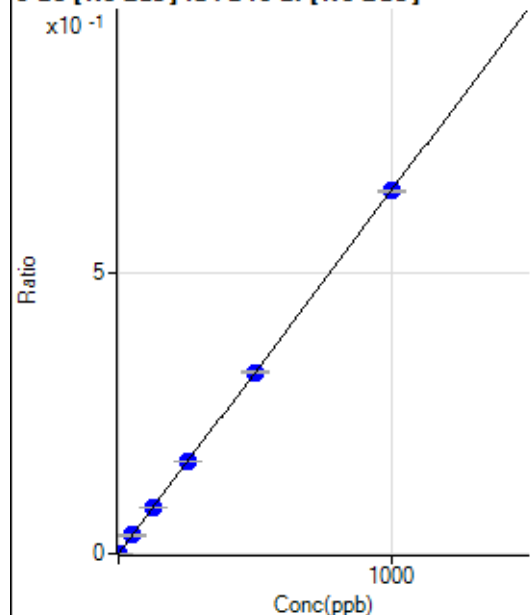


Batch Folder: D:\ICP-MS Data\P7073117-MS.b\
Analysis File: P7073117-MS.batch.bin
DA Date-Time: 2017-08-01 11:24:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-31 13:21:27
2			
3	005CALS.d	S02	2017-07-31 13:29:00
4	006CALS.d	S03	2017-07-31 13:32:49
5	007CALS.d	S04	2017-07-31 13:36:38
6	008CALS.d	S05	2017-07-31 13:40:24
7	009CALS.d	S06	2017-07-31 13:44:07
8	010CALS.d	S07	2017-07-31 13:47:47
9	011CALS.d	S08	2017-07-31 13:51:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.52	0.0001	P	38.0
2	☐	0.100					
3	☐	1.000	0.750	664.85	0.0005	P	17.1
4	☐	50.000	50.231	39707.92	0.0326	P	1.1
5	☐	125.000	126.588	98394.88	0.0822	P	1.4
6	☐	250.000	252.915	197976.59	0.1642	P	0.6
7	☐	500.000	500.262	391739.17	0.3247	P	1.4
8	☐	1000.000	998.931	775599.36	0.6482	P	0.3
9	☐			1172.30	0.0009	P	9.2

$$y = 6.4887\text{E-}004 * x + 5.5859\text{E-}005$$

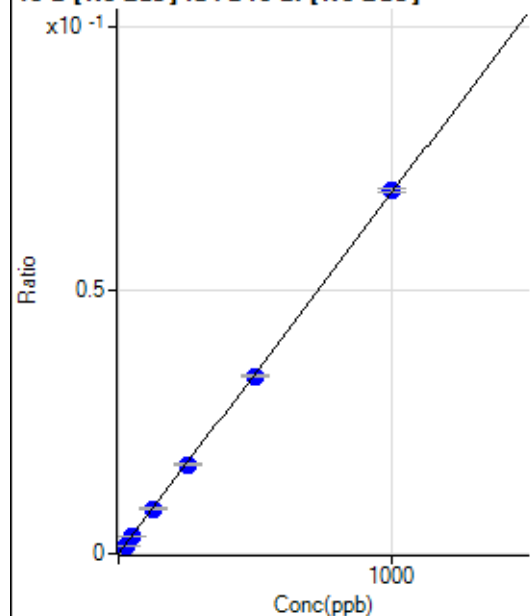
$$R = 1.0000$$

$$DL = 0.09807$$

$$BEC = 0.08609$$

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	58.33	0.0000	P	37.6
2	☐	2.500					
3	☐	25.000	21.577	1869.64	0.0015	P	3.7
4	☐	50.000	47.398	4006.24	0.0033	P	2.1
5	☐	125.000	122.741	10120.42	0.0085	P	3.8
6	☐	250.000	246.207	20395.13	0.0169	P	2.0
7	☐	500.000	492.448	40758.76	0.0338	P	1.9
8	☐	1000.000	1005.222	82441.48	0.0689	P	1.2
9	☐			5331.71	0.0043	P	2.9

$$y = 6.8496\text{E-}005 * x + 4.7574\text{E-}005$$

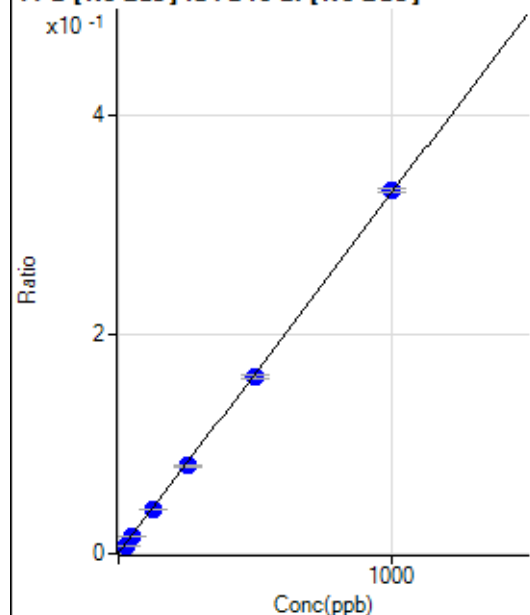
$$R = 1.0000$$

$$DL = 0.7826$$

$$BEC = 0.6946$$

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	422.25	0.0003	P	13.7
2	☐	2.500					
3	☐	25.000	21.025	8872.40	0.0072	P	1.1
4	☐	50.000	47.977	19552.15	0.0161	P	2.0
5	☐	125.000	121.731	48194.32	0.0403	P	2.6
6	☐	250.000	243.521	96716.50	0.0802	P	1.4
7	☐	500.000	491.988	195076.87	0.1617	P	2.1
8	☐	1000.000	1006.235	395207.63	0.3303	P	0.9
9	☐			25143.92	0.0203	P	4.9

$$y = 3.2791\text{E-}004 * x + 3.4443\text{E-}004$$

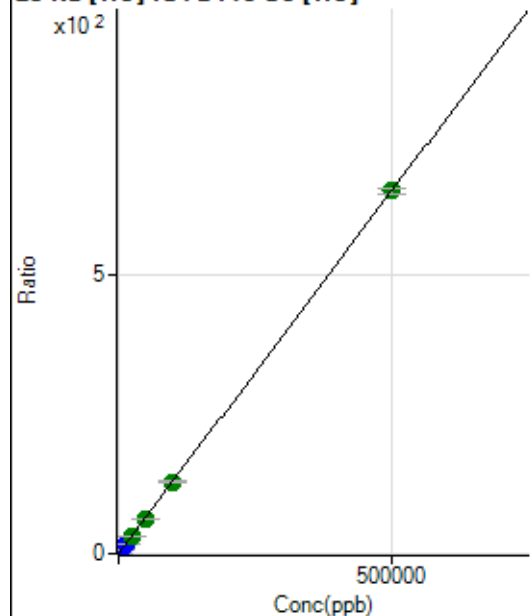
$$R = 0.9999$$

$$DL = 0.4328$$

$$BEC = 1.05$$

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	5445.65	0.0367	P	5.3
2	☐	50.000					
3	☐	500.000	467.037	93616.51	0.6452	P	1.6
4	☐	5000.000	5091.547	963403.42	6.6710	P	1.7
5	☐	12500.000	12923.311	2408438.64	16.8758	P	0.8
6	☐	25000.000	24557.378	4752674.07	32.0351	A	3.3
7	☐	50000.000	48657.970	9503375.38	63.4384	A	1.4
8	☐	100000.00	99132.561	19153001.64	129.2072	A	0.9
9	☐	500000.00	500318.35	100335525.8	651.9554	A	1.9

$$y = 0.0013 * x + 0.0367$$

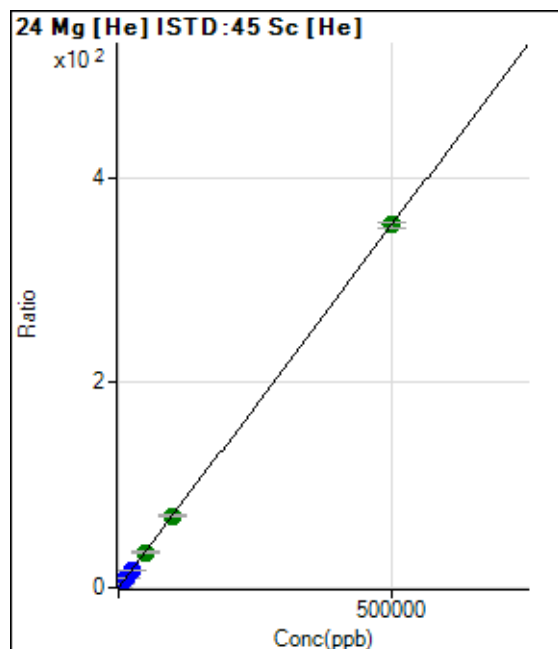
$$R = 1.0000$$

$$DL = 4.46$$

$$BEC = 28.14$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4014.60	0.0270	P	7.3
2	☐	50.000					
3	☐	500.000	440.414	49086.90	0.3383	P	0.1
4	☐	5000.000	5059.380	520306.71	3.6028	P	1.6
5	☐	12500.000	12758.040	1290708.94	9.0438	P	0.4
6	☐	25000.000	24459.851	2568829.60	17.3142	P	3.1
7	☐	50000.000	48665.047	5156384.14	34.4214	A	1.7
8	☐	100000.00	99095.882	10385613.95	70.0638	A	1.2
9	☐	500000.00	500334.34	54427269.97	353.6423	A	1.5

$$y = 7.0676\text{E-}004 * x + 0.0270$$

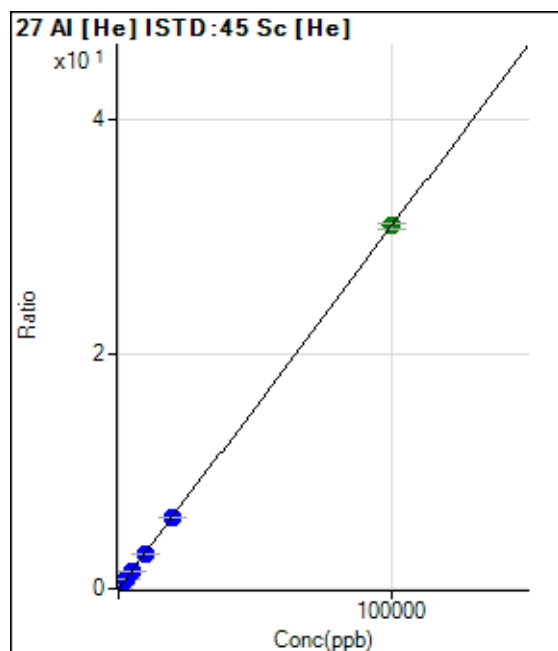
$$R = 1.0000$$

$$DL = 8.32$$

$$BEC = 38.2$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0001	P	138.
2	☐	2.000					
3	☐	20.000	19.326	883.40	0.0061	P	6.7
4	☐	1000.000	1027.012	45768.09	0.3169	P	1.3
5	☐	2500.000	2519.378	110911.99	0.7772	P	2.5
6	☐	5000.000	4863.507	222573.36	1.5002	P	3.2
7	☐	10000.000	9615.446	444314.20	2.9659	P	1.3
8	☐	20000.000	19687.900	900152.95	6.0726	P	1.2
9	☐	100000.00	100106.94	4751963.95	30.8770	A	1.8

$$y = 3.0844\text{E-}004 * x + 1.3048\text{E-}004$$

$$R = 1.0000$$

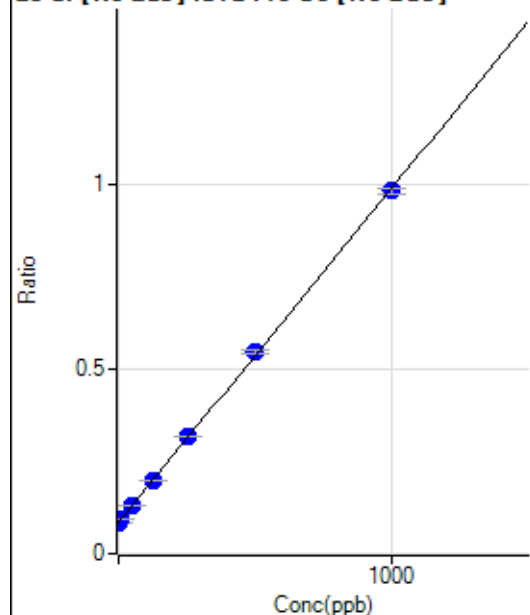
$$DL = 1.756$$

$$BEC = 0.423$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	273617.57	0.0851	P	0.4
2	☐	1.000					
3	☐	10.000	7.589	296498.73	0.0920	P	0.7
4	☐	50.000	49.215	415113.98	0.1297	P	0.3
5	☐	125.000	125.542	639386.73	0.1989	P	0.3
6	☐	250.000	255.799	1019074.55	0.3170	P	0.5
7	☐	500.000	512.044	1775763.50	0.5493	P	2.1
8	☐	1000.000	992.524	3255305.78	0.9850	P	1.2
9	☐			322772.21	0.0967	P	1.7

$$y = 9.0664\text{E-}004 * x + 0.0851$$

$$R = 0.9999$$

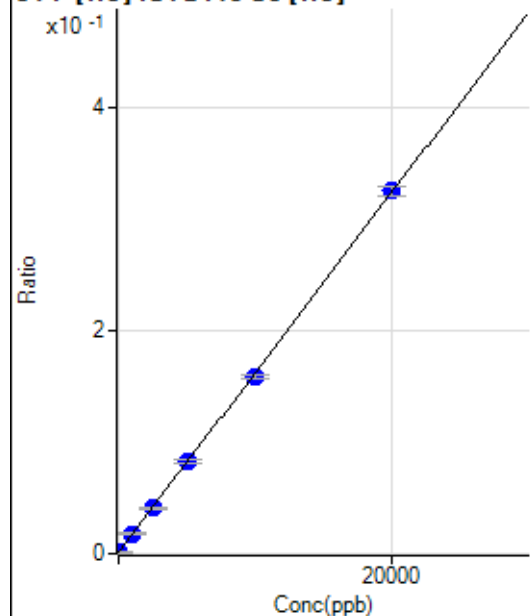
$$DL = 1.03$$

$$BEC = 93.86$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	6.105	166.67	0.0011	P	26.9
2	☐	0.000					
3	☐	0.000	-6.105	133.34	0.0009	P	40.5
4	☐	1000.000	1056.615	2611.47	0.0181	P	1.5
5	☐	2500.000	2469.509	5837.51	0.0409	P	4.2
6	☐	5000.000	5103.995	12375.02	0.0834	P	4.7
7	☐	10000.000	9749.525	23733.59	0.1584	P	2.8
8	☐	20000.000	20100.220	48256.68	0.3256	P	2.7
9	☐			222.23	0.0014	P	38.6

$$y = 1.6147\text{E-}005 * x + 0.0010$$

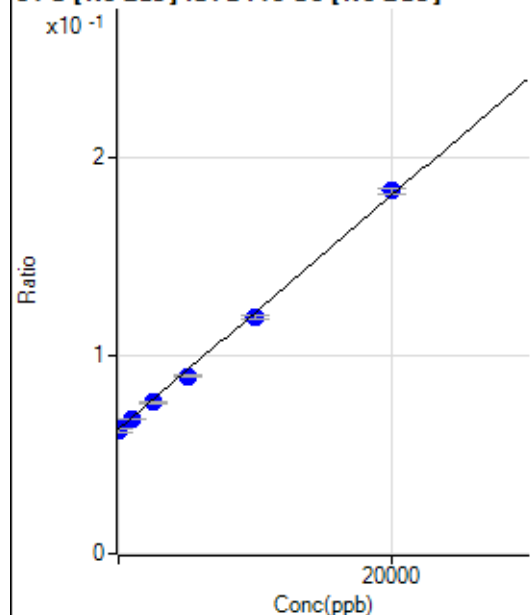
$$R = 0.9999$$

$$DL = 62.75$$

$$BEC = 63.23$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	130.820	205075.25	0.0638	P	0.9
2	☐	0.000					
3	☐	0.000	-130.820	200614.04	0.0622	P	2.5
4	☐	1000.000	922.620	219087.13	0.0685	P	0.2
5	☐	2500.000	2267.209	245604.19	0.0764	P	0.5
6	☐	5000.000	4525.070	288515.54	0.0898	P	0.7
7	☐	10000.000	9572.365	386575.79	0.1196	P	1.8
8	☐	20000.000	20365.518	606002.05	0.1834	P	1.7
9	☐			197706.59	0.0592	P	3.4

$$y = 5.9101\text{E-}006 * x + 0.0630$$

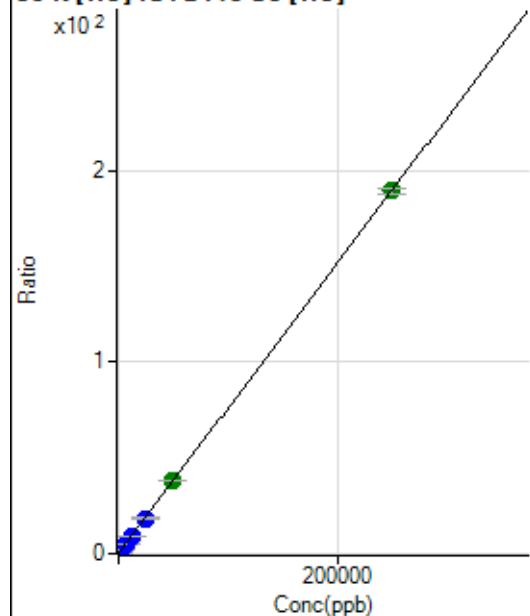
$$R = 0.9993$$

$$DL = 531.3$$

$$BEC = 1.066\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24930.04	0.1678	P	0.5
2	☐	50.000					
3	☐	500.000	454.940	74336.66	0.5123	P	2.1
4	☐	2500.000	2489.711	296466.88	2.0529	P	1.7
5	☐	6250.000	6299.631	704656.65	4.9374	P	0.5
6	☐	12500.000	12137.747	1388367.85	9.3576	P	3.0
7	☐	25000.000	24246.050	2775138.69	18.5251	P	1.5
8	☐	50000.000	49702.155	5603236.02	37.7986	A	0.5
9	☐	250000.00	250152.02	29175914.19	189.5644	A	1.3

$$y = 7.5713\text{E-}004 * x + 0.1678$$

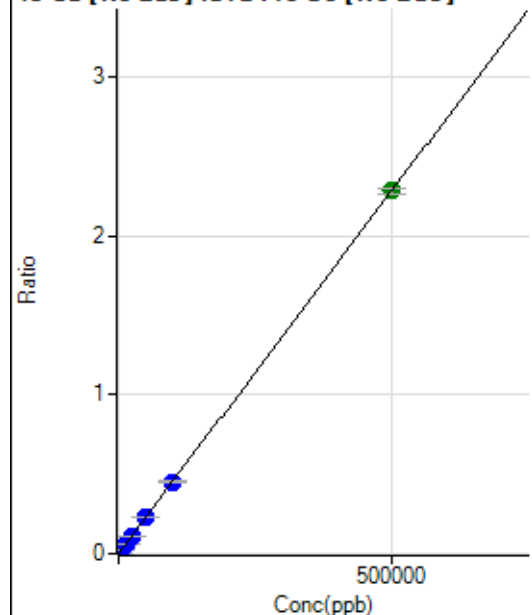
$$R = 1.0000$$

$$DL = 3.409$$

$$BEC = 221.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	9.7
2	☐	50.000					
3	☐	500.000	466.635	6963.04	0.0022	P	2.0
4	☐	5000.000	5080.791	74222.38	0.0232	P	0.2
5	☐	12500.000	12371.062	181365.85	0.0564	P	1.5
6	☐	25000.000	24874.001	364592.53	0.1134	P	0.7
7	☐	50000.000	49761.985	733294.47	0.2269	P	2.7
8	☐	100000.00	98945.424	1490789.04	0.4511	P	1.0
9	☐	500000.00	500243.46	7614692.62	2.2803	A	1.4

$$y = 4.5584\text{E-}006 * x + 3.2842\text{E-}005$$

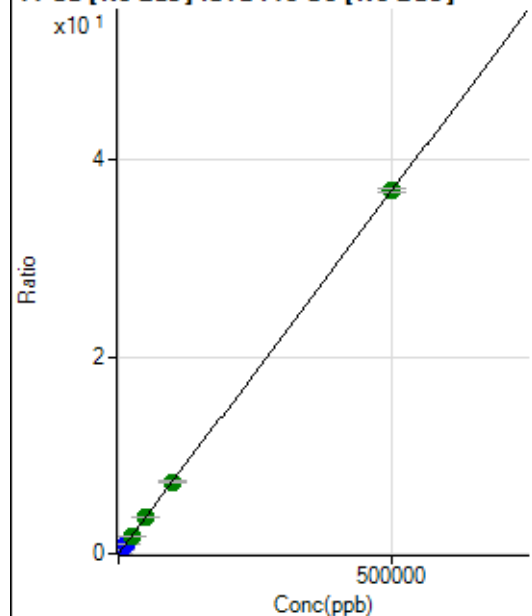
$$R = 1.0000$$

$$DL = 2.097$$

$$BEC = 7.205$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3795.10	0.0012	P	3.8
2	☐	50.000					
3	☐	500.000	441.869	108879.88	0.0338	P	1.4
4	☐	5000.000	5062.574	1198867.28	0.3746	P	0.4
5	☐	12500.000	12515.005	2971221.05	0.9244	P	0.6
6	☐	25000.000	25026.939	5938379.17	1.8473	A	0.8
7	☐	50000.000	49845.568	11889839.85	3.6781	A	2.0
8	☐	100000.00	99161.336	24178523.28	7.3160	A	1.6
9	☐	500000.00	500180.88	123213913.8	36.8979	A	1.2

$$y = 7.3767\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

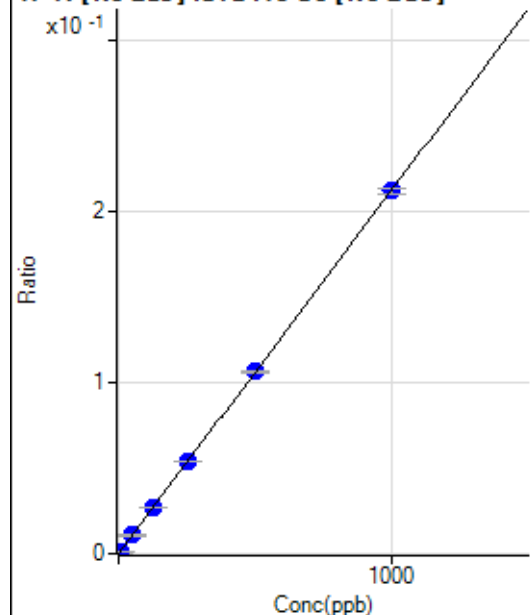
$$DL = 1.823$$

$$BEC = 16$$

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	75.00	0.0000	P	22.0
2	☐	0.500					
3	☐	5.000	4.605	3231.07	0.0010	P	4.4
4	☐	50.000	50.477	34413.14	0.0108	P	1.6
5	☐	125.000	126.271	86357.81	0.0269	P	1.1
6	☐	250.000	253.599	173385.21	0.0539	P	0.6
7	☐	500.000	500.490	344047.17	0.1064	P	1.5
8	☐	1000.000	998.675	701715.87	0.2123	P	1.6
9	☐			1255.67	0.0004	P	5.3

$$y = 2.1259E-004 * x + 2.3317E-005$$

$$R = 1.0000$$

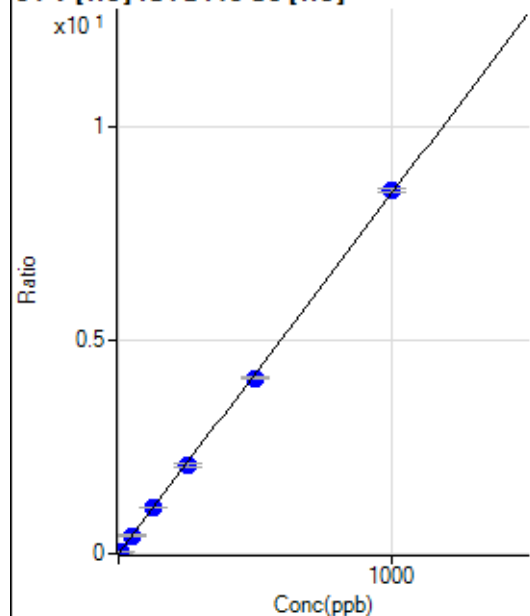
$$DL = 0.07249$$

$$BEC = 0.1097$$

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	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.460	5464.44	0.0377	P	4.3
4	☐	50.000	50.242	61255.40	0.4242	P	2.3
5	☐	125.000	126.861	152857.11	1.0710	P	0.2
6	☐	250.000	245.640	307676.07	2.0738	P	3.2
7	☐	500.000	487.011	615933.03	4.1116	P	1.5
8	☐	1000.000	1007.342	1260628.89	8.5045	P	1.2
9	☐			631.13	0.0041	P	2.6

$$y = 0.0084 * x + 1.5285E-005$$

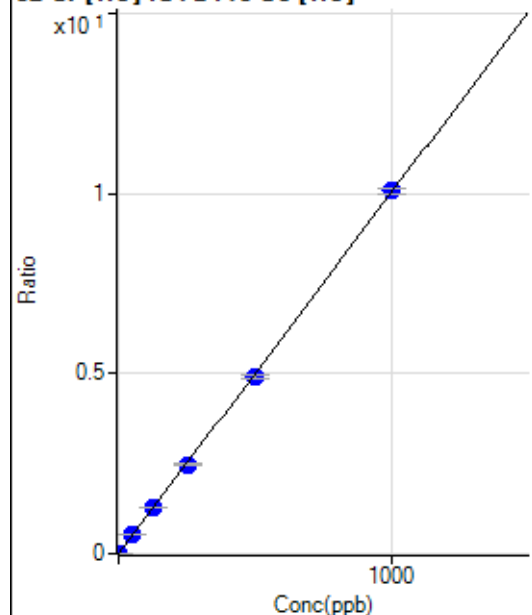
$$R = 0.9999$$

$$DL = 0.009408$$

$$BEC = 0.001811$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	496.68	0.0033	P	5.2
2	☐	0.200					
3	☐	2.000	2.003	3397.11	0.0234	P	3.1
4	☐	50.000	50.918	74173.14	0.5136	P	1.6
5	☐	125.000	129.180	185233.64	1.2979	P	0.7
6	☐	250.000	247.415	368336.63	2.4827	P	3.2
7	☐	500.000	490.372	736641.84	4.9174	P	1.7
8	☐	1000.000	1004.892	1493201.19	10.0735	P	1.3
9	☐			45757.71	0.2973	P	2.6

$$y = 0.0100 * x + 0.0033$$

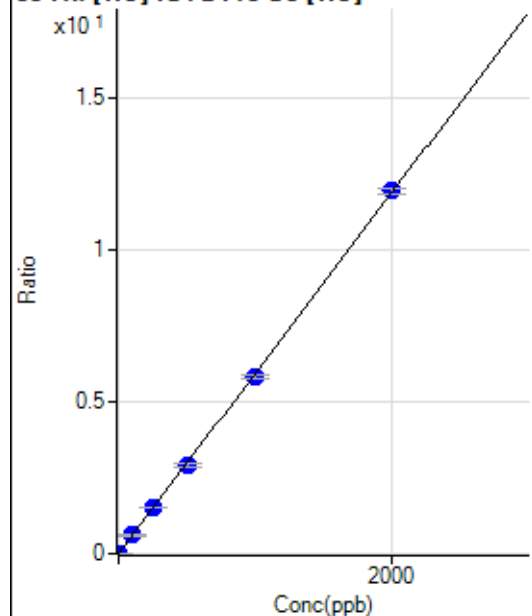
$$R = 0.9999$$

$$DL = 0.05186$$

$$BEC = 0.3338$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.12	0.0016	P	5.6
2	☐	0.100					
3	☐	1.000	0.965	1065.61	0.0073	P	8.6
4	☐	100.000	101.454	87040.01	0.6027	P	1.4
5	☐	250.000	256.401	217025.82	1.5207	P	0.8
6	☐	500.000	492.047	432721.80	2.9167	P	3.3
7	☐	1000.000	978.308	868481.64	5.7976	P	1.7
8	☐	2000.000	2011.961	1767103.81	11.9214	P	1.3
9	☐			10066.92	0.0654	P	3.6

$$y = 0.0059 * x + 0.0016$$

$$R = 0.9999$$

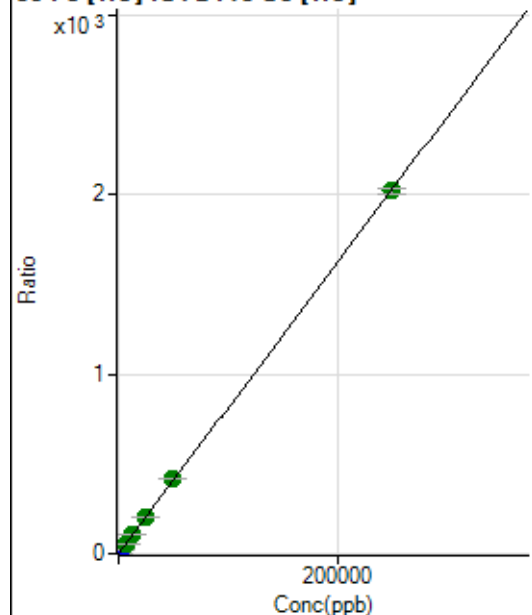
$$DL = 0.04587$$

$$BEC = 0.274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3872.82	0.0261	P	4.0
2	☐	5.000					
3	☐	50.000	48.046	60179.03	0.4148	P	2.6
4	☐	2500.000	2690.688	3147711.01	21.7957	P	1.6
5	☐	6250.000	6669.458	7704790.16	53.9870	A	0.7
6	☐	12500.000	12832.135	15405454.05	103.8477	A	3.7
7	☐	25000.000	25298.724	30667517.12	204.7118	A	1.2
8	☐	50000.000	51676.311	61980546.76	418.1263	A	0.9
9	☐	250000.00	249605.86	310808603.2	2,019.525	A	1.8

$$y = 0.0081 * x + 0.0261$$

$$R = 1.0000$$

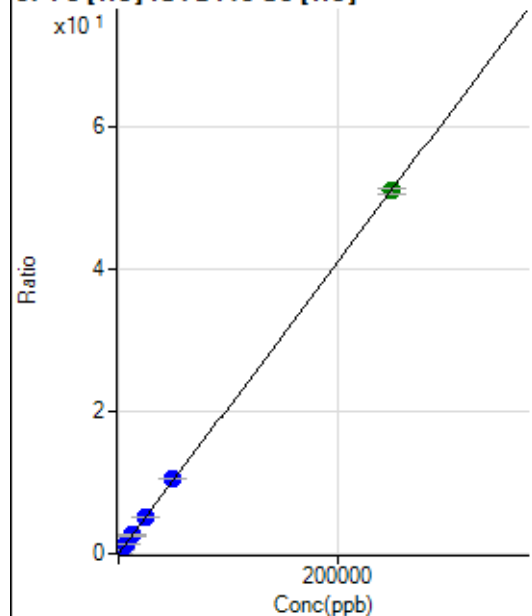
$$DL = 0.3901$$

$$BEC = 3.221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	224.08	0.0015	P	25.0
2	☐	5.000					
3	☐	50.000	53.564	1805.73	0.0124	P	3.6
4	☐	2500.000	2626.076	77632.48	0.5376	P	1.8
5	☐	6250.000	6659.987	194232.52	1.3610	P	1.0
6	☐	12500.000	12756.514	386521.32	2.6055	P	3.6
7	☐	25000.000	25288.041	773522.67	5.1635	P	1.3
8	☐	50000.000	51581.483	1561012.51	10.5307	P	0.8
9	☐	250000.00	249630.56	7842939.59	50.9577	A	1.3

$$y = 2.0413E-004 * x + 0.0015$$

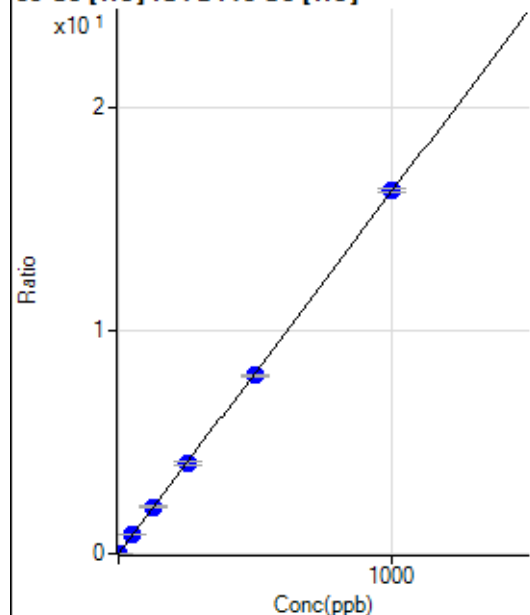
$$R = 1.0000$$

$$DL = 5.547$$

$$BEC = 7.405$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0005	P	19.2
2	☐	0.100					
3	☐	1.000	0.932	2273.55	0.0157	P	3.6
4	☐	50.000	51.907	121871.73	0.8439	P	1.3
5	☐	125.000	130.021	301554.59	2.1130	P	0.4
6	☐	250.000	249.799	602182.33	4.0590	P	3.3
7	☐	500.000	492.900	1199712.63	8.0086	P	1.5
8	☐	1000.000	1002.877	2415326.82	16.2941	P	1.0
9	☐			4458.54	0.0290	P	1.9

$$y = 0.0162 * x + 5.2983E-004$$

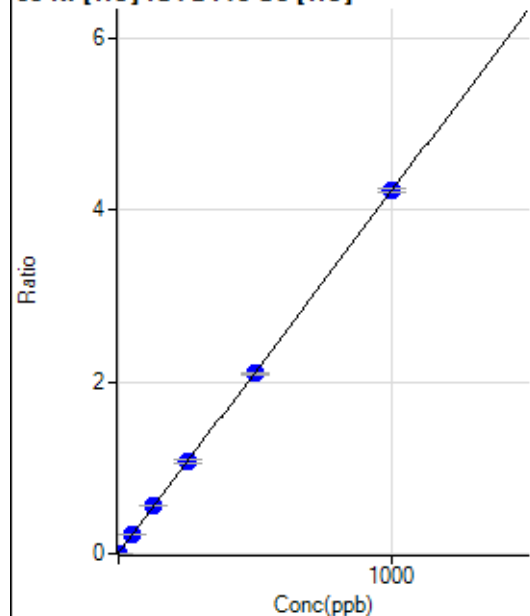
$$R = 0.9999$$

$$DL = 0.01879$$

$$BEC = 0.03261$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	810.04	0.0055	P	7.4
2	☐	0.100					
3	☐	1.000	1.188	1518.99	0.0105	P	5.0
4	☐	50.000	52.698	32910.42	0.2279	P	1.9
5	☐	125.000	131.895	80228.09	0.5621	P	0.6
6	☐	250.000	253.074	159272.75	1.0736	P	3.4
7	☐	500.000	496.304	314614.80	2.1002	P	1.5
8	☐	1000.000	1000.082	626498.19	4.2264	P	1.1
9	☐			11755.99	0.0764	P	2.3

$$y = 0.0042 * x + 0.0055$$

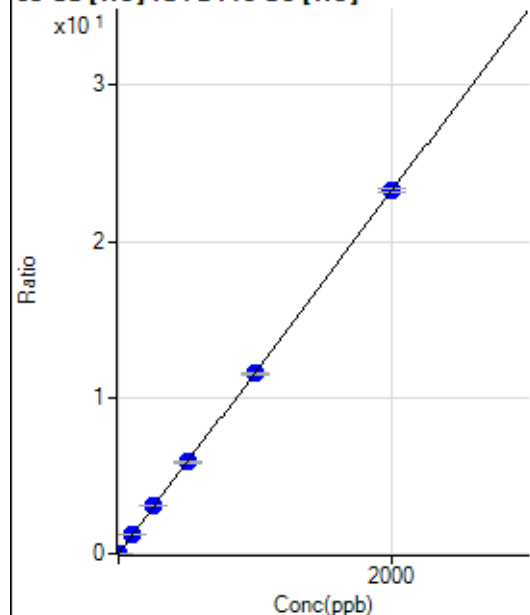
$$R = 1.0000$$

$$DL = 0.2871$$

$$BEC = 1.293$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	516.68	0.0035	P	2.2
2	☐	0.200					
3	☐	2.000	2.217	4240.68	0.0292	P	2.0
4	☐	100.000	104.892	176414.83	1.2215	P	1.5
5	☐	250.000	264.033	438083.74	3.0696	P	0.3
6	☐	500.000	503.971	868760.17	5.8558	P	3.3
7	☐	1000.000	991.839	1725917.82	11.5212	P	1.5
8	☐	2000.000	2001.089	3445054.53	23.2411	P	1.2
9	☐			8392.52	0.0545	P	2.1

$$y = 0.0116 * x + 0.0035$$

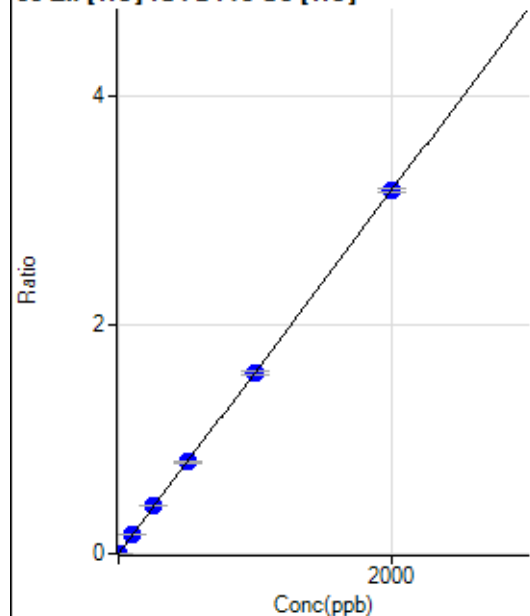
$$R = 1.0000$$

$$DL = 0.01977$$

$$BEC = 0.2994$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0004	P	16.3
2	☐	0.200					
3	☐	2.000	2.046	522.24	0.0036	P	2.5
4	☐	100.000	106.675	24447.32	0.1693	P	1.9
5	☐	250.000	265.875	60139.82	0.4214	P	0.3
6	☐	500.000	503.163	118259.53	0.7971	P	3.5
7	☐	1000.000	997.666	236721.01	1.5802	P	1.7
8	☐	2000.000	1998.058	469068.20	3.1644	P	1.1
9	☐			4361.83	0.0283	P	2.1

$$y = 0.0016 * x + 3.5901E-004$$

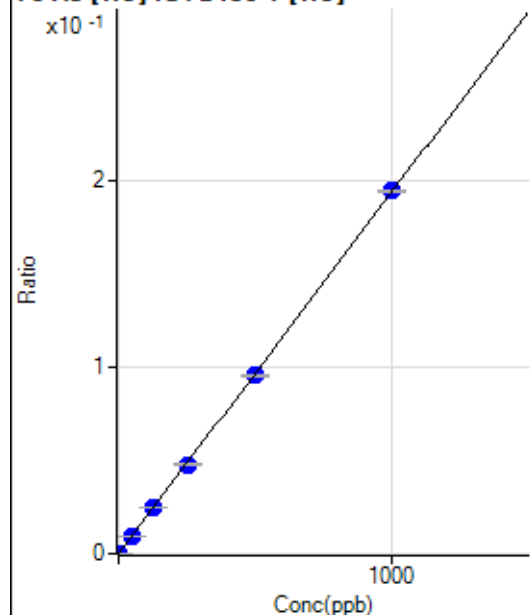
$$R = 1.0000$$

$$DL = 0.1108$$

$$BEC = 0.2267$$

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	6.17	0.0000	P	105.
2	☐	0.100					
3	☐	1.000	0.958	177.16	0.0002	P	19.9
4	☐	50.000	50.035	8862.64	0.0097	P	1.2
5	☐	125.000	126.548	22319.03	0.0245	P	0.3
6	☐	250.000	246.039	44764.26	0.0475	P	2.1
7	☐	500.000	492.837	90472.77	0.0952	P	0.9
8	☐	1000.000	1004.377	183356.62	0.1941	P	0.7
9	☐			128.40	0.0001	P	19.3

$$y = 1.9322\text{E-}004 * x + 6.6256\text{E-}006$$

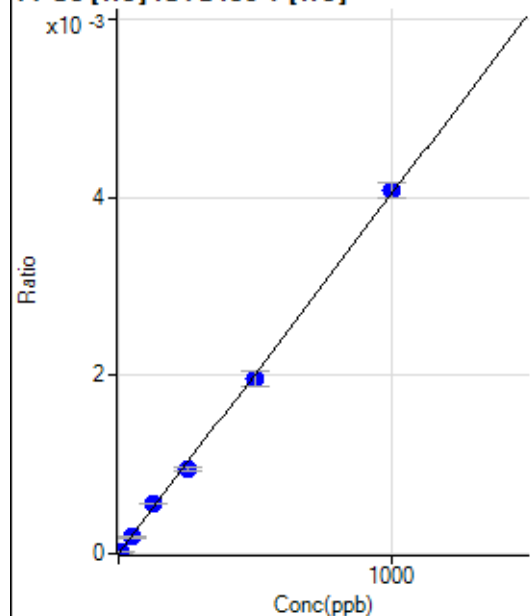
$$R = 0.9999$$

$$DL = 0.1088$$

$$BEC = 0.03429$$

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	4.174	17.78	0.0000	P	29.1
4	☐	50.000	46.515	174.45	0.0002	P	14.9
5	☐	125.000	138.918	514.46	0.0006	P	2.4
6	☐	250.000	235.714	898.93	0.0010	P	3.9
7	☐	500.000	486.552	1869.04	0.0020	P	9.6
8	☐	1000.000	1008.734	3852.80	0.0041	P	4.2
9	☐			6.67	0.0000	P	49.3

$$y = 4.0408\text{E-}006 * x + 2.3768\text{E-}006$$

$$R = 0.9996$$

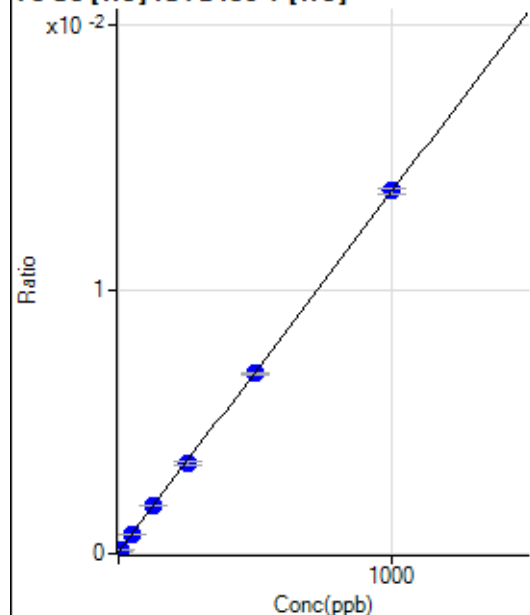
$$DL = 1.528$$

$$BEC = 0.5882$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.05	0.0001	P	21.8
2	☐	0.500					
3	☐	5.000	4.290	119.14	0.0001	P	12.3
4	☐	50.000	50.285	692.62	0.0008	P	2.0
5	☐	125.000	129.535	1676.04	0.0018	P	1.6
6	☐	250.000	246.639	3233.11	0.0034	P	2.9
7	☐	500.000	495.342	6483.59	0.0068	P	1.3
8	☐	1000.000	1002.592	12981.80	0.0137	P	1.5
9	☐			58.64	0.0001	P	22.6

$$y = 1.3635E-005 * x + 7.0340E-005$$

$$R = 1.0000$$

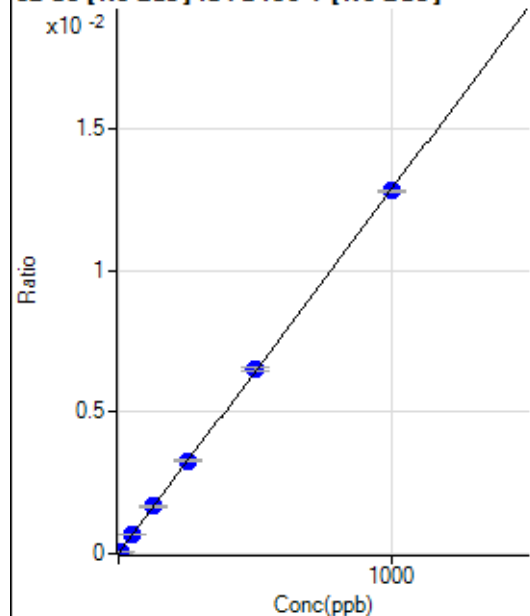
$$DL = 3.367$$

$$BEC = 5.159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.25	0.0000	P	78.7
2	☐	0.500					
3	☐	5.000	4.141	381.58	0.0001	P	11.5
4	☐	50.000	51.576	4135.69	0.0007	P	2.1
5	☐	125.000	128.951	10187.61	0.0017	P	1.0
6	☐	250.000	255.485	20249.07	0.0033	P	0.2
7	☐	500.000	504.078	40126.64	0.0065	P	2.1
8	☐	1000.000	996.021	80205.74	0.0128	P	0.8
9	☐			198.90	0.0000	P	15.8

$$y = 1.2849E-005 * x + 8.8611E-006$$

$$R = 1.0000$$

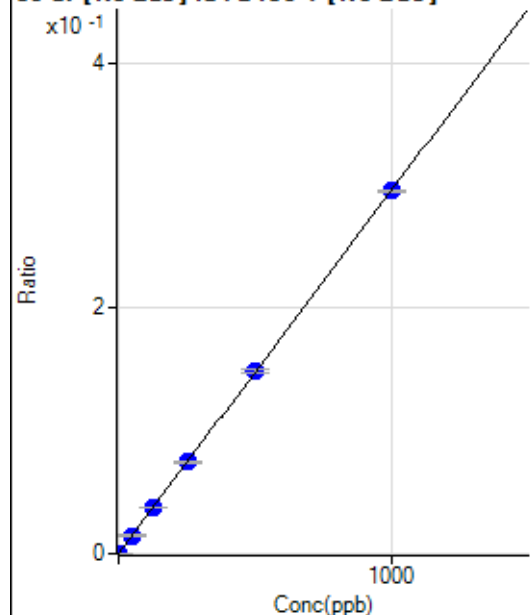
$$DL = 1.629$$

$$BEC = 0.6897$$

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	686.16	0.0001	P	2.9
2	☐	0.100					
3	☐	1.000	0.929	2391.99	0.0004	P	6.3
4	☐	50.000	49.735	91387.02	0.0148	P	1.2
5	☐	125.000	125.594	228138.24	0.0373	P	0.6
6	☐	250.000	251.196	458233.11	0.0745	P	1.3
7	☐	500.000	501.969	920249.67	0.1487	P	2.3
8	☐	1000.000	998.655	1852615.30	0.2958	P	0.3
9	☐			61253.70	0.0100	P	0.9

$$y = 2.9609\text{E-}004 * x + 1.1398\text{E-}004$$

$$R = 1.0000$$

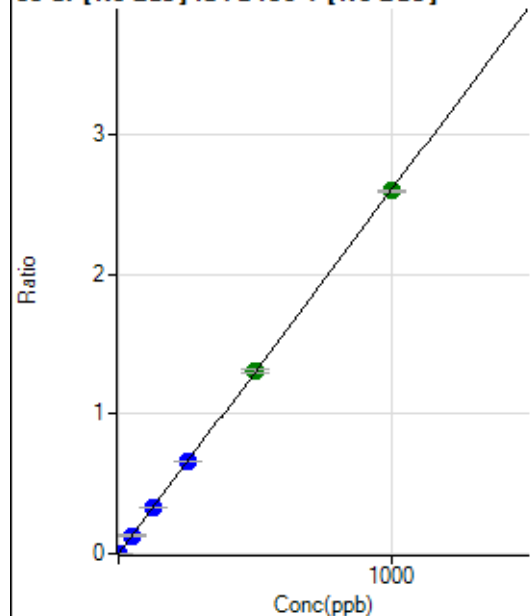
$$DL = 0.03376$$

$$BEC = 0.3849$$

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	575.04	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	0.937	15609.08	0.0025	P	2.8
4	☐	50.000	50.116	805669.45	0.1308	P	1.1
5	☐	125.000	125.790	2007691.54	0.3283	P	0.4
6	☐	250.000	255.348	4098657.47	0.6663	P	0.7
7	☐	500.000	502.472	8110792.28	1.3110	A	2.3
8	☐	1000.000	997.323	16295983.53	2.6019	A	0.3
9	☐			537138.97	0.0874	P	1.0

$$y = 0.0026 * x + 9.5511\text{E-}005$$

$$R = 1.0000$$

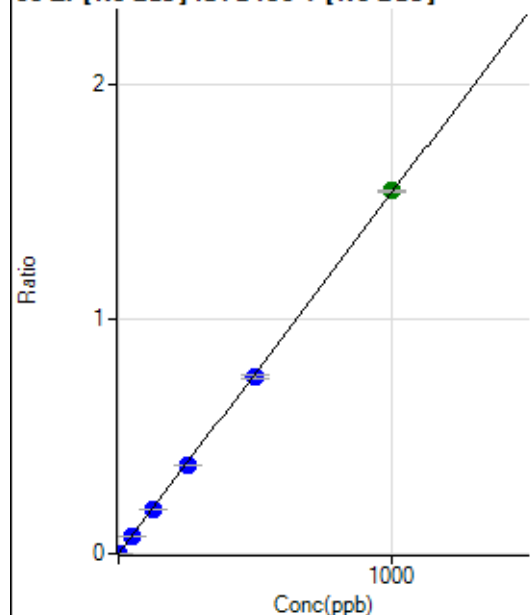
$$DL = 0.008826$$

$$BEC = 0.03661$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.80	0.0001	P	20.1
2	☐	0.100					
3	☐	1.000	0.880	8753.04	0.0014	P	4.7
4	☐	50.000	47.523	450381.17	0.0731	P	0.3
5	☐	125.000	120.351	1132162.88	0.1851	P	0.6
6	☐	250.000	244.945	2317139.85	0.3767	P	1.3
7	☐	500.000	491.875	4679434.44	0.7563	P	2.1
8	☐	1000.000	1006.031	9687825.82	1.5468	A	0.7
9	☐			3472.79	0.0006	P	4.4

$$y = 0.0015 * x + 7.1047E-005$$

$$R = 0.9999$$

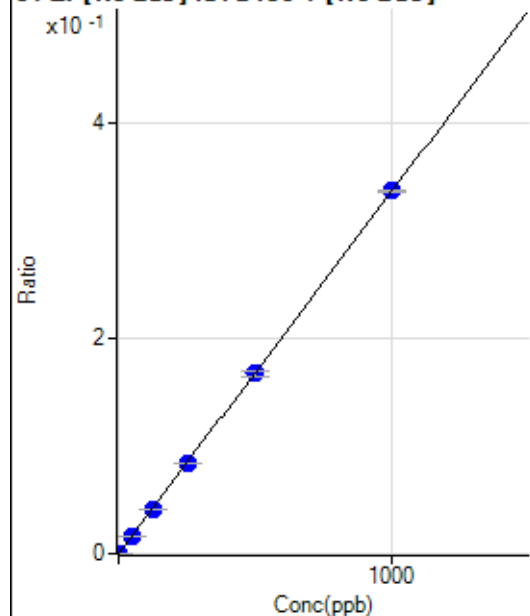
$$DL = 0.02791$$

$$BEC = 0.04621$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	40.3
2	☐	0.100					
3	☐	1.000	0.931	2014.12	0.0003	P	4.5
4	☐	50.000	48.455	100224.72	0.0163	P	0.6
5	☐	125.000	122.807	252139.37	0.0412	P	0.4
6	☐	250.000	248.408	512878.81	0.0834	P	1.1
7	☐	500.000	497.075	1032009.69	0.1668	P	2.8
8	☐	1000.000	1002.212	2106393.19	0.3363	P	0.4
9	☐			702.83	0.0001	P	7.8

$$y = 3.3557E-004 * x + 1.5250E-005$$

$$R = 1.0000$$

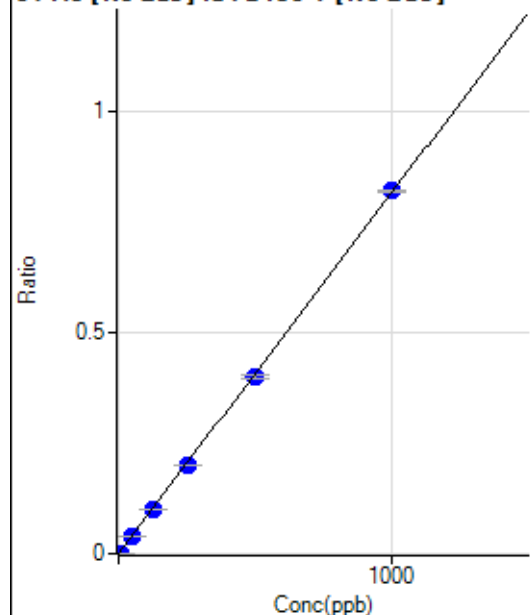
$$DL = 0.05491$$

$$BEC = 0.04544$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	12.4
2	☐	0.500					
3	☐	5.000	2.017	10265.18	0.0017	P	3.0
4	☐	50.000	48.412	243355.71	0.0395	P	0.2
5	☐	125.000	121.627	607001.83	0.0992	P	0.6
6	☐	250.000	246.539	1237397.11	0.2011	P	0.6
7	☐	500.000	491.642	2481483.50	0.4011	P	2.4
8	☐	1000.000	1005.560	5137741.61	0.8203	P	0.4
9	☐			10034.45	0.0016	P	1.6

$$y = 8.1577\text{E-}004 * x + 2.5372\text{E-}005$$

$$R = 0.9999$$

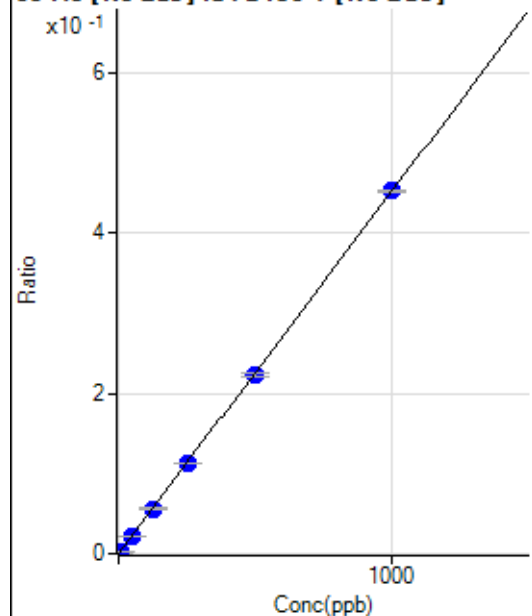
$$DL = 0.01153$$

$$BEC = 0.0311$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.1
2	☐	0.500					
3	☐	5.000	4.456	12397.56	0.0020	P	1.2
4	☐	50.000	49.547	137616.10	0.0223	P	1.1
5	☐	125.000	124.482	343331.15	0.0561	P	0.8
6	☐	250.000	248.855	690297.66	0.1122	P	1.1
7	☐	500.000	495.900	1383400.12	0.2236	P	2.3
8	☐	1000.000	1002.426	2830804.69	0.4520	P	0.7
9	☐			15548.04	0.0025	P	1.8

$$y = 4.5089\text{E-}004 * x + 8.3110\text{E-}006$$

$$R = 1.0000$$

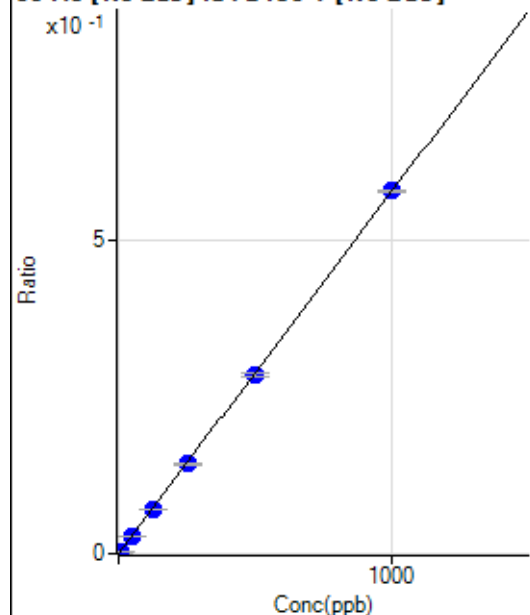
$$DL = 0.01612$$

$$BEC = 0.01843$$

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	86.12	0.0000	P	27.5
2	☐	0.500					
3	☐	5.000	3.812	13618.15	0.0022	P	1.7
4	☐	50.000	49.544	176329.23	0.0286	P	0.9
5	☐	125.000	123.357	435935.67	0.0713	P	0.5
6	☐	250.000	247.664	880220.02	0.1431	P	0.8
7	☐	500.000	495.754	1772087.76	0.2864	P	1.8
8	☐	1000.000	1002.941	3628762.27	0.5794	P	0.4
9	☐			21878.74	0.0036	P	1.9

$$y = 5.7768\text{E-}004 * x + 1.4288\text{E-}005$$

$$R = 1.0000$$

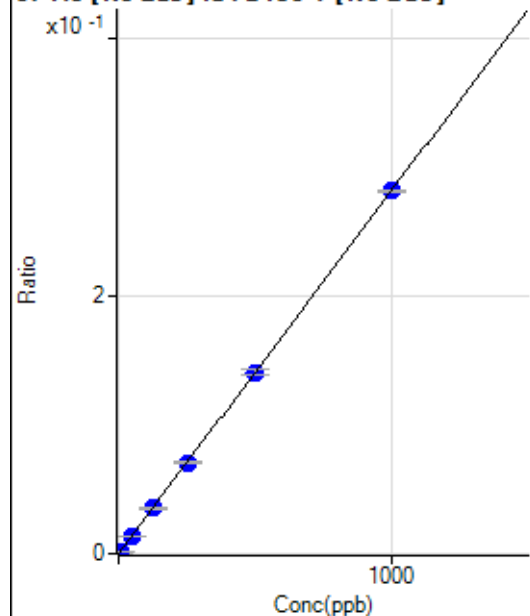
$$DL = 0.02039$$

$$BEC = 0.02473$$

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	30.56	0.0000	P	56.4
2	☐	0.500					
3	☐	5.000	4.584	7960.92	0.0013	P	2.7
4	☐	50.000	49.873	86492.43	0.0140	P	1.1
5	☐	125.000	124.920	215130.86	0.0352	P	1.2
6	☐	250.000	251.148	434992.34	0.0707	P	1.3
7	☐	500.000	500.361	871573.98	0.1409	P	2.4
8	☐	1000.000	999.551	1762495.68	0.2814	P	0.5
9	☐			9495.27	0.0015	P	1.8

$$y = 2.8154\text{E-}004 * x + 5.0712\text{E-}006$$

$$R = 1.0000$$

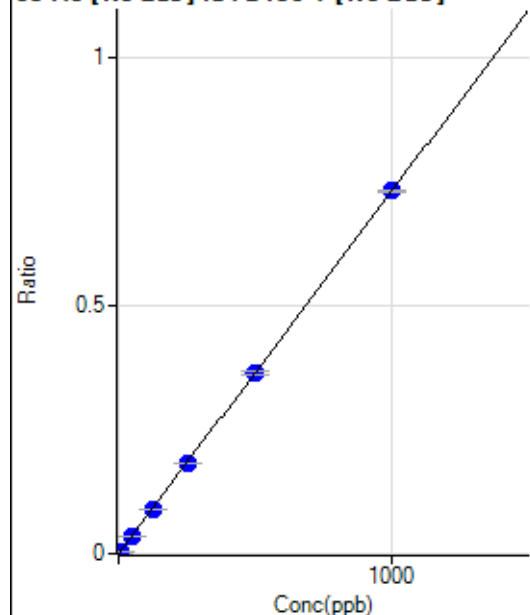
$$DL = 0.03049$$

$$BEC = 0.01801$$

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	55.56	0.0000	P	17.1
2	☐	0.500					
3	☐	5.000	4.422	19895.24	0.0032	P	4.1
4	☐	50.000	49.676	223377.74	0.0363	P	1.5
5	☐	125.000	123.642	552131.32	0.0903	P	1.2
6	☐	250.000	248.741	1117202.13	0.1816	P	0.5
7	☐	500.000	497.660	2247939.57	0.3633	P	2.2
8	☐	1000.000	1001.674	4580109.91	0.7313	P	0.5
9	☐			24872.62	0.0040	P	1.6

$$y = 7.3006\text{E-}004 * x + 9.2254\text{E-}006$$

$$R = 1.0000$$

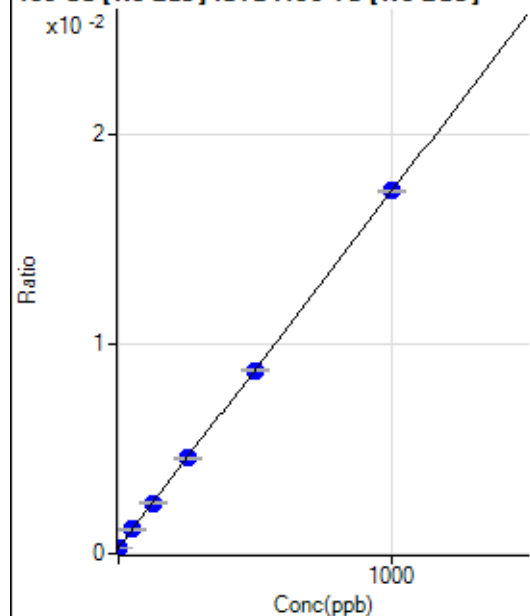
$$DL = 0.006473$$

$$BEC = 0.01264$$

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	2497.56	0.0003	P	5.3
2	☐	0.100					
3	☐	1.000	0.383	2600.37	0.0003	P	8.2
4	☐	50.000	50.792	10009.57	0.0012	P	5.8
5	☐	125.000	125.707	20969.11	0.0024	P	3.2
6	☐	250.000	250.085	39375.12	0.0045	P	1.5
7	☐	500.000	496.903	76082.50	0.0087	P	1.0
8	☐	1000.000	1001.400	150058.32	0.0173	P	0.9
9	☐			2475.34	0.0003	P	4.0

$$y = 1.6997\text{E-}005 * x + 2.9528\text{E-}004$$

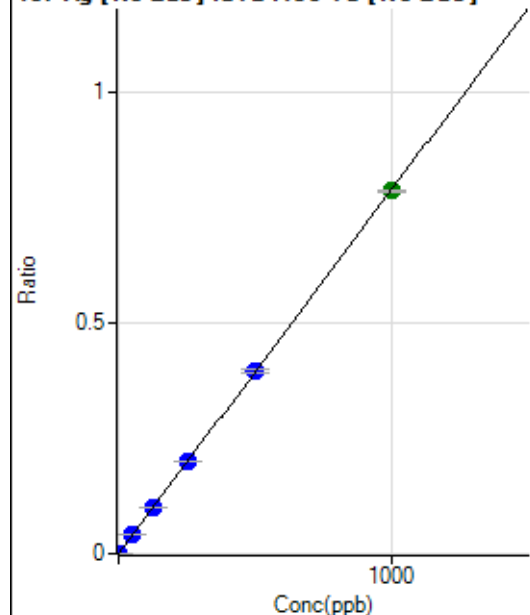
$$R = 1.0000$$

$$DL = 2.779$$

$$BEC = 17.37$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	32.4
2	☐	0.100					
3	☐	1.000	1.253	8583.50	0.0010	P	2.9
4	☐	50.000	51.699	352059.21	0.0407	P	0.5
5	☐	125.000	128.151	870762.75	0.1010	P	1.1
6	☐	250.000	254.840	1739333.65	0.2008	P	0.5
7	☐	500.000	502.553	3446023.52	0.3960	P	2.1
8	☐	1000.000	997.034	6807490.69	0.7856	A	0.7
9	☐			1427.92	0.0002	P	6.8

$$y = 7.8794\text{E-}004 * x + 9.1959\text{E-}006$$

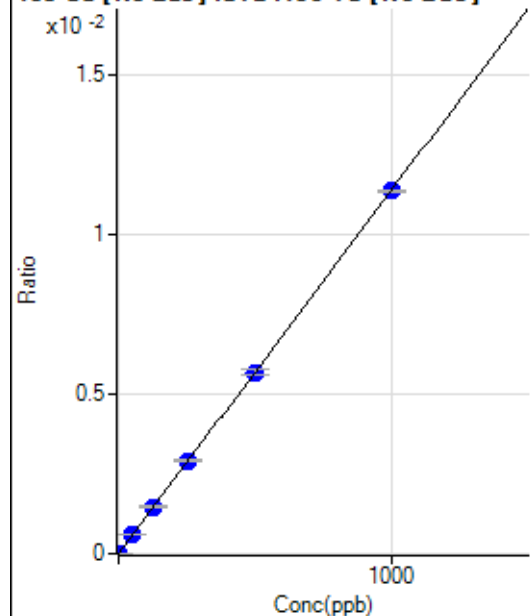
$$R = 1.0000$$

$$DL = 0.01135$$

$$BEC = 0.01167$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.119	112.50	0.0000	P	20.4
4	☐	50.000	52.950	5203.84	0.0006	P	3.9
5	☐	125.000	128.982	12644.75	0.0015	P	3.0
6	☐	250.000	255.501	25158.73	0.0029	P	2.1
7	☐	500.000	499.811	49443.19	0.0057	P	2.4
8	☐	1000.000	998.074	98314.11	0.0113	P	0.3
9	☐			45.83	0.0000	P	15.3

$$y = 1.1367\text{E-}005 * x + 3.3076\text{E-}007$$

$$R = 1.0000$$

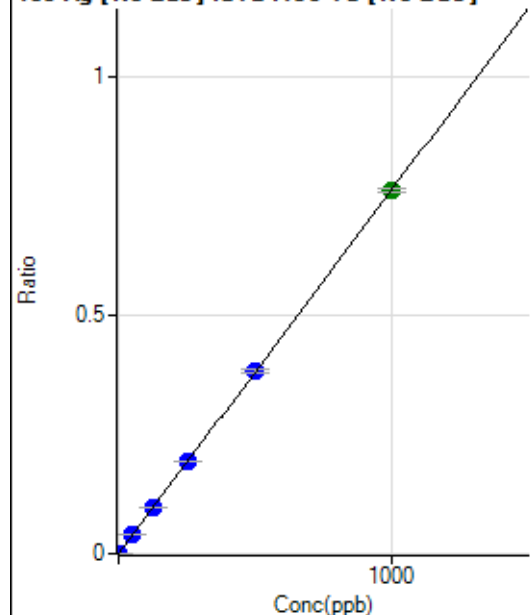
$$DL = 0.07561$$

$$BEC = 0.0291$$

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	38.89	0.0000	P	33.1
2	☐	0.100					
3	☐	1.000	1.233	8127.64	0.0009	P	1.1
4	☐	50.000	51.140	336503.06	0.0389	P	0.7
5	☐	125.000	127.475	837030.96	0.0971	P	0.8
6	☐	250.000	253.297	1670668.06	0.1929	P	0.5
7	☐	500.000	501.433	3322761.44	0.3818	P	2.1
8	☐	1000.000	998.093	6585491.77	0.7600	A	1.0
9	☐			1347.35	0.0002	P	1.4

$$y = 7.6146\text{E-}004 * x + 4.6063\text{E-}006$$

$$R = 1.0000$$

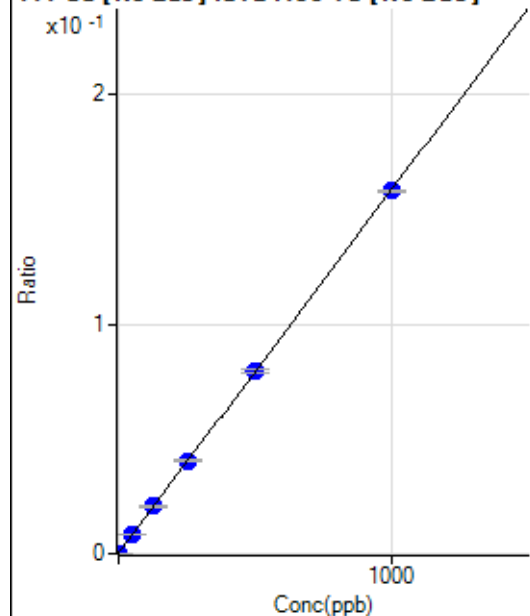
$$DL = 0.006009$$

$$BEC = 0.006049$$

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	1749.12	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.882	2984.64	0.0003	P	7.3
4	☐	50.000	51.575	72283.69	0.0084	P	0.6
5	☐	125.000	128.550	177140.79	0.0205	P	0.9
6	☐	250.000	254.515	350542.54	0.0405	P	0.7
7	☐	500.000	502.400	693465.38	0.0797	P	2.0
8	☐	1000.000	997.149	1368721.16	0.1580	P	0.4
9	☐			2071.50	0.0002	P	1.6

$$y = 1.5820\text{E-}004 * x + 2.0679\text{E-}004$$

$$R = 1.0000$$

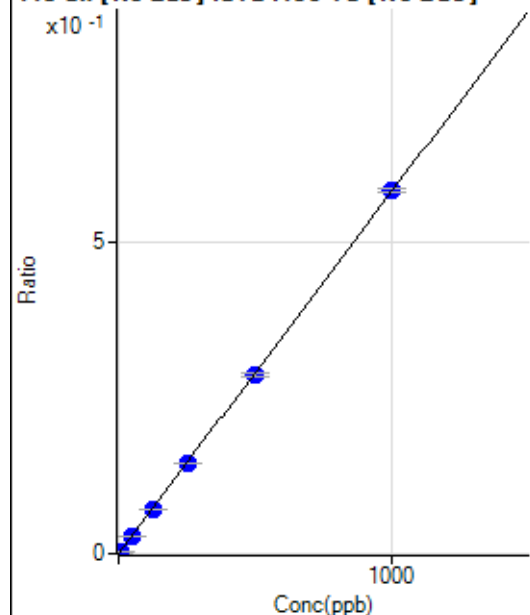
$$DL = 0.2049$$

$$BEC = 1.307$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	688.94	0.0001	P	3.5
2	☐	0.500					
3	☐	5.000	4.421	22819.32	0.0026	P	1.1
4	☐	50.000	50.108	252077.32	0.0292	P	0.5
5	☐	125.000	123.919	621082.63	0.0720	P	1.1
6	☐	250.000	249.119	1253505.55	0.1447	P	0.5
7	☐	500.000	494.542	2499324.97	0.2872	P	2.3
8	☐	1000.000	1003.082	5047080.06	0.5825	P	1.0
9	☐			8341.77	0.0010	P	2.8

$$y = 5.8060\text{E-}004 * x + 8.1453\text{E-}005$$

$$R = 1.0000$$

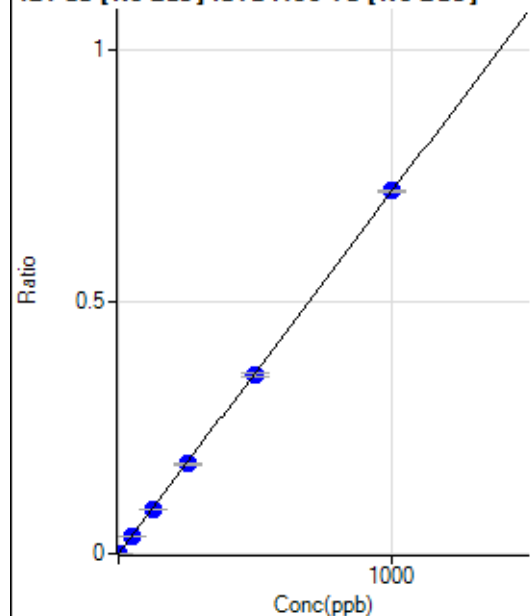
$$DL = 0.01471$$

$$BEC = 0.1403$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.3
2	☐	0.200					
3	☐	2.000	1.830	11335.61	0.0013	P	1.2
4	☐	50.000	48.593	300918.99	0.0348	P	0.7
5	☐	125.000	123.132	760875.03	0.0882	P	1.3
6	☐	250.000	247.734	1537749.08	0.1775	P	0.5
7	☐	500.000	495.479	3089958.47	0.3551	P	2.0
8	☐	1000.000	1003.131	6228995.54	0.7189	P	0.6
9	☐			21428.23	0.0026	P	3.5

$$y = 7.1661\text{E-}004 * x + 4.2818\text{E-}006$$

$$R = 1.0000$$

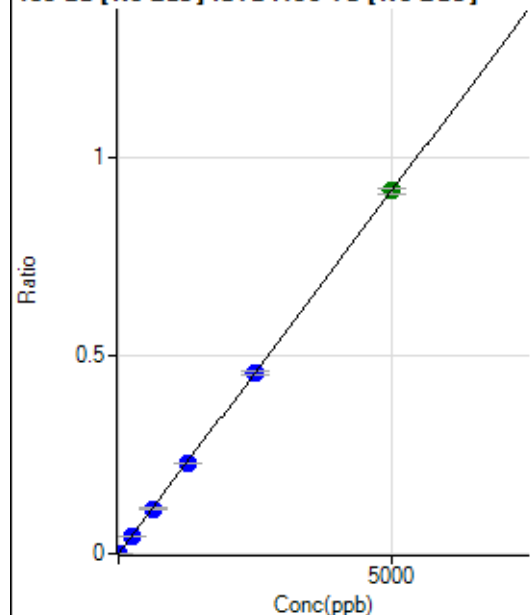
$$DL = 0.008663$$

$$BEC = 0.005975$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	52.1
2	☐	1.000					
3	☐	10.000	9.028	14296.75	0.0017	P	1.2
4	☐	250.000	249.533	395201.11	0.0457	P	0.6
5	☐	625.000	622.705	984146.77	0.1141	P	1.0
6	☐	1250.000	1247.306	1980207.68	0.2286	P	0.3
7	☐	2500.000	2497.724	3983552.30	0.4578	P	2.6
8	☐	5000.000	5002.124	7943915.19	0.9168	A	1.2
9	☐			3714.57	0.0004	P	7.1

$$y = 1.8328E-004 * x + 4.2554E-006$$

$$R = 1.0000$$

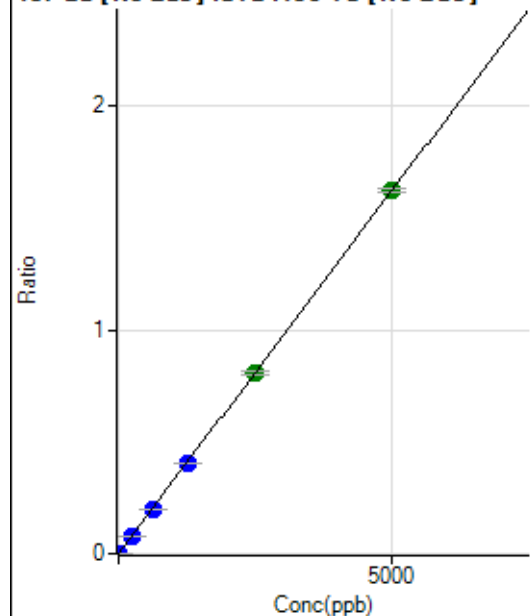
$$DL = 0.03632$$

$$BEC = 0.02322$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	54.8
2	☐	1.000					
3	☐	10.000	8.995	25168.13	0.0029	P	1.9
4	☐	250.000	248.381	695825.48	0.0805	P	0.5
5	☐	625.000	615.857	1721737.04	0.1997	P	0.9
6	☐	1250.000	1245.314	3497121.47	0.4038	P	0.8
7	☐	2500.000	2496.519	7043857.62	0.8094	A	2.1
8	☐	5000.000	5004.138	14058121.84	1.6224	A	1.1
9	☐			6665.75	0.0008	P	2.9

$$y = 3.2421E-004 * x + 4.2915E-006$$

$$R = 1.0000$$

$$DL = 0.02176$$

$$BEC = 0.01324$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			8.89		P	86.6
4	☐			42.22		P	50.8
5	☐			124.45		P	25.3
6	☐			175.56		P	26.7
7	☐			360.02		P	14.0
8	☐			824.50		P	13.1
9	☐			102.23		P	27.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	0.0
5	☐			16.67		P	40.0
6	☐			25.56		P	19.9
7	☐			45.56		P	48.7
8	☐			84.45		P	21.7
9	☐			36.67		P	32.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			13.89		P	34.7
4	☐			33.34		P	66.1
5	☐			41.67		P	34.6
6	☐			50.00		P	33.3
7	☐			63.89		P	32.8
8	☐			186.12		P	6.8
9	☐			152.79		P	24.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			3.33		P	100.
4	☐			5.55		P	124.
5	☐			7.78		P	24.7
6	☐			24.45		P	15.8
7	☐			37.78		P	35.7
8	☐			80.00		P	4.2
9	☐			54.44		P	21.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	26.0
2	☐						
3	☐			75.00		P	96.2
4	☐			75.00		P	22.2
5	☐			69.45		P	18.3
6	☐			94.45		P	40.8
7	☐			94.45		P	48.6
8	☐			80.56		P	51.0
9	☐			100.00		P	50.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	22.8
2	☐						
3	☐			62.22		P	18.8
4	☐			76.67		P	8.7
5	☐			91.12		P	14.8
6	☐			80.00		P	15.0
7	☐			73.34		P	12.0
8	☐			80.00		P	8.3
9	☐			111.12		P	15.1

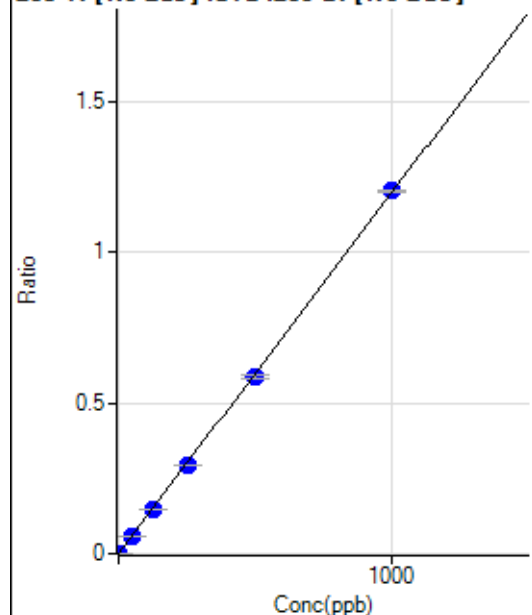
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐						
3	☐			36.11		P	26.7
4	☐			25.00		P	88.2
5	☐			27.78		P	45.8
6	☐			44.45		P	39.0
7	☐			36.11		P	35.3
8	☐			50.00		P	28.9
9	☐			66.67		P	45.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐						
3	☐			17.78		P	28.6
4	☐			27.78		P	79.9
5	☐			13.34		P	43.3
6	☐			14.44		P	35.3
7	☐			21.11		P	50.8
8	☐			30.00		P	44.4
9	☐			44.44		P	4.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	0.881	5929.40	0.0011	P	4.1
4	☐	50.000	47.946	308623.61	0.0574	P	0.7
5	☐	125.000	120.070	763156.59	0.1438	P	0.1
6	☐	250.000	244.481	1537165.16	0.2927	P	0.5
7	☐	500.000	491.389	3053476.46	0.5882	P	2.3
8	☐	1000.000	1006.404	6078201.57	1.2047	P	0.3
9	☐			4311.99	0.0009	P	2.5

$$y = 0.0012 * x + 4.2554E-005$$

$$R = 0.9999$$

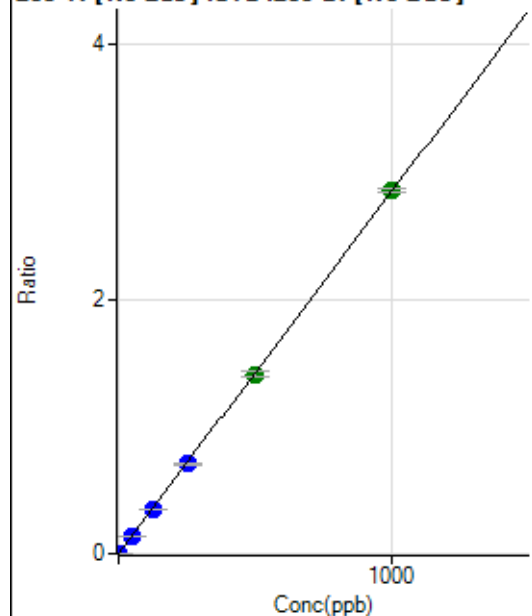
$$DL = 0.0152$$

$$BEC = 0.03555$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	652.83	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	0.899	14458.52	0.0027	P	3.4
4	☐	50.000	48.384	739541.22	0.1376	P	0.8
5	☐	125.000	121.721	1836922.00	0.3460	P	0.2
6	☐	250.000	248.164	3704564.93	0.7054	P	1.1
7	☐	500.000	496.494	7324965.44	1.4111	A	2.4
8	☐	1000.000	1002.703	14377909.87	2.8497	A	1.0
9	☐			10159.89	0.0022	P	6.0

$$y = 0.0028 * x + 1.2057E-004$$

$$R = 1.0000$$

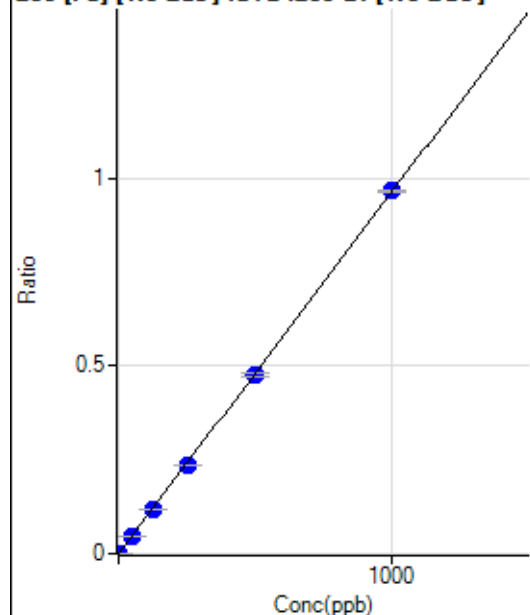
$$DL = 0.01002$$

$$BEC = 0.04243$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	687.08	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	1.159	6707.45	0.0012	P	4.2
4	☐	50.000	48.550	251542.81	0.0468	P	0.9
5	☐	125.000	121.750	622121.20	0.1172	P	0.6
6	☐	250.000	244.889	1237378.23	0.2356	P	0.7
7	☐	500.000	494.842	2470686.57	0.4759	P	2.1
8	☐	1000.000	1004.336	4873063.07	0.9659	P	0.7
9	☐			9398.02	0.0021	P	4.4

$$y = 9.6156\text{E-}004 * x + 1.2680\text{E-}004$$

$$R = 1.0000$$

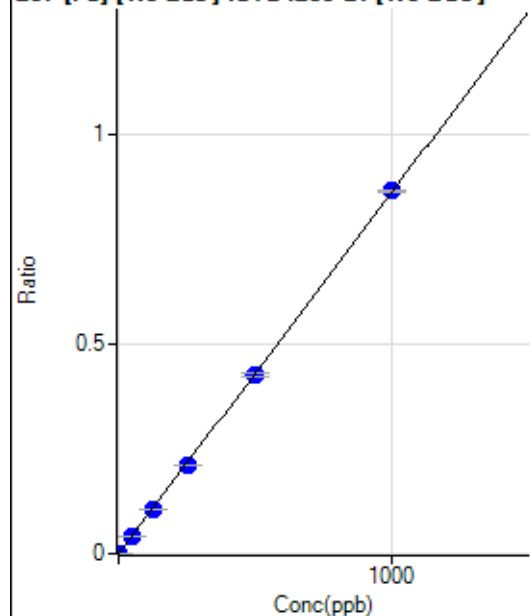
$$DL = 0.03953$$

$$BEC = 0.1319$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	568.55	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	1.182	6070.07	0.0011	P	3.5
4	☐	50.000	48.658	225892.42	0.0420	P	0.8
5	☐	125.000	120.713	552773.15	0.1041	P	0.4
6	☐	250.000	245.600	1112149.47	0.2118	P	0.3
7	☐	500.000	493.273	2207240.88	0.4252	P	2.0
8	☐	1000.000	1005.066	4370541.25	0.8662	P	0.3
9	☐			8073.09	0.0018	P	2.2

$$y = 8.6177\text{E-}004 * x + 1.0499\text{E-}004$$

$$R = 1.0000$$

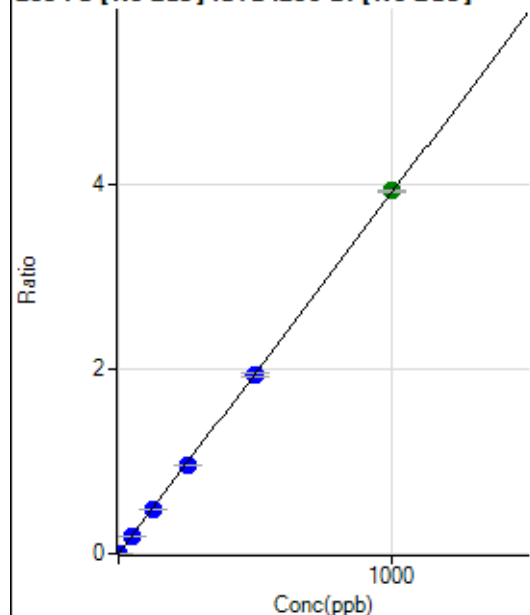
$$DL = 0.01898$$

$$BEC = 0.1218$$

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	2629.82	0.0005	P	4.1
2	☐	0.100					
3	☐	1.000	1.170	27298.78	0.0051	P	3.0
4	☐	50.000	48.385	1017792.30	0.1894	P	1.0
5	☐	125.000	120.274	2495455.29	0.4701	P	0.2
6	☐	250.000	244.502	5016438.52	0.9551	P	0.5
7	☐	500.000	493.558	10006598.69	1.9276	P	1.9
8	☐	1000.000	1005.267	19805967.28	3.9256	A	0.6
9	☐			36817.12	0.0081	P	3.4

$$y = 0.0039 * x + 4.8557E-004$$

$$R = 0.9999$$

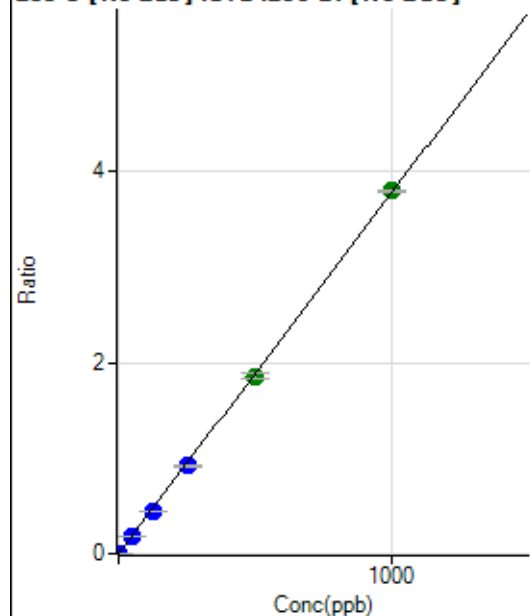
$$DL = 0.01526$$

$$BEC = 0.1244$$

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	69.45	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.846	17314.99	0.0032	P	2.4
4	☐	50.000	46.923	951649.49	0.1771	P	1.0
5	☐	125.000	118.142	2366850.66	0.4459	P	0.4
6	☐	250.000	243.012	4816792.12	0.9171	P	0.4
7	☐	500.000	493.265	9663054.04	1.8616	A	2.5
8	☐	1000.000	1006.126	19157437.41	3.7970	A	0.9
9	☐			4920.65	0.0011	P	2.4

$$y = 0.0038 * x + 1.2830E-005$$

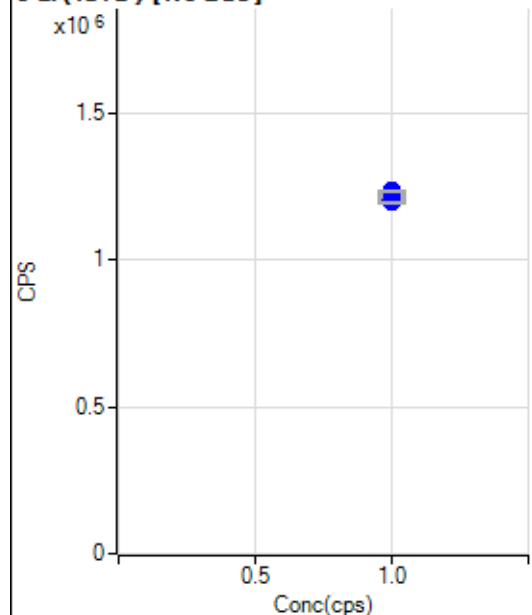
$$R = 0.9999$$

$$DL = 0.001914$$

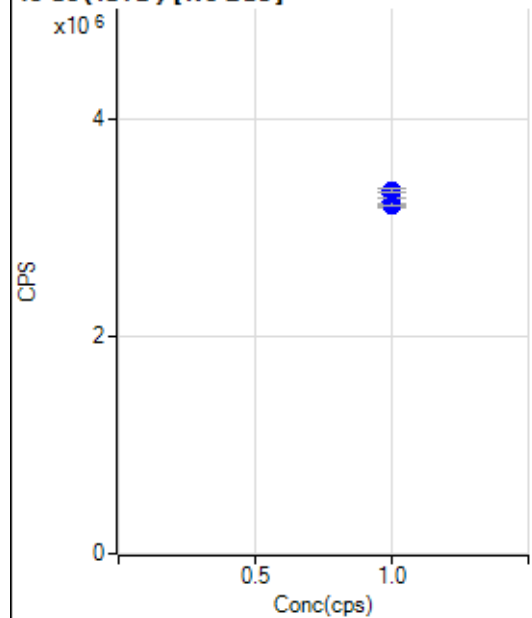
$$BEC = 0.0034$$

Weight: <None>

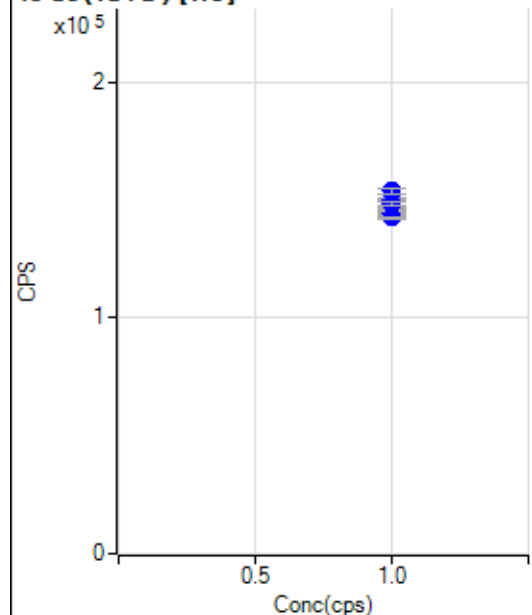
Min Conc: 0

6 Li (ISTD) [No Gas]

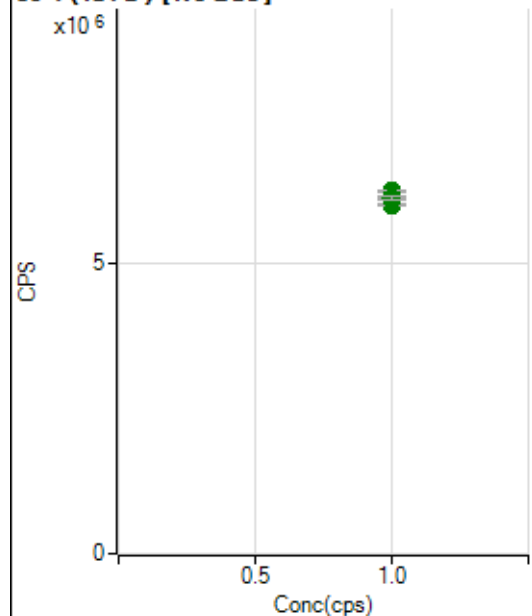
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1225369.19		P	0.5
2	☐	1.000					
3	☐	1.000		1225642.55		P	0.2
4	☐	1.000		1216181.88		P	0.1
5	☐	1.000		1197084.91		P	0.3
6	☐	1.000		1205967.15		P	0.1
7	☐	1.000		1206761.16		P	1.3
8	☐	1.000		1196492.45		P	0.4
9	☐	1.000		1235678.34		P	0.6

45 Sc (ISTD) [No Gas]

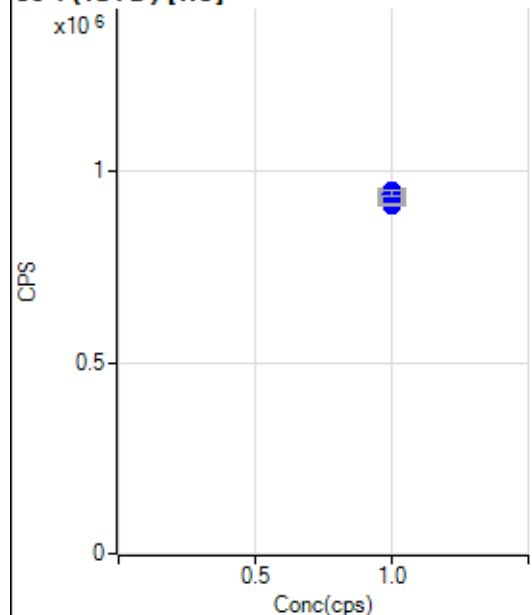
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3215357.45		P	0.7
2	☐	1.000					
3	☐	1.000		3223617.07		P	0.3
4	☐	1.000		3200178.68		P	0.6
5	☐	1.000		3214338.55		P	0.4
6	☐	1.000		3214654.83		P	0.5
7	☐	1.000		3233487.74		P	2.1
8	☐	1.000		3305318.57		P	1.4
9	☐	1.000		3339581.17		P	1.0

45 Sc (ISTD) [He]

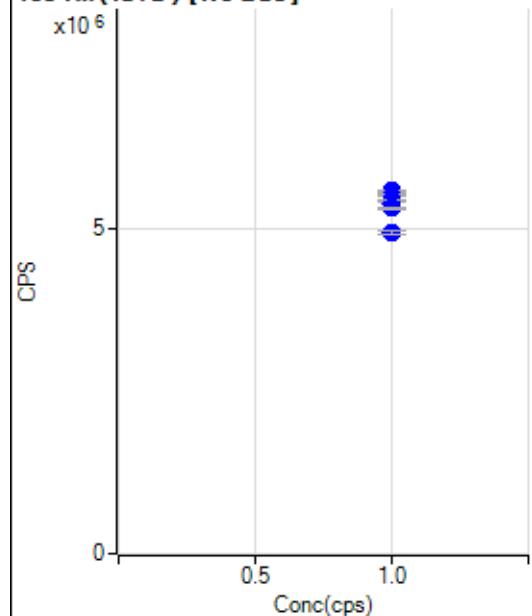
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		148545.85		P	2.1
2	☐	1.000					
3	☐	1.000		145112.00		P	1.4
4	☐	1.000		144441.28		P	1.5
5	☐	1.000		142719.19		P	0.6
6	☐	1.000		148453.65		P	2.9
7	☐	1.000		149821.04		P	1.2
8	☐	1.000		148242.71		P	1.0
9	☐	1.000		153929.83		P	1.7

89 Y (ISTD) [No Gas]

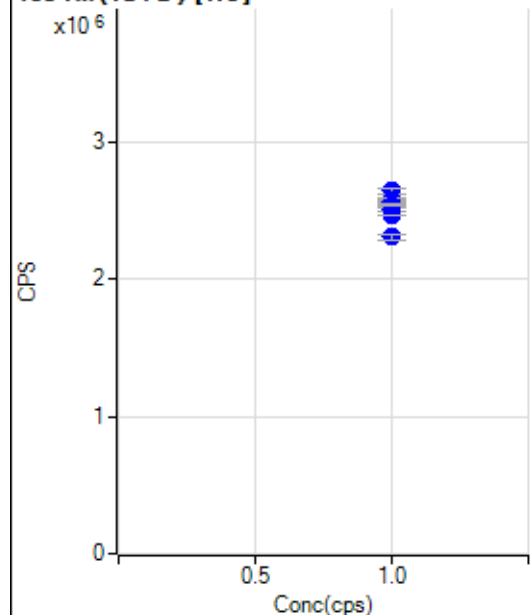
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6020648.38		A	0.6
2	☐	1.000					
3	☐	1.000		6144964.28		A	0.6
4	☐	1.000		6158066.78		A	0.8
5	☐	1.000		6116200.60		A	0.3
6	☐	1.000		6151916.09		A	0.6
7	☐	1.000		6188978.94		A	2.2
8	☐	1.000		6263006.92		A	0.1
9	☐	1.000		6147009.77		A	1.4

89 Y (ISTD) [He]

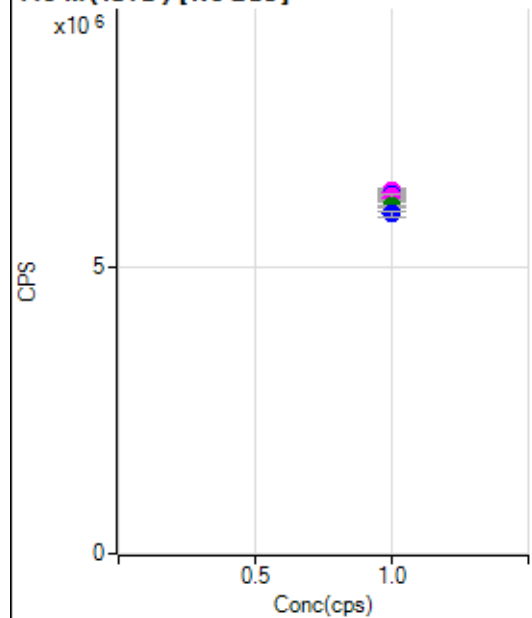
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		940349.38		P	1.3
2	☐	1.000					
3	☐	1.000		924525.44		P	0.5
4	☐	1.000		916125.26		P	0.5
5	☐	1.000		912540.17		P	0.6
6	☐	1.000		941744.23		P	2.0
7	☐	1.000		950064.59		P	0.9
8	☐	1.000		944807.30		P	0.6
9	☐	1.000		942309.79		P	1.6

103 Rh (ISTD) [No Gas]

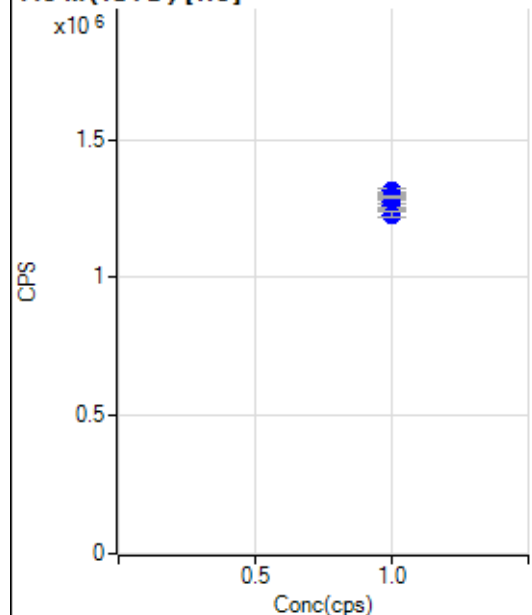
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5549737.02		P	0.5
2	☐	1.000					
3	☐	1.000		5566414.62		P	0.3
4	☐	1.000		5492019.39		P	0.5
5	☐	1.000		5429442.66		P	0.5
6	☐	1.000		5407929.11		P	0.3
7	☐	1.000		5378714.05		P	2.2
8	☐	1.000		5302134.71		P	0.3
9	☐	1.000		4921607.49		P	1.3

103 Rh (ISTD) [He]

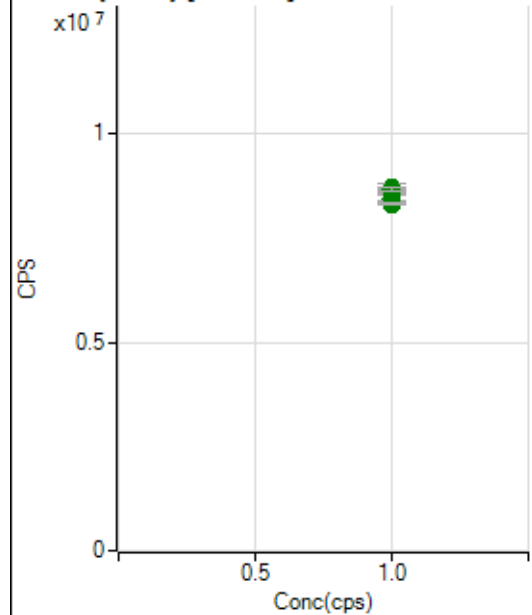
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2647231.68		P	1.4
2	☐	1.000					
3	☐	1.000		2588220.00		P	0.4
4	☐	1.000		2553563.07		P	0.7
5	☐	1.000		2509591.73		P	1.0
6	☐	1.000		2565742.32		P	2.5
7	☐	1.000		2546438.48		P	0.9
8	☐	1.000		2466941.96		P	0.3
9	☐	1.000		2308837.97		P	1.4

115 In (ISTD) [No Gas]

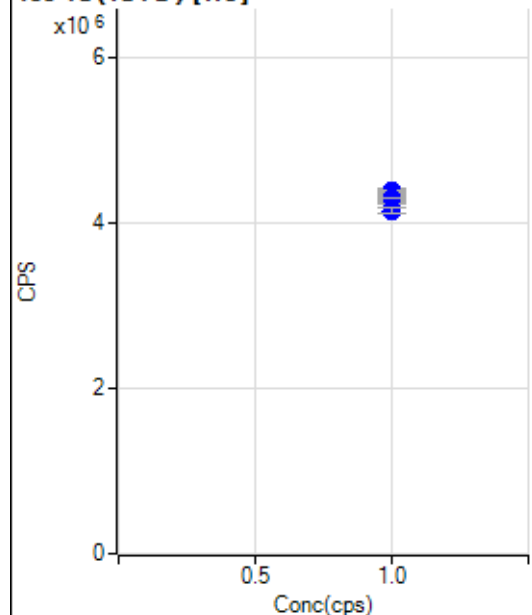
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6226197.66		M	2.1
2	☐	1.000					
3	☐	1.000		6348880.23		M	1.2
4	☐	1.000		6310968.23		M	1.9
5	☐	1.000		6277884.42		P	0.3
6	☐	1.000		6252094.26		M	0.6
7	☐	1.000		6236786.75		M	1.9
8	☐	1.000		6081670.50		A	0.7
9	☐	1.000		5947671.29		P	1.5

115 In (ISTD) [He]

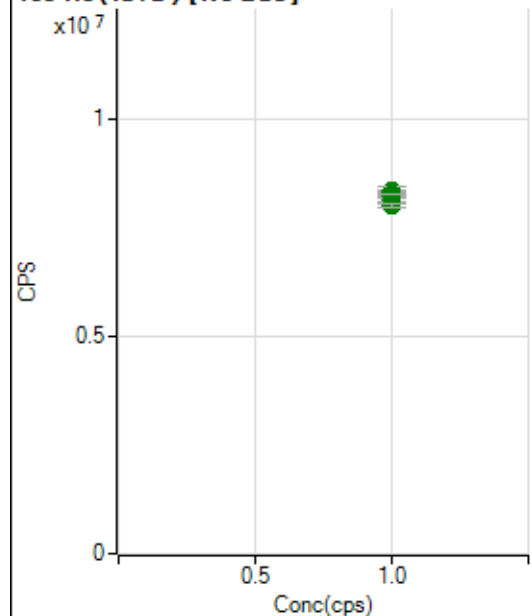
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1313964.70		P	1.4
2	☐	1.000					
3	☐	1.000		1295687.83		P	0.3
4	☐	1.000		1276200.87		P	0.8
5	☐	1.000		1259838.05		P	1.1
6	☐	1.000		1294000.05		P	2.4
7	☐	1.000		1292646.62		P	0.9
8	☐	1.000		1252545.75		P	0.5
9	☐	1.000		1228626.13		P	1.5

159 Tb (ISTD) [No Gas]

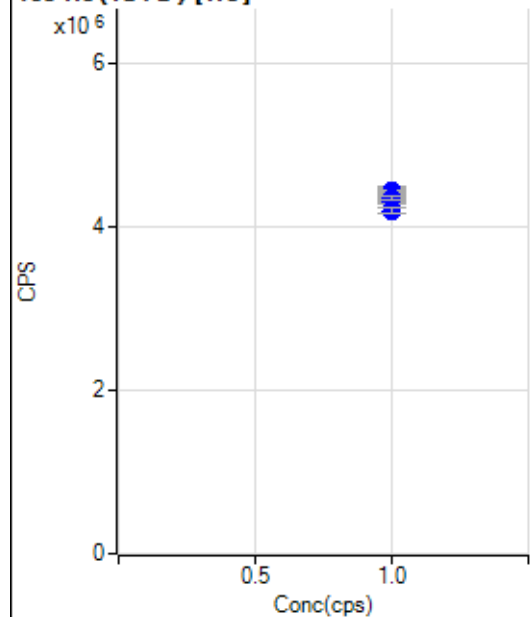
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8456252.93		A	1.4
2	☐	1.000					
3	☐	1.000		8617380.70		A	0.9
4	☐	1.000		8640410.84		A	0.5
5	☐	1.000		8623117.72		A	0.7
6	☐	1.000		8661874.87		A	0.7
7	☐	1.000		8704875.64		A	2.1
8	☐	1.000		8665395.01		A	0.7
9	☐	1.000		8325627.86		A	0.9

159 Tb (ISTD) [He]

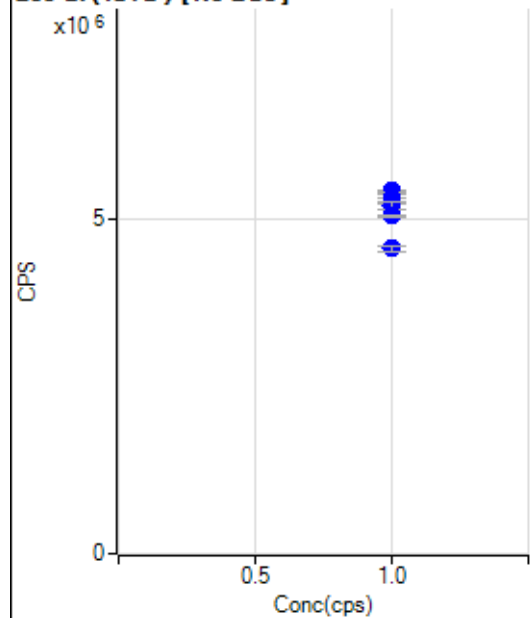
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4378528.51		P	1.0
2	☐	1.000					
3	☐	1.000		4294697.02		P	0.3
4	☐	1.000		4292494.38		P	0.8
5	☐	1.000		4251573.83		P	0.6
6	☐	1.000		4373448.34		P	2.3
7	☐	1.000		4393945.11		P	0.7
8	☐	1.000		4309316.64		P	0.1
9	☐	1.000		4155882.96		P	1.3

165 Ho (ISTD) [No Gas]

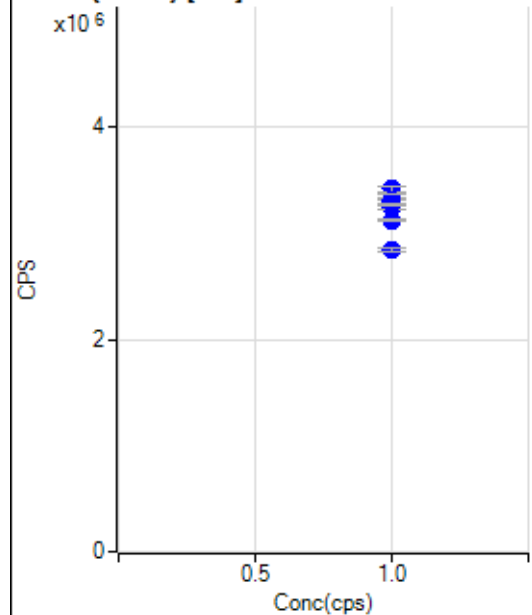
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8135774.49		A	1.4
2	☐	1.000					
3	☐	1.000		8283327.27		A	0.9
4	☐	1.000		8243484.30		A	1.1
5	☐	1.000		8196169.98		A	0.3
6	☐	1.000		8318362.34		A	1.0
7	☐	1.000		8350448.62		A	2.0
8	☐	1.000		8279915.55		A	0.4
9	☐	1.000		8010058.60		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4431514.24		P	1.5
2	☐	1.000					
3	☐	1.000		4344317.44		P	0.4
4	☐	1.000		4335912.71		P	1.0
5	☐	1.000		4298935.84		P	1.1
6	☐	1.000		4438638.79		P	2.4
7	☐	1.000		4443368.37		P	0.5
8	☐	1.000		4356572.57		P	0.8
9	☐	1.000		4199722.33		P	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5416228.60		P	0.7
2	☐	1.000					
3	☐	1.000		5403782.07		P	0.3
4	☐	1.000		5373830.06		P	0.7
5	☐	1.000		5308412.42		P	0.2
6	☐	1.000		5252118.88		P	0.6
7	☐	1.000		5192556.49		P	2.0
8	☐	1.000		5045479.23		P	0.6
9	☐	1.000		4557506.04		P	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3417810.85		P	1.5
2	☐	1.000					
3	☐	1.000		3320883.60		P	0.8
4	☐	1.000		3302650.99		P	1.0
5	☐	1.000		3239816.09		P	1.0
6	☐	1.000		3318941.17		P	2.5
7	☐	1.000		3273597.73		P	0.8
8	☐	1.000		3118119.12		P	0.5
9	☐	1.000		2839715.79		P	1.5