Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006521.D
Acq On : 19 Jul 2016 11:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 04:20:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 02:05:48 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02040

Manual Integrations APPROVED
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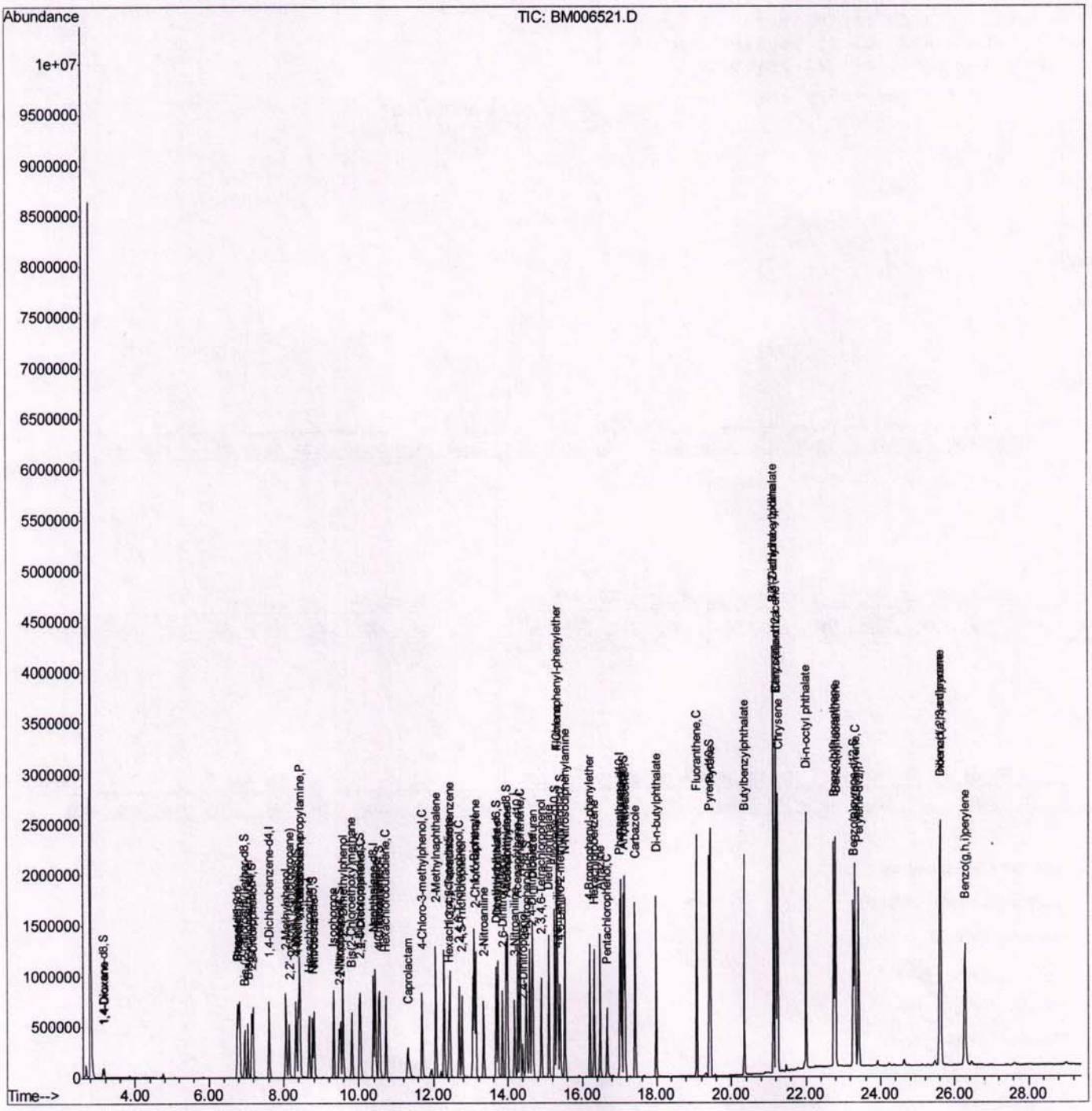

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	318295	19.91	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	140439	16.68	ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	209293	20.17	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	218379	20.42	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	781022	20.78	ng/ul	100
41) 2-Chloronaphthalene	13.13	162	609991	20.75	ng/ul	99
42) 2-Nitroaniline	13.34	65	207999	20.69	ng/ul	95
44) Dimethylphthalate	13.73	163	753116	19.90	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	155318	20.66	ng/ul	99
47) Acenaphthylene	13.99	152	1002991	20.89	ng/ul	100
48) 3-Nitroaniline	14.18	138	172893	24.41	ng/ul	95
49) Acenaphthene	14.33	153	638065	20.65	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	68189	15.96	ng/ul	96
52) 4-Nitrophenol	14.50	109	128057	17.46	ng/ul	99
53) Dibenzofuran	14.67	168	912310	20.28	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	230214	20.49	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	192705	19.89	ng/ul	97
56) Diethylphthalate	15.10	149	774490	19.40	ng/ul	99
58) Fluorene	15.32	166	720117	20.01	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	352771	19.28	ng/ul	99
60) 4-Nitroaniline	15.35	138	191539	22.80	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	128395	20.12	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	652130	21.42	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	235210	20.38	ng/ul	99
66) Hexachlorobenzene	16.32	284	259638	20.17	ng/ul	98
67) Atrazine	16.49	200	240357	21.37	ng/ul	100
68) Pentachlorophenol	16.67	266	124112	20.05	ng/ul	97
69) Phenanthrene	17.06	178	1185178	20.80	ng/ul	99
71) Anthracene	17.15	178	1236794	21.11	ng/ul	99
72) Carbazole	17.42	167	1113192	22.47	ng/ul	100
73) Di-n-butylphthalate	17.99	149	1340226	19.78	ng/ul	99
74) Fluoranthene	19.08	202	1415967	21.39	ng/ul	100
77) Pyrene	19.44	202	1495023	21.25	ng/ul	99
78) Butylbenzylphthalate	20.36	149	636407	20.57	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	502387	21.88	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1477021	20.53	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	882119	20.54	ng/ul	99
82) Chrysene	21.25	228	1381318	20.40	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1659571	22.56	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1623889	21.53	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1452130	20.47	ng/ul	100
88) Benzo(a)pyrene	23.32	252	1530101	21.18	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1769181	21.05	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	1480504	21.20	ng/ul	100
91) Benzo(g,h,i)perylene	26.28	276	1510943	20.34	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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7/20/2016 7:47:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	193412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	819898	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	455714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1036094	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1178528	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1261884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	37783	8.22	ng/uL	0.00
5) Phenol-d5	6.79	99	348084	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	217006	22.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	274881	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	270826	21.50	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	128598	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	139514	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	262220	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	342995	24.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	741358	19.88	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	955837	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	134645	20.78	ng/ul	0.00
57) Fluorene-d10	15.26	176	656452	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	115924	19.34	ng/ul	0.00
70) Anthracene-d10	17.12	188	1013804	20.70	ng/ul	0.00
76) Pyrene-d10	19.42	212	1134875	21.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1214231	21.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	41153	8.36	ng/uL#	25
4) Benzaldehyde	6.76	77	232649	24.30	ng/ul	97
6) Phenol	6.82	94	375626	22.48	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	284334	23.09	ng/ul	99
10) 2-Chlorophenol	7.18	128	286134	21.69	ng/ul	97
11) 2-Methylphenol	8.06	108	277029	22.26	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	407058	20.34	ng/ul	99
14) Acetophenone	8.43	105	435693	21.97	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	221965	21.21	ng/ul	99
16) 4-Methylphenol	8.39	108	296884	22.07	ng/ul	98
17) Hexachloroethane	8.67	117	116767	20.81	ng/ul	96
20) Nitrobenzene	8.81	77	340053	20.55	ng/ul	97
21) Isophorone	9.33	82	605323	20.49	ng/ul	99
23) 2-Nitrophenol	9.52	139	156527	20.26	ng/ul	98
24) 2,4-Dimethylphenol	9.58	107	330708	19.80	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	378418	21.41	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	262694	19.64	ng/ul	98
28) Naphthalene	10.44	128	851656	20.46	ng/ul	100
30) 4-Chloroaniline	10.56	127	361635	25.04	ng/ul	99
31) Hexachlorobutadiene	10.72	225	168896	18.49	ng/ul	99
32) Caprolactam	11.31	113	87772m	20.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	296883	19.81	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	624436	19.91	ng/ul	98

U.M 07/20/2016

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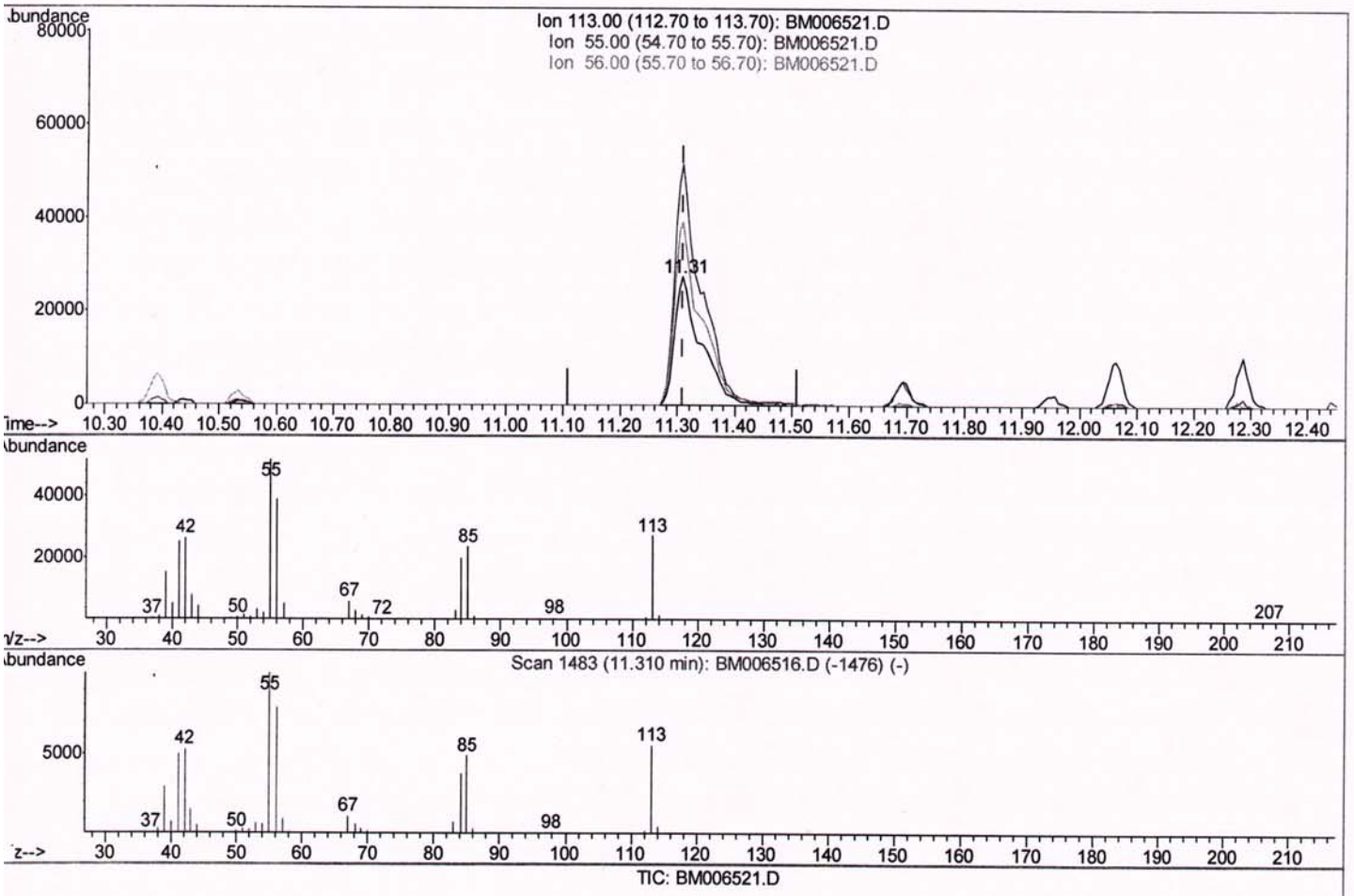

(32) Caprolactam

11.310min (+0.000) 20.66ng/ul m

response 87772

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.76
56.00	150.60	142.93
0.00	0.00	0.00

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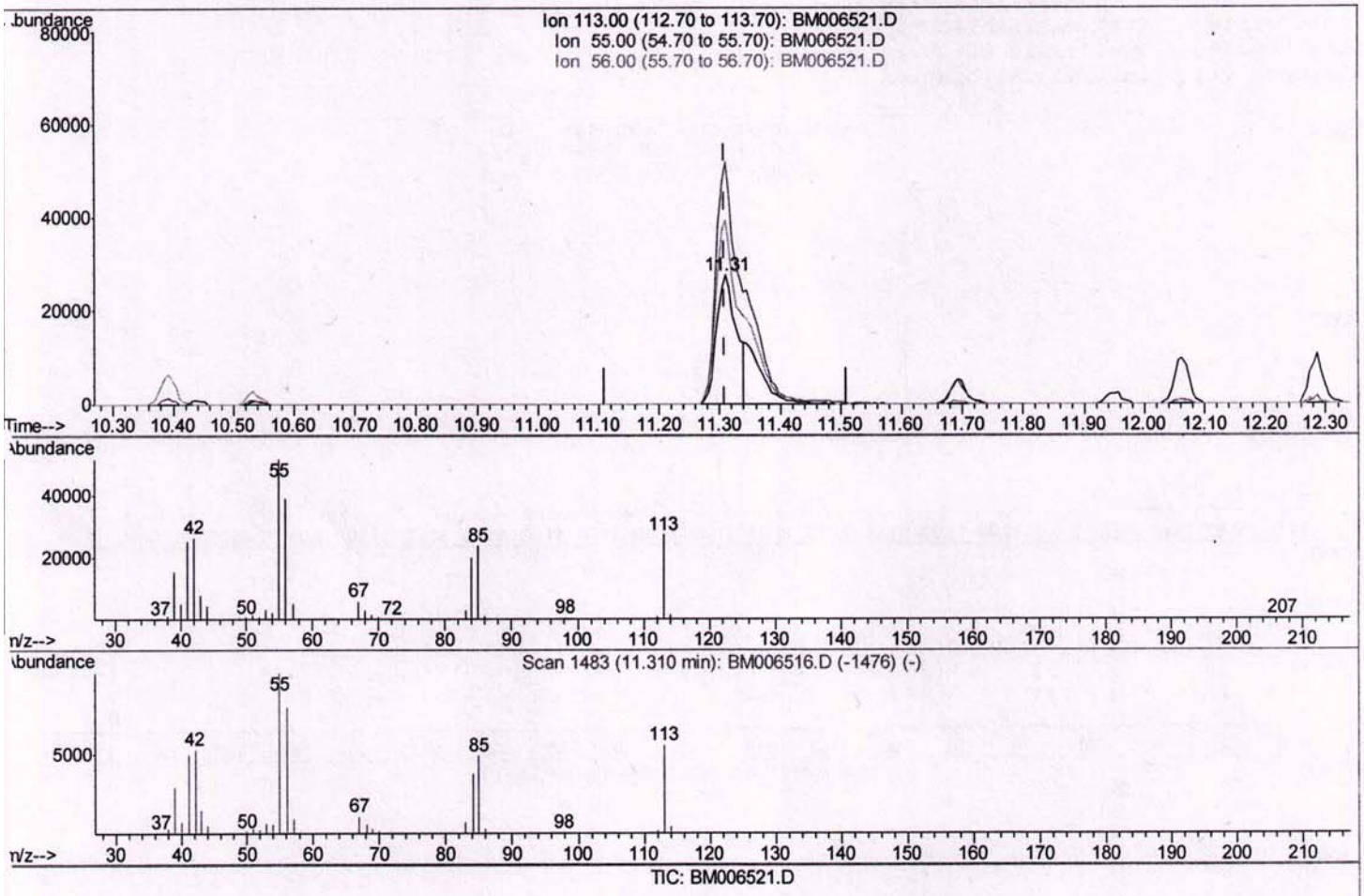

(32) Caprolactam

11.310min (+0.000) 14.81ng/ul

response 62933

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.76
56.00	150.60	142.93
0.00	0.00	0.00