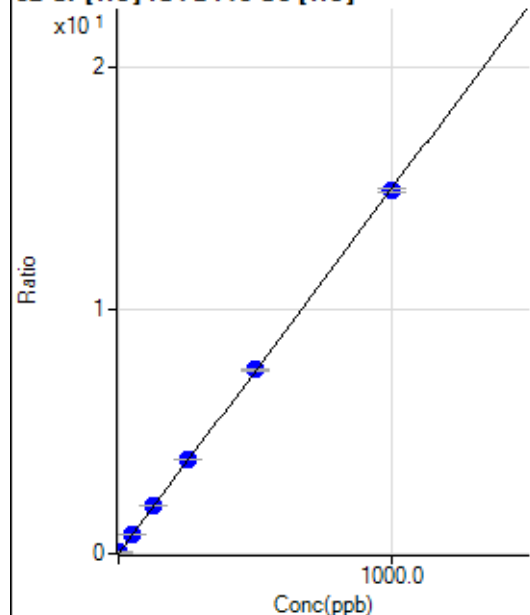
$$R = 1.0000$$

$$DL = 0.01085$$

$$BEC = 0.0177$$

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	1436.76	0.0078	P	6.7
2	☐	0.200					
3	☐	2.000	2.139	7381.95	0.0399	P	2.4
4	☐	50.000	52.023	146017.95	0.7873	P	0.7
5	☐	125.000	130.872	363478.39	1.9688	P	0.9
6	☐	250.000	257.658	712900.72	3.8686	P	0.4
7	☐	500.000	505.036	1428963.43	7.5753	P	0.8
8	☐	1000.000	994.732	2809905.83	14.9130	P	1.2
9	☐			61273.43	0.3359	P	1.3

$$y = 0.0150 * x + 0.0078$$

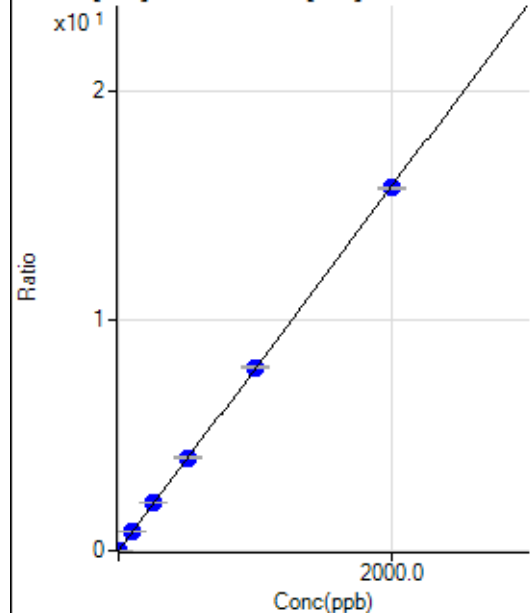
$$R = 0.9999$$

$$DL = 0.1055$$

$$BEC = 0.5221$$

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	98.89	0.0005	P	16.3
2	☐	0.100					
3	☐	1.000	1.022	1595.67	0.0086	P	0.4
4	☐	100.000	104.130	152813.18	0.8240	P	0.2
5	☐	250.000	259.822	379425.43	2.0552	P	0.6
6	☐	500.000	510.493	743981.75	4.0374	P	1.2
7	☐	1000.000	1006.016	1500717.50	7.9559	P	1.0
8	☐	2000.000	1992.934	2969582.80	15.7603	P	0.8
9	☐			11435.71	0.0627	P	3.5

$$y = 0.0079 * x + 5.3867E-004$$

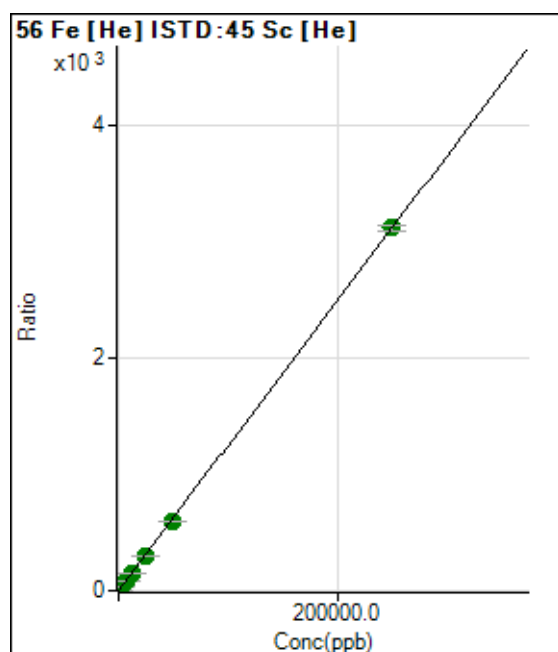
$$R = 1.0000$$

$$DL = 0.03329$$

$$BEC = 0.06812$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3515.33	0.0191	P	4.0
2	☐	5.000					
3	☐	50.000	48.041	114431.33	0.6182	P	0.9
4	☐	2500.000	2518.101	5826875.36	31.4189	A	0.1
5	☐	6250.000	6231.524	14349152.52	77.7239	A	1.0
6	☐	12500.000	12324.888	28323657.81	153.7058	A	1.2
7	☐	25000.000	24092.573	56673887.84	300.4443	A	0.4
8	☐	50000.000	47569.204	111767498.8	593.1890	A	1.0
9	☐	250000.00	250585.93	569976220.1	3,124.730	A	1.5

$$y = 0.0125 * x + 0.0191$$

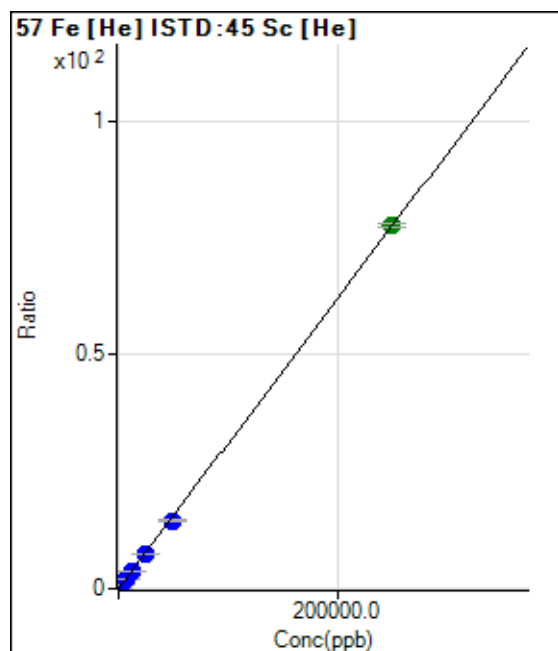
$$R = 0.9999$$

$$DL = 0.1844$$

$$BEC = 1.535$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0003	P	11.4
2	☐	5.000					
3	☐	50.000	47.401	2774.42	0.0150	P	5.3
4	☐	2500.000	2490.108	142903.85	0.7706	P	0.7
5	☐	6250.000	6185.389	353276.93	1.9136	P	1.0
6	☐	12500.000	12261.255	698946.75	3.7929	P	0.6
7	☐	25000.000	23993.246	1399986.94	7.4218	P	0.6
8	☐	50000.000	47118.462	2746221.10	14.5748	P	0.7
9	☐	250000.00	250690.63	14144802.98	77.5430	A	1.2

$$y = 3.0932E-004 * x + 3.2280E-004$$

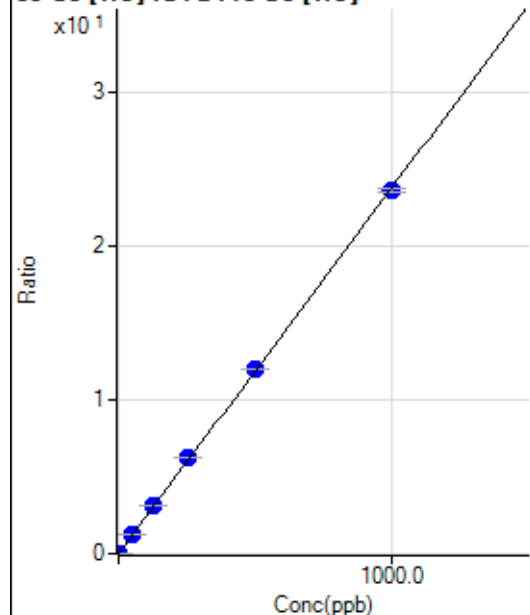
$$R = 0.9999$$

$$DL = 0.3557$$

$$BEC = 1.044$$

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	202.23	0.0011	P	14.1
2	☐	0.100					
3	☐	1.000	1.008	4641.93	0.0251	P	2.0
4	☐	50.000	53.121	234608.01	1.2650	P	0.6
5	☐	125.000	132.459	582048.41	3.1528	P	1.1
6	☐	250.000	261.242	1145687.81	6.2170	P	0.3
7	☐	500.000	506.319	2272693.86	12.0482	P	0.5
8	☐	1000.000	992.942	4451665.74	23.6266	P	1.1
9	☐			5664.52	0.0311	P	2.7

$$y = 0.0238 * x + 0.0011$$

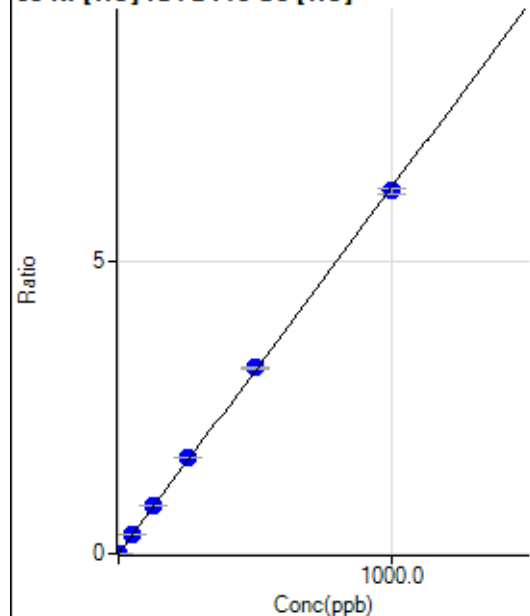
$$R = 0.9999$$

$$DL = 0.01959$$

$$BEC = 0.04629$$

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	87.78	0.0005	P	6.2
2	☐	0.100					
3	☐	1.000	1.046	1304.52	0.0070	P	4.7
4	☐	50.000	53.528	62449.08	0.3367	P	0.5
5	☐	125.000	133.304	154683.13	0.8379	P	0.9
6	☐	250.000	262.041	303421.77	1.6465	P	0.4
7	☐	500.000	509.340	603607.21	3.2000	P	1.0
8	☐	1000.000	991.105	1173142.87	6.2263	P	1.4
9	☐			14191.49	0.0778	P	2.1

$$y = 0.0063 * x + 4.7802E-004$$

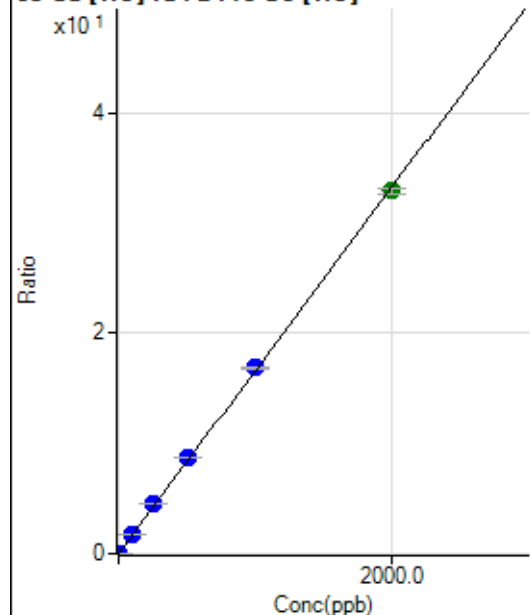
$$R = 0.9998$$

$$DL = 0.01405$$

$$BEC = 0.0761$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	370.01	0.0020	P	6.9
2	☐	0.200					
3	☐	2.000	2.066	6724.98	0.0363	P	2.7
4	☐	100.000	108.451	334579.51	1.8041	P	0.2
5	☐	250.000	269.608	827450.41	4.4819	P	0.8
6	☐	500.000	523.958	1604743.15	8.7083	P	0.8
7	☐	1000.000	1016.798	3187289.12	16.8975	P	1.1
8	☐	2000.000	1982.738	6207888.66	32.9480	A	1.3
9	☐			8702.71	0.0477	P	1.6

$$y = 0.0166 * x + 0.0020$$

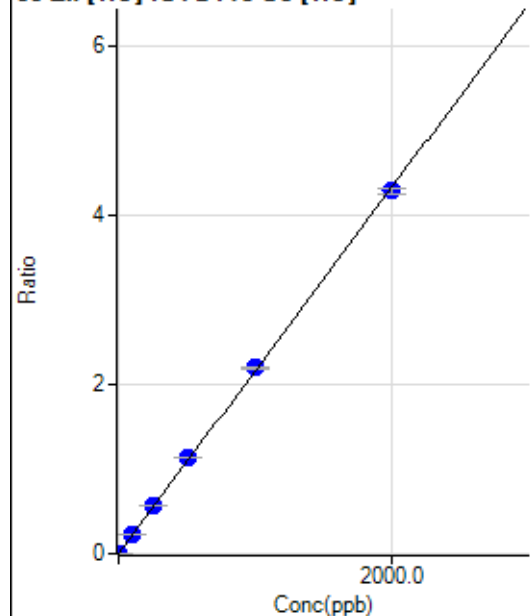
$$R = 0.9998$$

$$DL = 0.02514$$

$$BEC = 0.1212$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0003	P	16.8
2	☐	0.200					
3	☐	2.000	2.202	942.27	0.0051	P	12.8
4	☐	100.000	106.924	42940.89	0.2315	P	0.6
5	☐	250.000	265.781	106165.39	0.5750	P	0.6
6	☐	500.000	523.120	208505.30	1.1315	P	0.8
7	☐	1000.000	1017.819	415204.12	2.2012	P	1.1
8	☐	2000.000	1982.992	807974.03	4.2882	P	1.3
9	☐			4784.19	0.0262	P	1.5

$$y = 0.0022 * x + 3.3247E-004$$

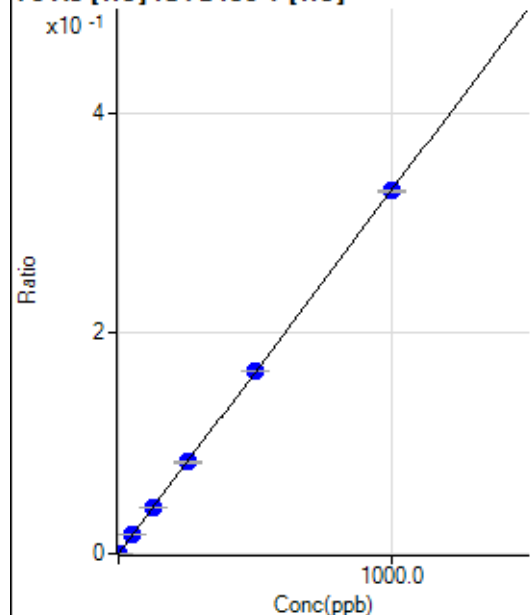
$$R = 0.9999$$

$$DL = 0.07743$$

$$BEC = 0.1538$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.995	325.31	0.0003	P	10.5
4	☐	50.000	50.598	15937.83	0.0167	P	0.5
5	☐	125.000	125.254	39584.57	0.0413	P	0.4
6	☐	250.000	251.776	79201.02	0.0830	P	0.5
7	☐	500.000	501.476	160935.17	0.1654	P	0.5
8	☐	1000.000	998.756	319022.89	0.3293	P	0.8
9	☐			419.14	0.0004	P	0.6

$$y = 3.2974\text{E-}004 * x + 1.6285\text{E-}005$$

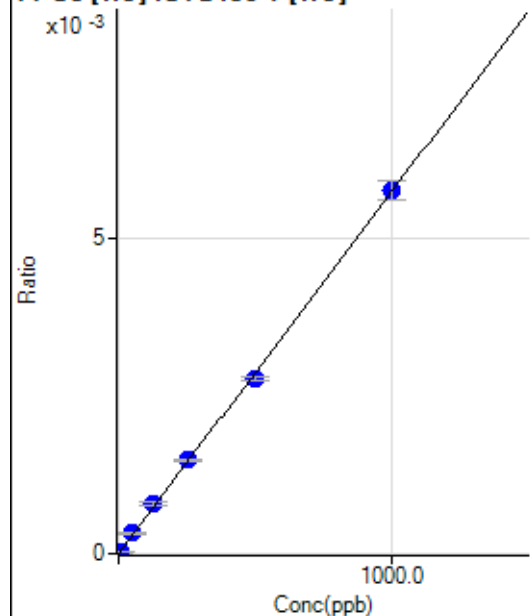
$$R = 1.0000$$

$$DL = 0.02092$$

$$BEC = 0.04939$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.956	34.44	0.0000	P	40.2
4	☐	50.000	55.450	305.56	0.0003	P	9.7
5	☐	125.000	138.217	761.15	0.0008	P	4.8
6	☐	250.000	258.575	1415.65	0.0015	P	2.1
7	☐	500.000	485.357	2709.19	0.0028	P	2.0
8	☐	1000.000	1003.248	5572.27	0.0058	P	5.4
9	☐			8.89	0.0000	P	22.0

$$y = 5.7313\text{E-}006 * x + 2.3450\text{E-}006$$

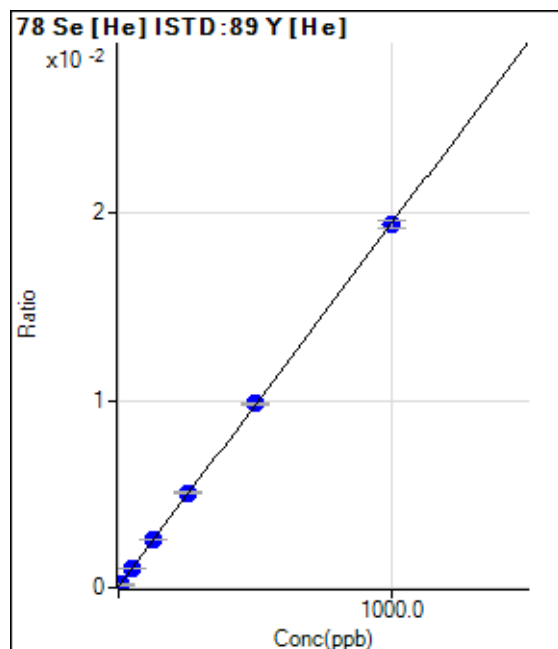
$$R = 0.9997$$

$$DL = 1.063$$

$$BEC = 0.4092$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.35	0.0001	P	5.7
2	☐	0.500					
3	☐	5.000	4.904	151.85	0.0002	P	14.1
4	☐	50.000	50.085	989.55	0.0010	P	1.6
5	☐	125.000	129.168	2462.58	0.0026	P	1.3
6	☐	250.000	257.742	4829.24	0.0051	P	2.0
7	☐	500.000	502.883	9553.21	0.0098	P	0.9
8	☐	1000.000	996.098	18772.71	0.0194	P	2.1
9	☐			123.46	0.0001	P	5.7

$$y = 1.9390\text{E-}005 * x + 6.5759\text{E-}005$$

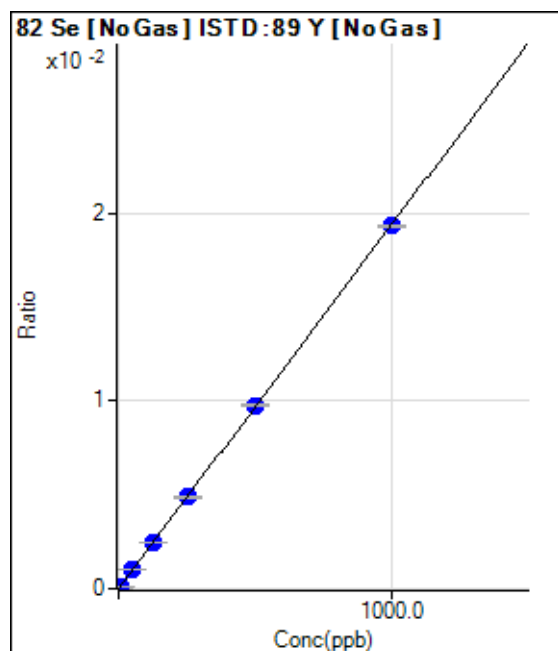
$$R = 1.0000$$

$$DL = 0.5847$$

$$BEC = 3.391$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-12.39	0.0000	P	-446.
2	☐	0.500					
3	☐	5.000	5.231	599.67	0.0001	P	13.7
4	☐	50.000	51.662	6002.34	0.0010	P	1.2
5	☐	125.000	127.499	14817.49	0.0025	P	1.0
6	☐	250.000	251.477	29149.16	0.0049	P	0.7
7	☐	500.000	504.354	58258.47	0.0098	P	1.2
8	☐	1000.000	997.057	115495.73	0.0193	P	0.4
9	☐			265.36	0.0000	P	20.0

$$y = 1.9376\text{E-}005 * x - 2.0672\text{E-}006$$

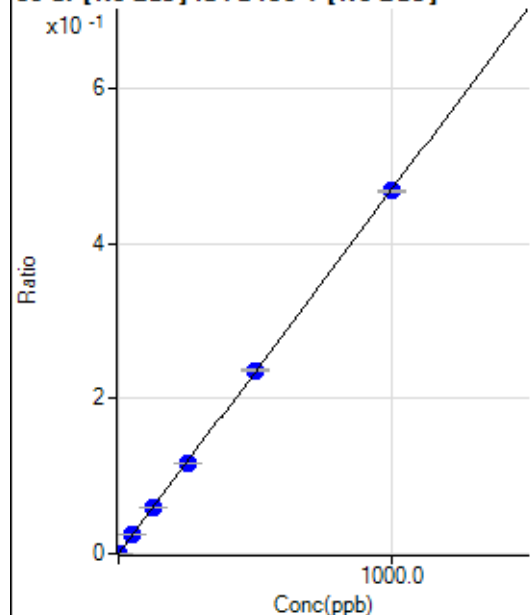
$$R = 1.0000$$

$$DL = 1.43$$

$$BEC = -0.1067$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	797.28	0.0001	P	16.8
2	☐	0.100					
3	☐	1.000	0.901	3358.87	0.0006	P	8.1
4	☐	50.000	50.805	144105.25	0.0240	P	1.5
5	☐	125.000	126.663	357718.61	0.0596	P	0.1
6	☐	250.000	249.580	701928.49	0.1173	P	0.2
7	☐	500.000	504.746	1413600.70	0.2371	P	0.7
8	☐	1000.000	997.484	2800345.38	0.4684	P	0.2
9	☐			80042.06	0.0139	P	0.6

$$y = 4.6942\text{E-}004 * x + 1.3391\text{E-}004$$

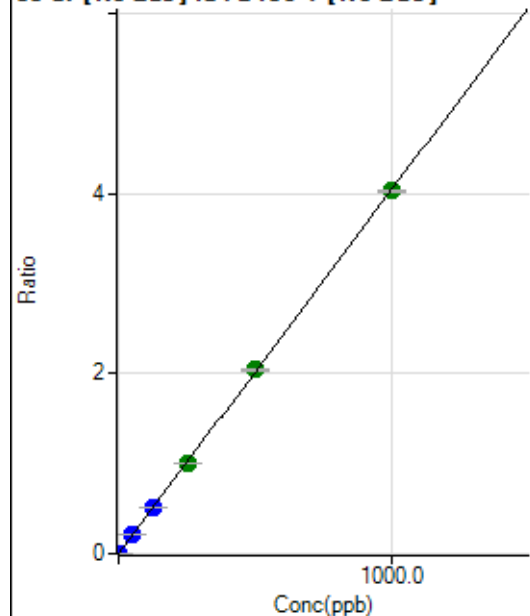
$$R = 1.0000$$

$$DL = 0.1434$$

$$BEC = 0.2853$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	15.2
2	☐	0.100					
3	☐	1.000	0.925	22688.31	0.0038	P	2.5
4	☐	50.000	50.703	1232739.46	0.2052	P	0.2
5	☐	125.000	127.259	3090750.85	0.5149	P	0.1
6	☐	250.000	248.717	6021722.14	1.0063	A	1.0
7	☐	500.000	505.201	12187481.87	2.0440	A	1.3
8	☐	1000.000	997.403	24126565.47	4.0353	A	0.7
9	☐			692370.82	0.1201	P	0.3

$$y = 0.0040 * x + 1.9118\text{E-}005$$

$$R = 1.0000$$

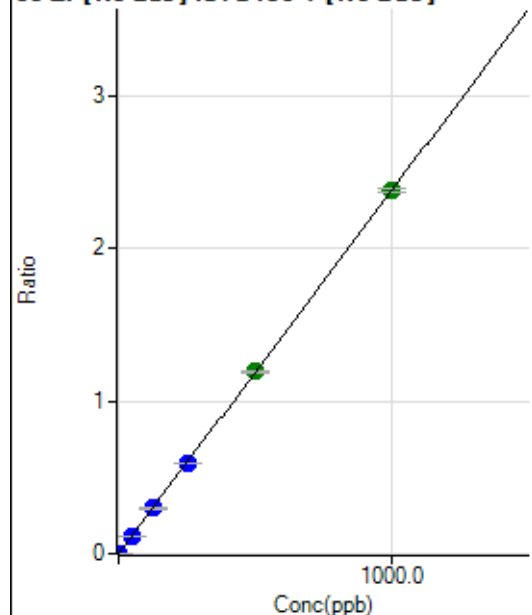
$$DL = 0.002154$$

$$BEC = 0.004725$$

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	358.36	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.688	10217.98	0.0017	P	5.2
4	☐	50.000	48.686	694961.74	0.1157	P	1.1
5	☐	125.000	124.617	1776523.82	0.2959	P	0.5
6	☐	250.000	248.006	3524338.14	0.5889	P	0.3
7	☐	500.000	501.401	7099139.66	1.1906	A	0.7
8	☐	1000.000	999.912	14195149.10	2.3742	A	0.9
9	☐			3381.10	0.0006	P	8.6

$$y = 0.0024 * x + 6.0160E-005$$

$$R = 1.0000$$

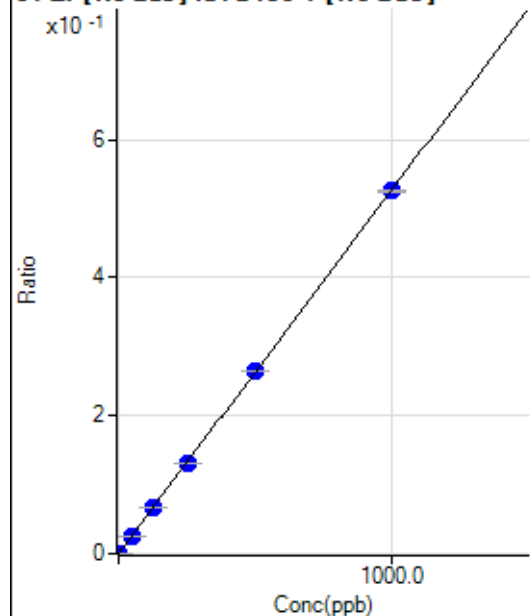
$$DL = 0.006466$$

$$BEC = 0.02534$$

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	105.56	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	0.670	2233.61	0.0004	P	3.4
4	☐	50.000	49.195	155661.93	0.0259	P	1.7
5	☐	125.000	125.370	396158.20	0.0660	P	1.1
6	☐	250.000	249.867	787006.33	0.1315	P	0.4
7	☐	500.000	502.919	1578227.47	0.2647	P	0.7
8	☐	1000.000	998.568	3141995.58	0.5255	P	0.5
9	☐			694.49	0.0001	P	8.8

$$y = 5.2625E-004 * x + 1.7712E-005$$

$$R = 1.0000$$

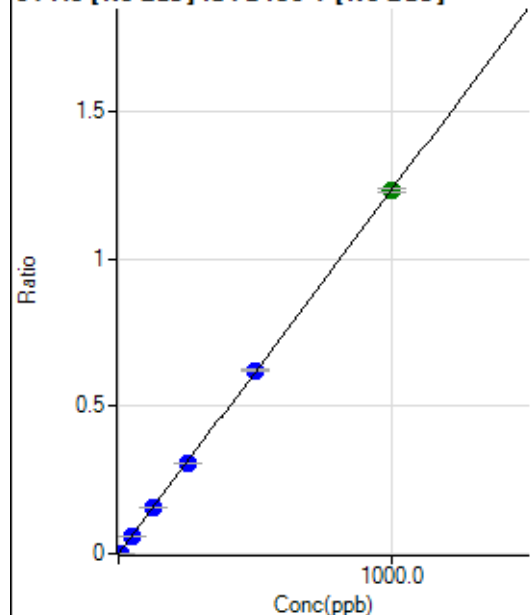
$$DL = 0.0277$$

$$BEC = 0.03366$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	27.7
2	☐	0.500					
3	☐	5.000	1.846	13923.93	0.0023	P	3.2
4	☐	50.000	49.272	365644.15	0.0609	P	1.2
5	☐	125.000	124.743	924544.93	0.1540	P	0.5
6	☐	250.000	248.784	1838052.47	0.3071	P	0.4
7	☐	500.000	504.770	3715597.87	0.6231	P	1.1
8	☐	1000.000	998.003	7366098.51	1.2320	A	1.1
9	☐			13462.42	0.0023	P	4.6

$$y = 0.0012 * x + 2.8921E-005$$

$$R = 1.0000$$

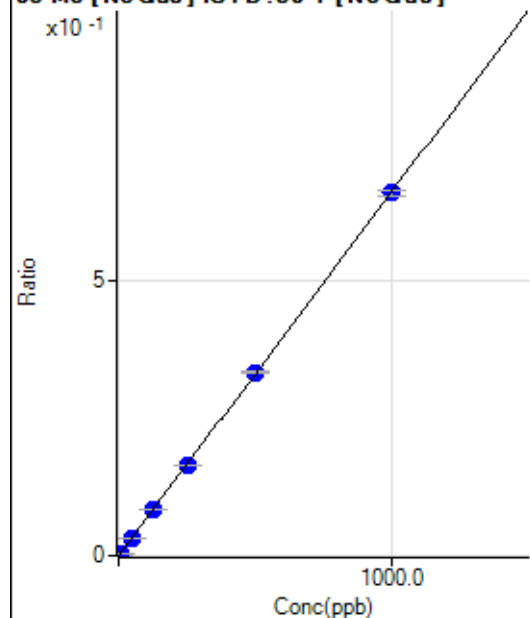
$$DL = 0.01943$$

$$BEC = 0.02343$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	35.6
2	☐	0.500					
3	☐	5.000	4.602	18415.32	0.0031	P	0.5
4	☐	50.000	49.479	196098.48	0.0326	P	2.2
5	☐	125.000	124.543	492958.24	0.0821	P	0.2
6	☐	250.000	249.724	985288.85	0.1646	P	0.5
7	☐	500.000	504.207	1982011.92	0.3324	P	1.3
8	☐	1000.000	998.051	3933858.12	0.6580	P	1.3
9	☐			20765.85	0.0036	P	7.4

$$y = 6.5923E-004 * x + 1.8656E-005$$

$$R = 1.0000$$

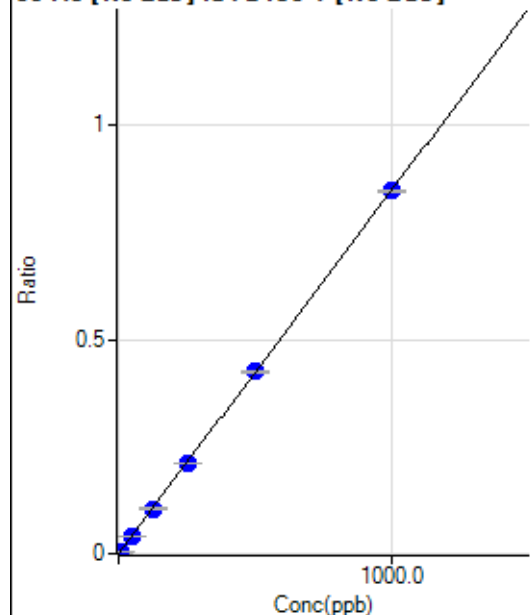
$$DL = 0.03018$$

$$BEC = 0.0283$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	3.980	20521.02	0.0034	P	0.1
4	☐	50.000	49.225	250991.17	0.0418	P	0.8
5	☐	125.000	124.330	633059.94	0.1055	P	0.5
6	☐	250.000	250.022	1269026.55	0.2121	P	0.1
7	☐	500.000	502.076	2538867.22	0.4258	P	1.3
8	☐	1000.000	999.084	5065763.13	0.8473	P	0.8
9	☐			27466.13	0.0048	P	5.0

$$y = 8.4803\text{E-}004 * x + 2.6129\text{E-}005$$

$$R = 1.0000$$

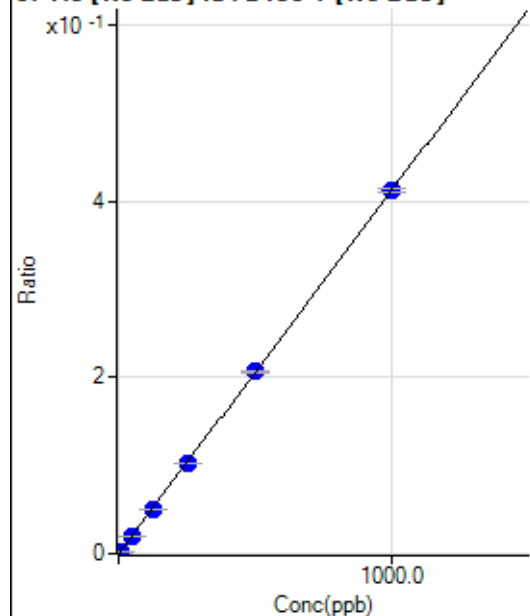
$$DL = 0.02091$$

$$BEC = 0.03081$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	4.687	11749.74	0.0019	P	2.5
4	☐	50.000	49.281	122080.09	0.0203	P	1.8
5	☐	125.000	123.346	305111.14	0.0508	P	0.6
6	☐	250.000	249.146	614309.24	0.1027	P	0.2
7	☐	500.000	501.916	1232954.75	0.2068	P	1.1
8	☐	1000.000	999.500	2461842.26	0.4118	P	1.0
9	☐			13370.65	0.0023	P	4.8

$$y = 4.1195\text{E-}004 * x + 1.6313\text{E-}005$$

$$R = 1.0000$$

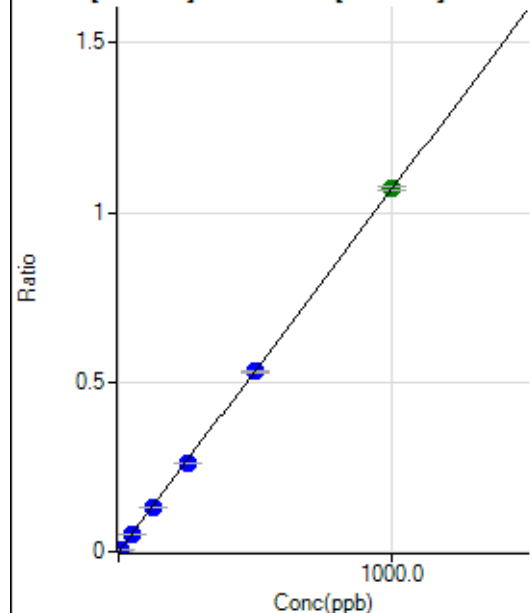
$$DL = 0.03559$$

$$BEC = 0.0396$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	5.7
2	☐	0.500					
3	☐	5.000	4.586	29740.25	0.0049	P	3.5
4	☐	50.000	48.698	312279.67	0.0520	P	0.7
5	☐	125.000	123.187	788805.02	0.1314	P	0.5
6	☐	250.000	245.861	1569268.03	0.2622	P	0.4
7	☐	500.000	497.076	3160951.98	0.5301	P	0.8
8	☐	1000.000	1002.791	6393803.87	1.0694	A	1.0
9	☐			34420.42	0.0060	P	6.4

$$y = 0.0011 * x + 4.0109E-005$$

$$R = 1.0000$$

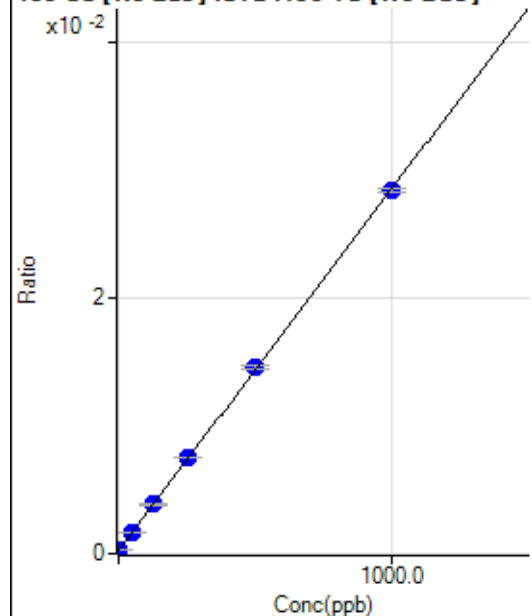
$$DL = 0.006413$$

$$BEC = 0.03761$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1691.84	0.0002	P	9.9
2	☐	0.100					
3	☐	1.000	1.132	1933.54	0.0003	P	3.5
4	☐	50.000	50.413	11652.45	0.0017	P	1.4
5	☐	125.000	127.830	26987.56	0.0039	P	2.6
6	☐	250.000	257.048	51831.97	0.0075	P	1.0
7	☐	500.000	506.183	100960.64	0.0145	P	1.8
8	☐	1000.000	994.772	195544.18	0.0283	P	1.2
9	☐			1341.79	0.0002	P	10.7

$$y = 2.8246E-005 * x + 2.4459E-004$$

$$R = 0.9999$$

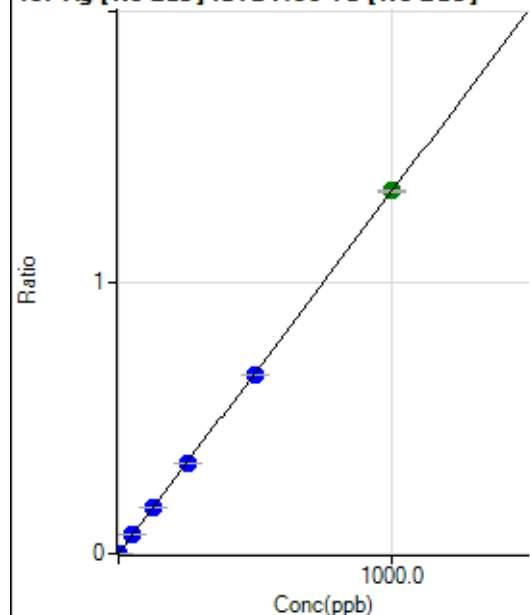
$$DL = 2.567$$

$$BEC = 8.659$$

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	41.67	0.0000	P	69.3
2	☐	0.100					
3	☐	1.000	1.060	9928.90	0.0014	P	1.9
4	☐	50.000	50.936	474542.86	0.0680	P	1.5
5	☐	125.000	127.057	1186828.50	0.1695	P	1.5
6	☐	250.000	251.388	2316287.14	0.3354	P	0.2
7	☐	500.000	494.005	4576085.48	0.6591	P	0.4
8	☐	1000.000	1002.347	9226791.53	1.3373	A	0.7
9	☐			905.63	0.0001	P	9.2

$$y = 0.0013 * x + 6.0211E-006$$

$$R = 1.0000$$

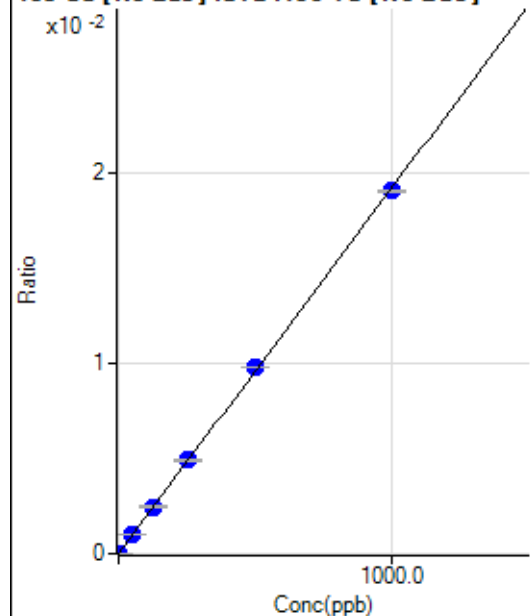
$$DL = 0.009377$$

$$BEC = 0.004513$$

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	5.56	0.0000	P	43.2
2	☐	0.100					
3	☐	1.000	0.826	116.67	0.0000	P	19.2
4	☐	50.000	50.687	6810.09	0.0010	P	0.7
5	☐	125.000	127.636	17184.32	0.0025	P	2.5
6	☐	250.000	255.844	33974.36	0.0049	P	1.0
7	☐	500.000	509.999	68081.99	0.0098	P	0.5
8	☐	1000.000	993.176	131747.87	0.0191	P	0.8
9	☐			30.56	0.0000	P	7.4

$$y = 1.9226E-005 * x + 8.0300E-007$$

$$R = 0.9999$$

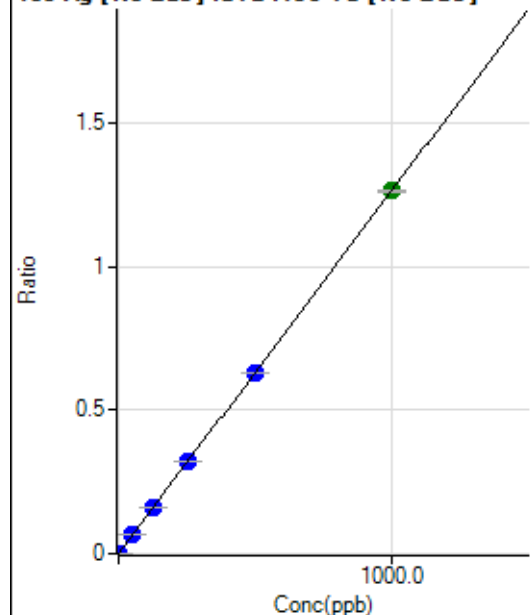
$$DL = 0.05413$$

$$BEC = 0.04177$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	75.0
2	☐	0.100					
3	☐	1.000	1.106	9817.66	0.0014	P	1.2
4	☐	50.000	50.927	450059.54	0.0645	P	1.3
5	☐	125.000	125.998	1116511.07	0.1595	P	0.5
6	☐	250.000	252.665	2208294.19	0.3198	P	0.4
7	☐	500.000	497.773	4373838.47	0.6300	P	0.6
8	☐	1000.000	1000.276	8734295.07	1.2659	A	0.5
9	☐			919.52	0.0001	P	8.2

$$y = 0.0013 * x + 4.8102E-006$$

$$R = 1.0000$$

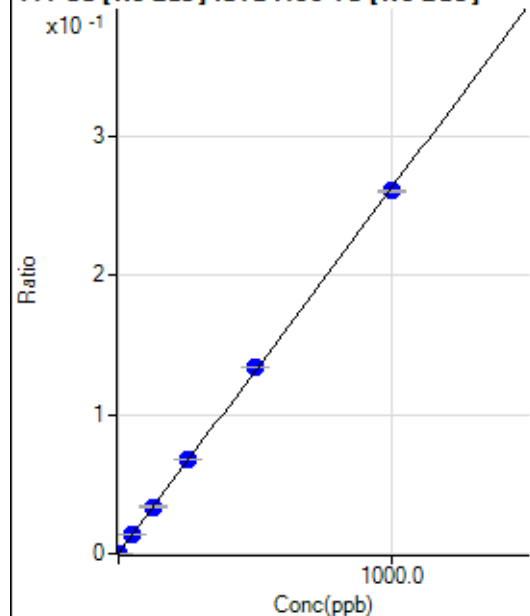
$$DL = 0.008556$$

$$BEC = 0.003801$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1213.73	0.0002	P	10.2
2	☐	0.100					
3	☐	1.000	1.043	3142.81	0.0004	P	4.2
4	☐	50.000	51.783	96232.07	0.0138	P	0.9
5	☐	125.000	128.100	236889.68	0.0338	P	0.8
6	☐	250.000	258.685	470610.71	0.0681	P	0.7
7	☐	500.000	509.286	930300.66	0.1340	P	0.5
8	☐	1000.000	992.709	1800865.37	0.2610	P	0.7
9	☐			1165.10	0.0002	P	7.7

$$y = 2.6276E-004 * x + 1.7547E-004$$

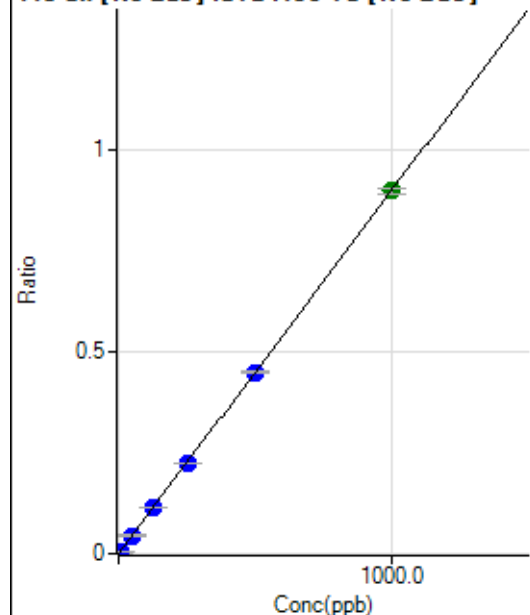
$$R = 0.9999$$

$$DL = 0.2042$$

$$BEC = 0.6678$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.58	0.0001	P	9.0
2	☐	0.500					
3	☐	5.000	4.779	30344.80	0.0043	P	1.2
4	☐	50.000	49.988	313430.75	0.0449	P	1.6
5	☐	125.000	125.754	790091.94	0.1128	P	0.8
6	☐	250.000	251.070	1555528.55	0.2252	P	0.3
7	☐	500.000	500.102	3114648.44	0.4486	P	0.8
8	☐	1000.000	999.589	6185902.05	0.8966	A	1.3
9	☐			8589.04	0.0013	P	2.3

$$y = 8.9693E-004 * x + 5.5008E-005$$

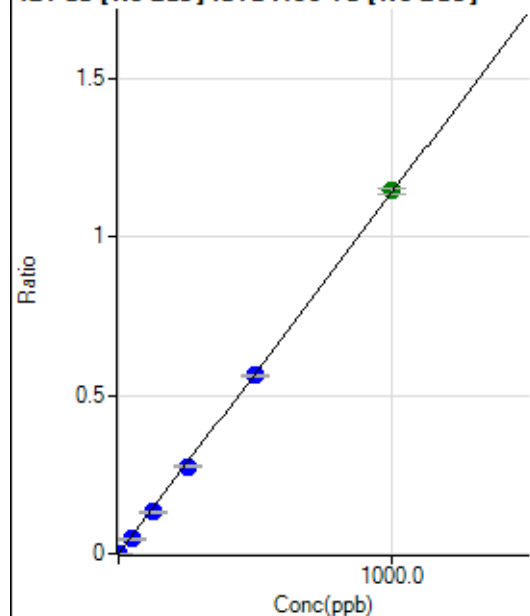
$$R = 1.0000$$

$$DL = 0.01661$$

$$BEC = 0.06133$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	137.9
2	☐	0.200					
3	☐	2.000	1.900	15155.93	0.0022	P	4.4
4	☐	50.000	40.141	319362.97	0.0457	P	2.7
5	☐	125.000	115.025	917742.02	0.1311	P	1.1
6	☐	250.000	242.132	1905520.59	0.2759	P	0.8
7	☐	500.000	494.658	3913559.16	0.5637	P	0.5
8	☐	1000.000	1006.378	7911778.39	1.1468	A	1.8
9	☐			42685.54	0.0065	P	6.3

$$y = 0.0011 * x + 2.8071E-006$$

$$R = 0.9999$$

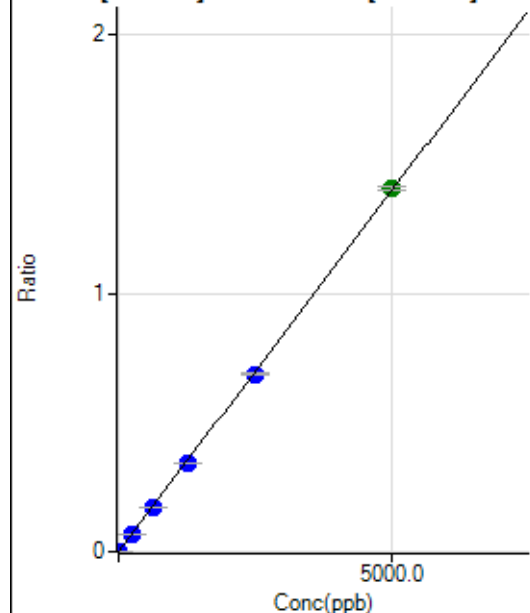
$$DL = 0.01019$$

$$BEC = 0.002463$$

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	91.67	0.0000	P	26.7
2	☐	1.000					
3	☐	10.000	9.458	18557.43	0.0027	P	1.5
4	☐	250.000	244.933	477818.13	0.0684	P	1.1
5	☐	625.000	611.380	1195752.49	0.1708	P	1.3
6	☐	1250.000	1228.029	2369020.93	0.3430	P	0.6
7	☐	2500.000	2459.975	4770987.26	0.6872	P	0.6
8	☐	5000.000	5027.462	9689229.30	1.4044	A	1.0
9	☐			3017.13	0.0005	P	0.8

$$y = 2.7934\text{E-}004 * x + 1.3235\text{E-}005$$

$$R = 0.9999$$

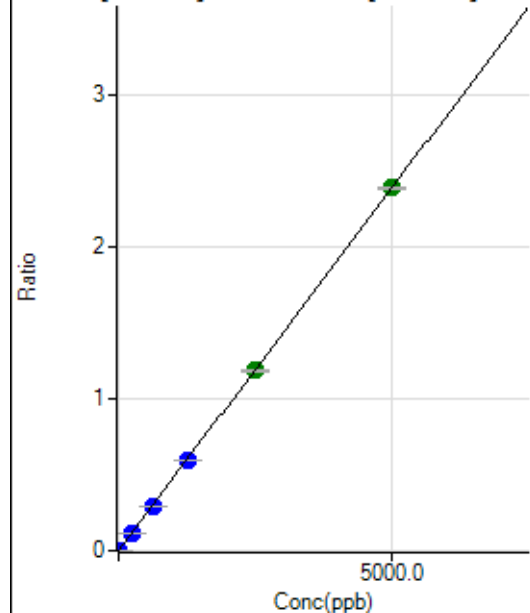
$$DL = 0.03802$$

$$BEC = 0.04738$$

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	97.23	0.0000	P	12.9
2	☐	1.000					
3	☐	10.000	9.586	31979.39	0.0046	P	3.2
4	☐	250.000	248.156	824716.26	0.1181	P	1.2
5	☐	625.000	616.867	2055420.10	0.2936	P	1.5
6	☐	1250.000	1245.694	4094187.81	0.5929	P	0.3
7	☐	2500.000	2487.835	8220382.13	1.1840	A	0.7
8	☐	5000.000	5008.269	16445091.86	2.3835	A	0.6
9	☐			5545.80	0.0008	P	9.0

$$y = 4.7591\text{E-}004 * x + 1.4049\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01144$$

$$BEC = 0.02952$$

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
2	☐						
3	☐			4.44		P	173.2
4	☐			31.11		P	65.5
5	☐			53.34		P	33.1
6	☐			100.00		P	11.5
7	☐			211.12		P	21.0
8	☐			368.91		P	1.0
9	☐			128.89		P	32.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	0.0
4	☐			4.44		P	43.4
5	☐			7.78		P	24.7
6	☐			8.89		P	78.1
7	☐			25.56		P	32.8
8	☐			46.67		P	18.9
9	☐			33.33		P	36.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐						
3	☐			16.67		P	50.0
4	☐			30.56		P	41.7
5	☐			27.78		P	69.3
6	☐			50.00		P	28.9
7	☐			66.67		P	21.6
8	☐			111.12		P	38.5
9	☐			122.23		P	28.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			3.33		P	173.2
4	☐			3.33		P	0.0
5	☐			4.45		P	86.6
6	☐			17.78		P	47.2
7	☐			21.11		P	18.2
8	☐			16.67		P	34.6
9	☐			46.67		P	31.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			33.33		P	50.0
4	☐			41.67		P	52.9
5	☐			55.56		P	8.7
6	☐			52.78		P	65.7
7	☐			69.45		P	6.9
8	☐			75.00		P	55.6
9	☐			111.12		P	21.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	36.7
2	☐						
3	☐			18.89		P	62.0
4	☐			23.33		P	24.7
5	☐			20.00		P	16.7
6	☐			21.11		P	55.4
7	☐			27.78		P	25.0
8	☐			45.56		P	4.2
9	☐			57.78		P	27.3

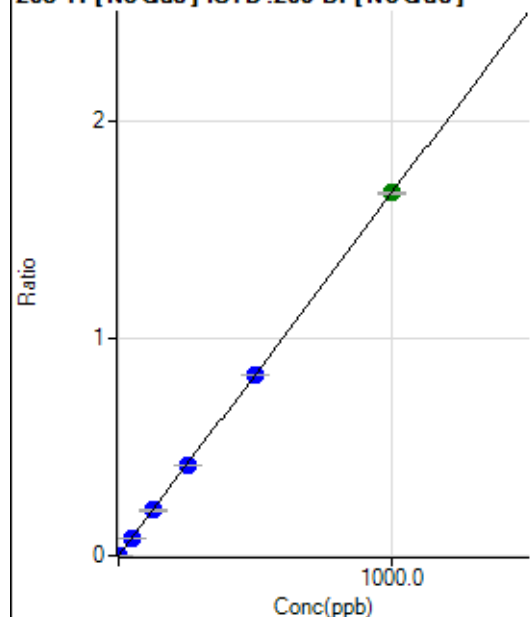
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐						
3	☐			38.89		P	49.5
4	☐			25.00		P	88.2
5	☐			25.00		P	0.0
6	☐			33.34		P	43.3
7	☐			36.11		P	13.3
8	☐			47.22		P	36.7
9	☐			77.78		P	6.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	48.0
2	☐						
3	☐			18.89		P	53.9
4	☐			13.33		P	100.0
5	☐			10.00		P	33.3
6	☐			18.89		P	71.3
7	☐			13.33		P	66.2
8	☐			16.66		P	34.6
9	☐			37.78		P	5.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.969	6846.51	0.0016	P	1.6
4	☐	50.000	49.758	346272.50	0.0831	P	0.1
5	☐	125.000	124.832	867910.67	0.2085	P	0.8
6	☐	250.000	249.067	1706940.21	0.4160	P	0.5
7	☐	500.000	498.008	3393612.19	0.8318	P	0.3
8	☐	1000.000	1001.262	6653616.16	1.6724	A	0.3
9	☐			1797.44	0.0005	P	8.9

$$y = 0.0017 * x + 2.4772E-005$$

$$R = 1.0000$$

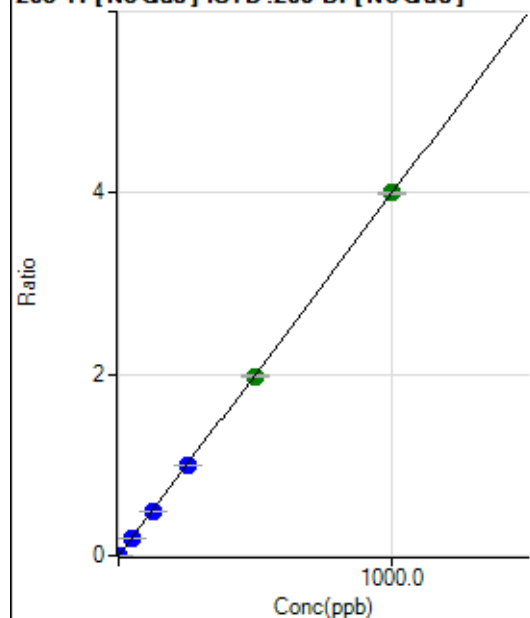
$$DL = 0.004205$$

$$BEC = 0.01483$$

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	327.80	0.0001	P	11.7
2	☐	0.100					
3	☐	1.000	0.938	15912.88	0.0038	P	3.0
4	☐	50.000	49.914	829877.20	0.1992	P	0.5
5	☐	125.000	124.235	2063532.38	0.4958	P	0.6
6	☐	250.000	248.039	4060873.88	0.9898	P	0.6
7	☐	500.000	496.187	8077211.99	1.9799	A	0.4
8	☐	1000.000	1002.497	15914380.74	4.0001	A	0.5
9	☐			4475.98	0.0013	P	5.9

$$y = 0.0040 * x + 7.8996E-005$$

$$R = 1.0000$$

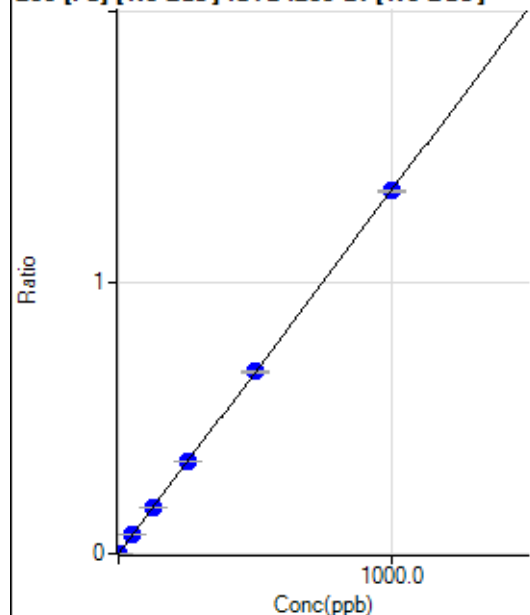
$$DL = 0.006959$$

$$BEC = 0.0198$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	596.33	0.0001	P	7.0
2	☐	0.100					
3	☐	1.000	0.972	6018.20	0.0014	P	2.0
4	☐	50.000	50.559	282424.65	0.0678	P	0.4
5	☐	125.000	125.710	700813.76	0.1684	P	0.8
6	☐	250.000	252.230	1385503.34	0.3377	P	0.5
7	☐	500.000	500.957	2735585.31	0.6706	P	0.7
8	☐	1000.000	998.847	5318577.90	1.3369	P	0.4
9	☐			9696.43	0.0027	P	2.9

$$y = 0.0013 * x + 1.4372E-004$$

$$R = 1.0000$$

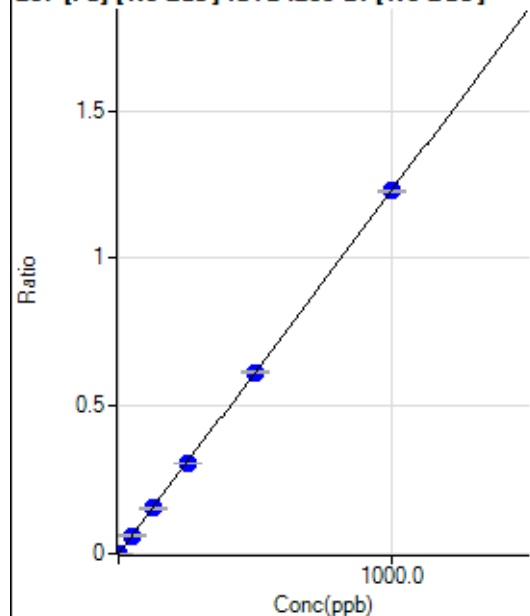
$$DL = 0.02262$$

$$BEC = 0.1074$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	474.10	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.948	5329.00	0.0013	P	1.5
4	☐	50.000	50.170	257295.76	0.0618	P	0.4
5	☐	125.000	124.989	639833.80	0.1537	P	0.9
6	☐	250.000	249.771	1259904.82	0.3071	P	0.6
7	☐	500.000	500.467	2509711.95	0.6152	P	0.5
8	☐	1000.000	999.817	4889070.02	1.2289	P	0.3
9	☐			8408.41	0.0024	P	1.0

$$y = 0.0012 * x + 1.1426E-004$$

$$R = 1.0000$$

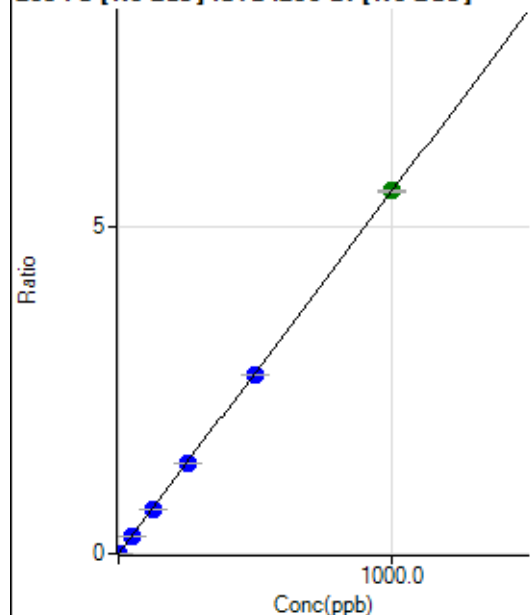
$$DL = 0.02795$$

$$BEC = 0.09297$$

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	2216.81	0.0005	P	4.1
2	☐	0.100					
3	☐	1.000	0.961	24355.78	0.0058	P	0.8
4	☐	50.000	49.758	1147529.28	0.2755	P	0.2
5	☐	125.000	124.365	2862689.64	0.6878	P	0.5
6	☐	250.000	248.393	5633978.16	1.3732	P	0.3
7	☐	500.000	495.383	11170316.19	2.7381	P	0.4
8	☐	1000.000	1002.802	22049081.39	5.5422	A	0.3
9	☐			38904.85	0.0109	P	1.7

$$y = 0.0055 * x + 5.3424E-004$$

$$R = 1.0000$$

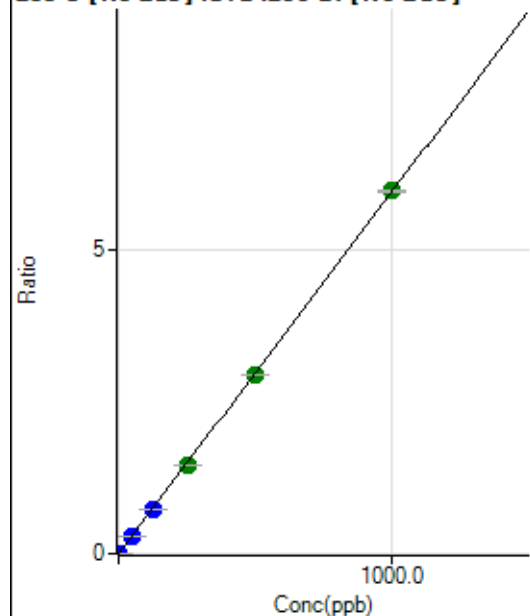
$$DL = 0.01191$$

$$BEC = 0.09668$$

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	661.16	0.0002	P	10.8
2	☐	0.100					
3	☐	1.000	0.941	23972.99	0.0058	P	2.0
4	☐	50.000	48.846	1209872.36	0.2905	P	0.8
5	☐	125.000	122.980	3042890.89	0.7311	P	0.5
6	☐	250.000	244.837	5971003.47	1.4553	A	0.6
7	☐	500.000	495.461	12014199.05	2.9449	A	0.3
8	☐	1000.000	1003.870	23737541.16	5.9666	A	0.7
9	☐			5523.66	0.0015	P	7.2

$$y = 0.0059 * x + 1.5933E-004$$

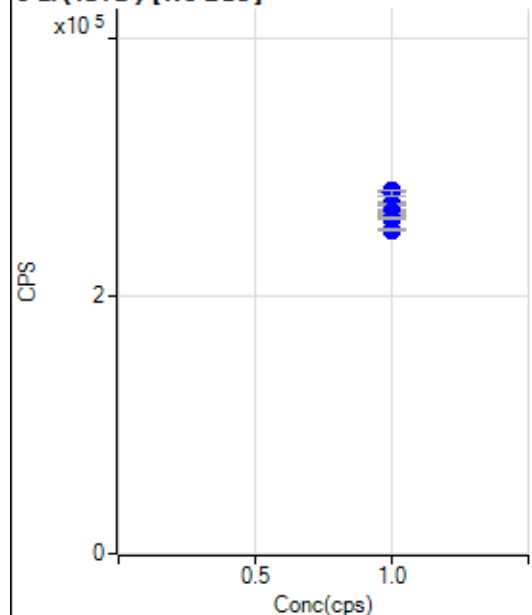
$$R = 1.0000$$

$$DL = 0.008674$$

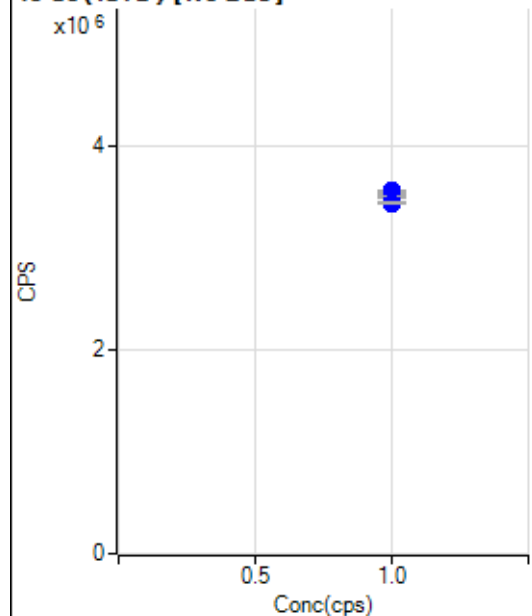
$$BEC = 0.02681$$

Weight: <None>

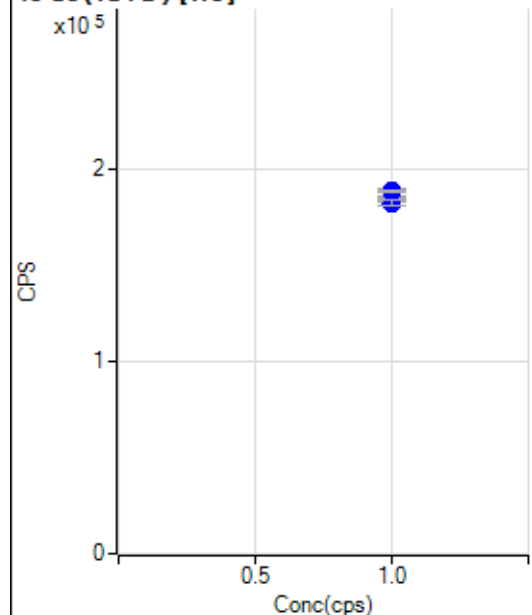
Min Conc: 0

6 Li (ISTD) [No Gas]

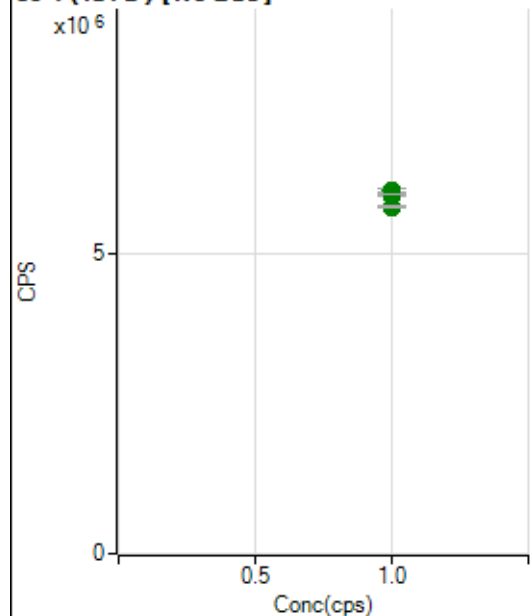
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		272051.46		P	0.4
2	☐	1.000					
3	☐	1.000		281387.38		P	0.6
4	☐	1.000		279862.92		P	1.5
5	☐	1.000		270230.60		P	0.7
6	☐	1.000		265932.78		P	0.9
7	☐	1.000		263439.79		P	0.2
8	☐	1.000		260077.86		P	0.3
9	☐	1.000		251073.44		P	0.5

45 Sc (ISTD) [No Gas]

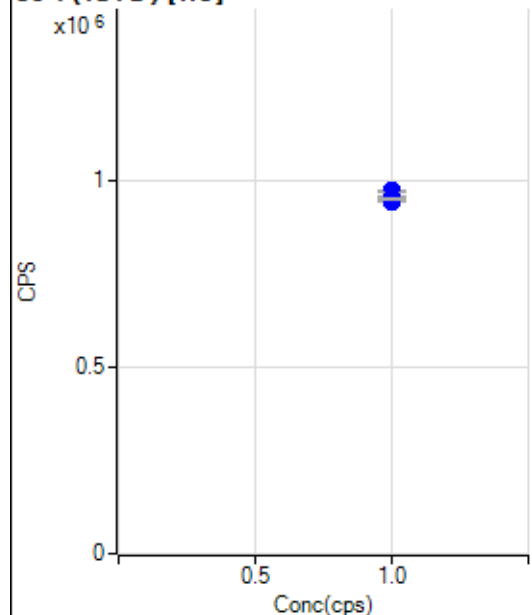
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3504881.28		P	0.7
2	☐	1.000					
3	☐	1.000		3551872.13		P	0.2
4	☐	1.000		3553877.47		P	0.7
5	☐	1.000		3517456.59		P	0.9
6	☐	1.000		3495771.26		P	0.4
7	☐	1.000		3518651.08		P	0.3
8	☐	1.000		3505887.75		P	0.2
9	☐	1.000		3437196.78		P	0.4

45 Sc (ISTD) [He]

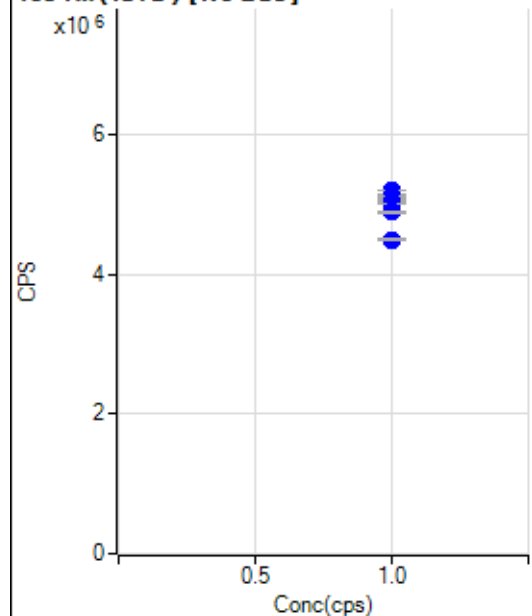
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		183666.27		P	0.7
2	☐	1.000					
3	☐	1.000		185104.66		P	1.1
4	☐	1.000		185457.43		P	0.2
5	☐	1.000		184627.81		P	1.0
6	☐	1.000		184281.59		P	0.8
7	☐	1.000		188637.67		P	1.0
8	☐	1.000		188427.27		P	0.8
9	☐	1.000		182432.20		P	1.3

89 Y (ISTD) [No Gas]

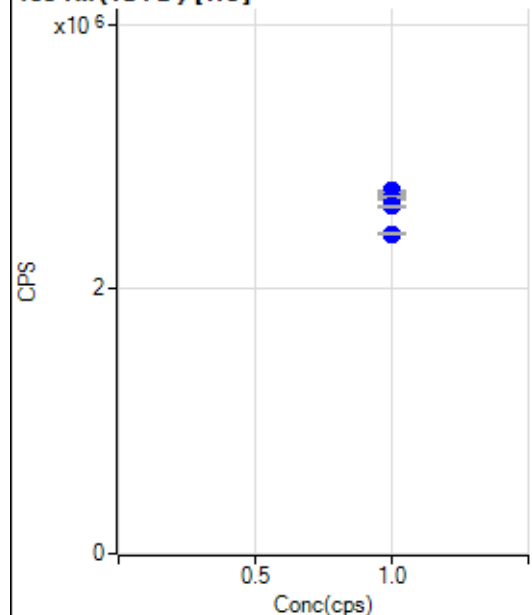
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5957144.22		A	0.5
2	☐	1.000					
3	☐	1.000		6033321.92		A	1.2
4	☐	1.000		6008875.19		A	0.5
5	☐	1.000		6002800.60		A	0.4
6	☐	1.000		5984471.02		A	0.8
7	☐	1.000		5963029.77		A	0.9
8	☐	1.000		5978915.81		A	0.2
9	☐	1.000		5764485.05		A	0.7

89 Y (ISTD) [He]

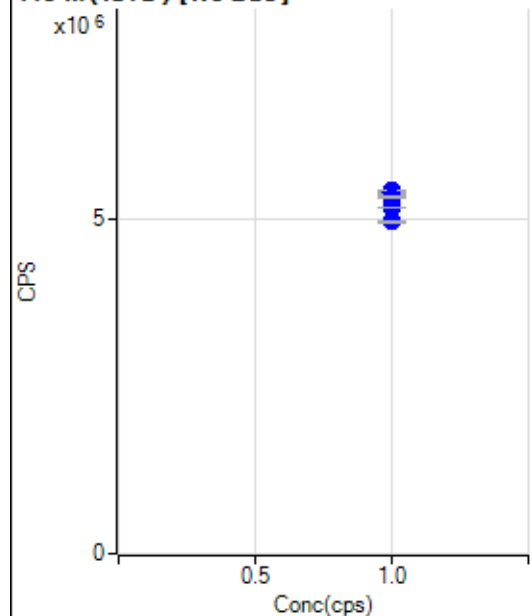
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		947976.73		P	0.9
2	☐	1.000					
3	☐	1.000		944162.73		P	0.5
4	☐	1.000		954347.93		P	0.4
5	☐	1.000		958076.48		P	0.3
6	☐	1.000		953809.91		P	0.6
7	☐	1.000		973171.35		P	0.7
8	☐	1.000		968673.30		P	0.2
9	☐	1.000		952690.10		P	0.6

103 Rh (ISTD) [No Gas]

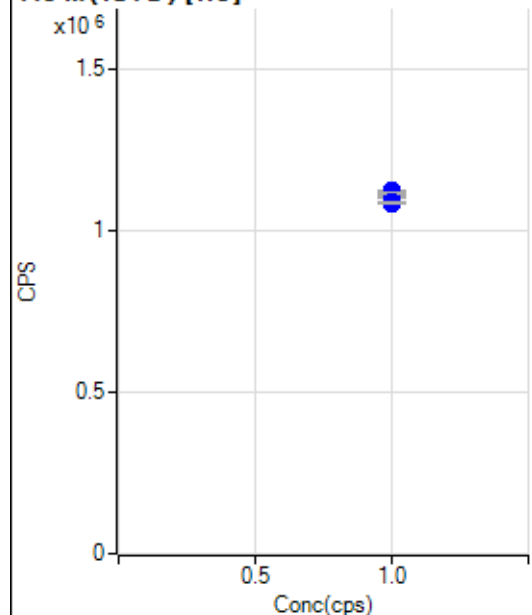
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5112287.96		P	0.1
2	☐	1.000					
3	☐	1.000		5189779.11		P	0.1
4	☐	1.000		5122722.81		P	0.5
5	☐	1.000		5109387.23		P	0.3
6	☐	1.000		5040478.71		P	0.5
7	☐	1.000		5006815.65		P	0.3
8	☐	1.000		4893137.87		P	0.5
9	☐	1.000		4494856.53		P	0.7

103 Rh (ISTD) [He]

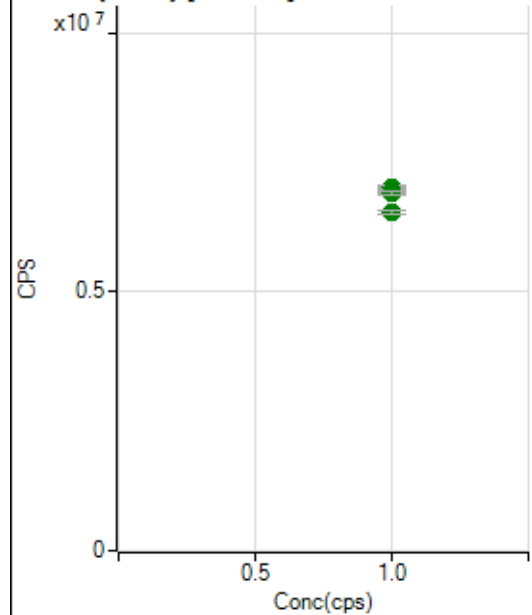
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2726193.22		P	0.2
2	☐	1.000					
3	☐	1.000		2742200.03		P	0.6
4	☐	1.000		2739851.24		P	0.1
5	☐	1.000		2724267.05		P	0.4
6	☐	1.000		2682311.04		P	0.7
7	☐	1.000		2693269.37		P	0.3
8	☐	1.000		2625382.41		P	0.8
9	☐	1.000		2418364.48		P	0.8

115 In (ISTD) [No Gas]

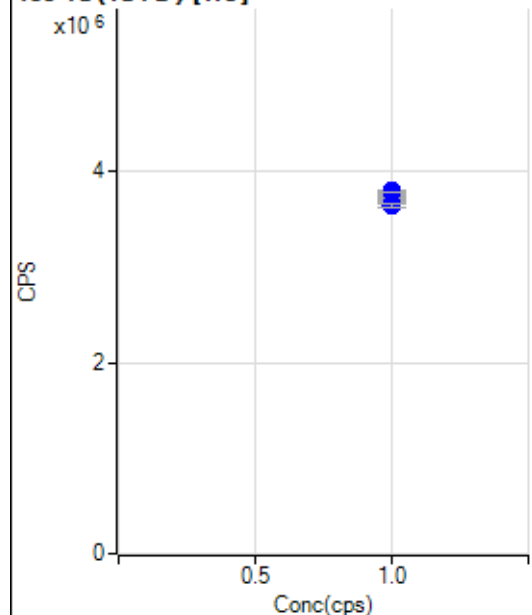
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5374065.42		P	0.5
2	☐	1.000					
3	☐	1.000		5413426.81		P	0.2
4	☐	1.000		5377657.17		M	0.7
5	☐	1.000		5398580.16		P	0.8
6	☐	1.000		5311216.05		P	0.5
7	☐	1.000		5313780.14		P	0.7
8	☐	1.000		5165023.14		P	0.2
9	☐	1.000		4958746.82		P	0.6

115 In (ISTD) [He]

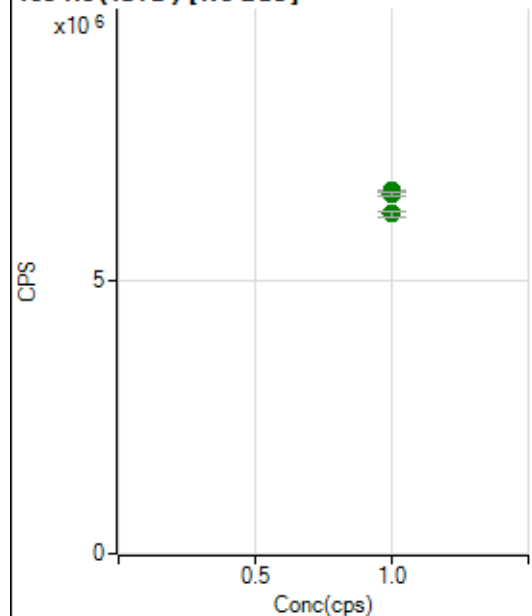
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1119046.49		P	0.7
2	☐	1.000					
3	☐	1.000		1115232.34		P	0.3
4	☐	1.000		1124302.83		P	0.5
5	☐	1.000		1120447.54		P	0.6
6	☐	1.000		1104806.00		P	0.2
7	☐	1.000		1115866.44		P	0.3
8	☐	1.000		1089725.01		P	0.5
9	☐	1.000		1087255.28		P	0.9

159 Tb (ISTD) [No Gas]

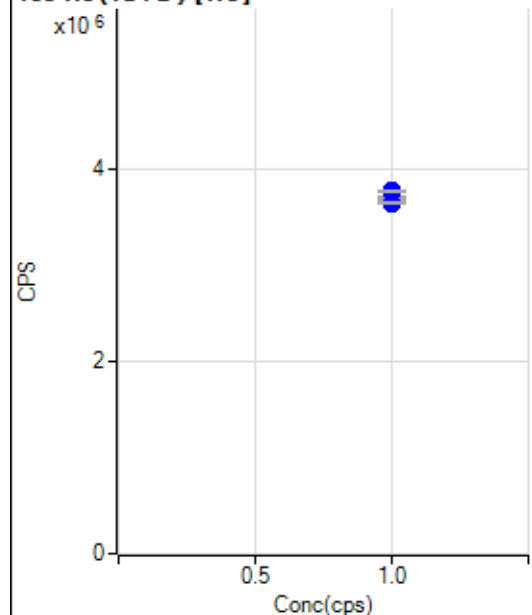
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6919504.20		A	0.6
2	☐	1.000					
3	☐	1.000		6989638.02		A	1.0
4	☐	1.000		6982902.19		A	1.1
5	☐	1.000		7002039.34		A	1.6
6	☐	1.000		6905935.80		A	0.6
7	☐	1.000		6943003.37		A	0.5
8	☐	1.000		6899713.44		A	0.9
9	☐	1.000		6525910.46		A	1.1

159 Tb (ISTD) [He]

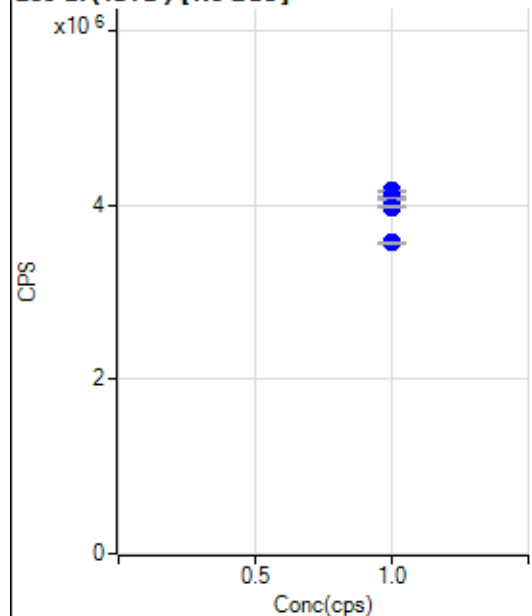
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3688453.97		P	0.5
2	☐	1.000					
3	☐	1.000		3697019.50		P	0.5
4	☐	1.000		3732342.55		P	0.7
5	☐	1.000		3740559.67		P	0.7
6	☐	1.000		3726775.92		P	0.8
7	☐	1.000		3794910.95		P	0.6
8	☐	1.000		3784498.69		P	0.4
9	☐	1.000		3641595.50		P	0.6

165 Ho (ISTD) [No Gas]

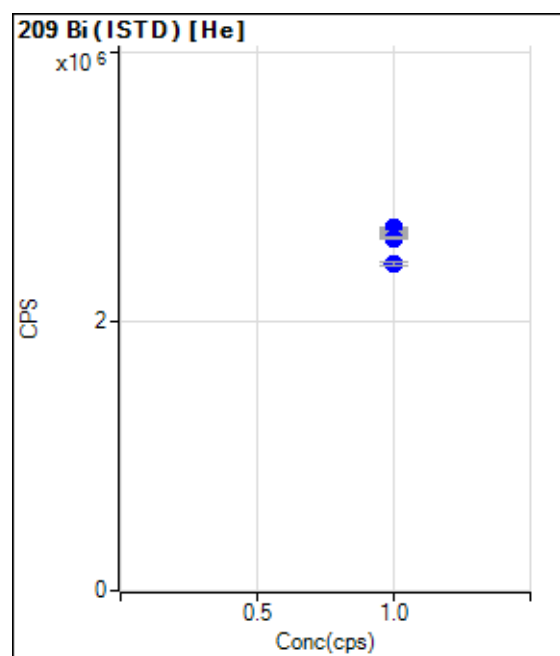
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6628950.45		A	0.1
2	☐	1.000					
3	☐	1.000		6619925.28		A	0.9
4	☐	1.000		6627701.24		A	0.1
5	☐	1.000		6621498.37		A	0.9
6	☐	1.000		6582939.69		A	1.1
7	☐	1.000		6602142.16		A	0.3
8	☐	1.000		6565790.34		A	0.9
9	☐	1.000		6205980.13		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3665753.11		P	0.5
2	☐	1.000					
3	☐	1.000		3661610.78		P	0.3
4	☐	1.000		3711113.80		P	0.3
5	☐	1.000		3714704.04		P	0.3
6	☐	1.000		3711096.99		P	0.6
7	☐	1.000		3776134.60		P	0.2
8	☐	1.000		3769062.03		P	0.6
9	☐	1.000		3650549.32		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4149439.24		P	0.1
2	☐	1.000					
3	☐	1.000		4165941.19		P	0.4
4	☐	1.000		4165188.97		P	0.1
5	☐	1.000		4162077.33		P	0.4
6	☐	1.000		4102801.22		P	0.3
7	☐	1.000		4079614.17		P	0.4
8	☐	1.000		3978408.06		P	0.4
9	☐	1.000		3568957.10		P	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2687754.53		P	0.8
2	☐	1.000					
3	☐	1.000		2683808.81		P	0.7
4	☐	1.000		2694776.04		P	0.2
5	☐	1.000		2694247.11		P	0.7
6	☐	1.000		2658237.86		P	0.9
7	☐	1.000		2666614.13		P	0.5
8	☐	1.000		2617601.92		P	0.6
9	☐	1.000		2426589.45		P	0.8