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Data File : BG015979.D
Acq On : 11 Feb 2015 10:12
Operator : TP/IZ
Sample : SSTD02002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 11 22:48:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 11 12:42:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02002

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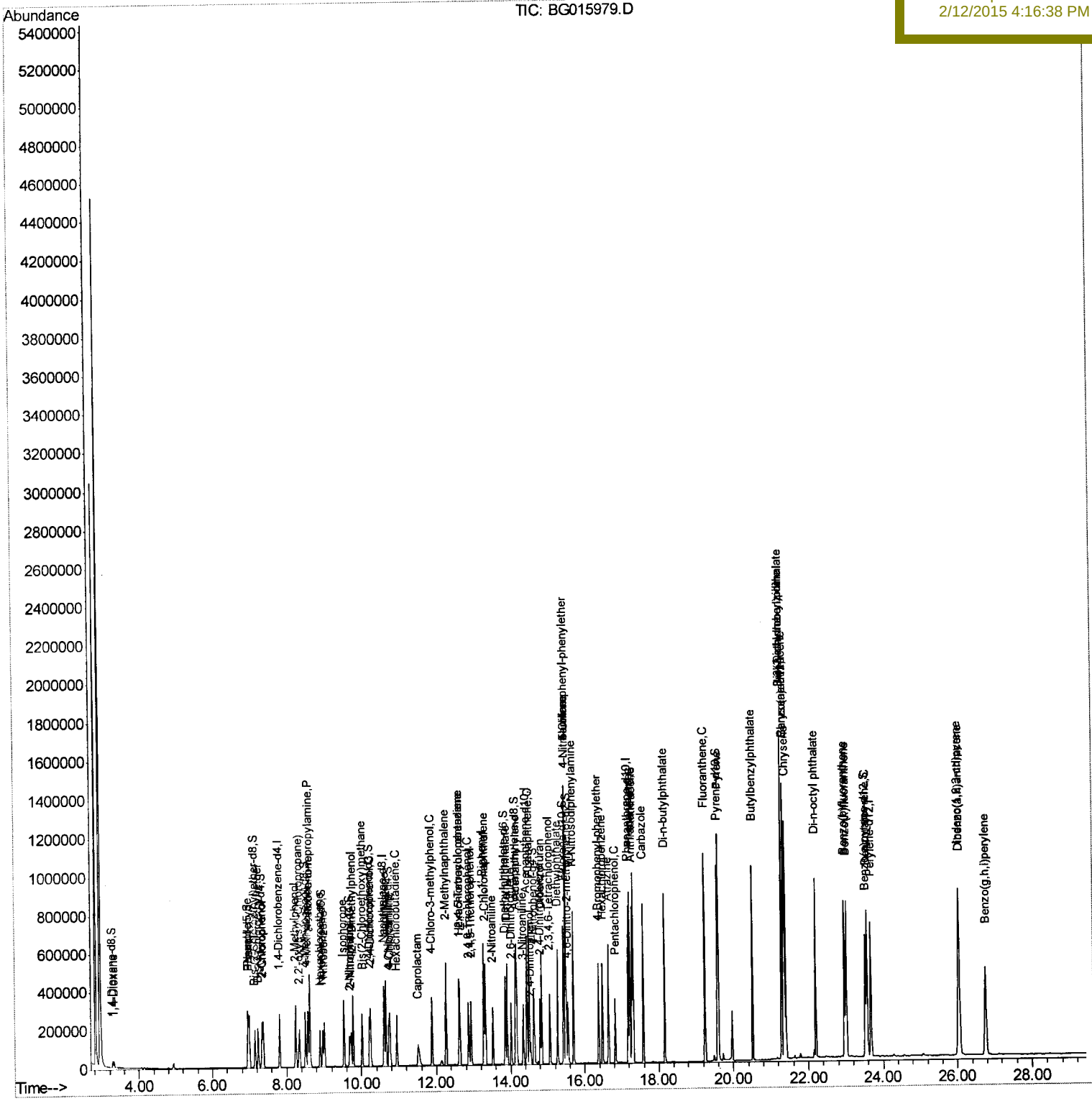

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	106002	19.56	ng/ul	94
37) Hexachlorocyclopentadiene	12.62	237	60438	17.93	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	71855	19.82	ng/ul	96
39) 2,4,5-Trichlorophenol	12.94	196	78085	19.46	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	328018	20.51	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	240502	20.21	ng/ul	98
42) 2-Nitroaniline	13.52	65	80380	19.98	ng/ul	98
44) Dimethylphthalate	13.90	163	314859	20.51	ng/ul	98
45) 2,6-Dinitrotoluene	14.02	165	65392	19.82	ng/ul	98
47) Acenaphthylene	14.17	152	432859	20.80	ng/ul	98
48) 3-Nitroaniline	14.34	138	77565	20.73	ng/ul	98
49) Acenaphthene	14.51	153	285240	20.69	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	26455	16.11	ng/ul	98
52) 4-Nitrophenol	14.64	109	41216	20.70	ng/ul	96
53) Dibenzofuran	14.84	168	385607	20.86	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	93328	20.24	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.06	232	70606	20.22	ng/ul	95
56) Diethylphthalate	15.27	149	326287	20.54	ng/ul	99
58) Fluorene	15.49	166	336733	20.79	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	150589	20.18	ng/ul	97
60) 4-Nitroaniline	15.50	138	91871	20.45	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	49166	17.53	ng/ul#	98
64) N-Nitrosodiphenylamine	15.70	169	290683	20.49	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	91974	19.51	ng/ul	96
66) Hexachlorobenzene	16.49	284	104242	19.71	ng/ul	96
67) Atrazine	16.65	200	94461	19.48	ng/ul	96
68) Pentachlorophenol	16.83	266	58716	19.18	ng/ul	99
69) Phenanthrene	17.23	178	514137	21.00	ng/ul	99
71) Anthracene	17.32	178	529792	20.99	ng/ul	100
72) Carbazole	17.59	167	510048	20.93	ng/ul	99
73) Di-n-butylphthalate	18.16	149	613657	21.41	ng/ul	100
74) Fluoranthene	19.24	202	579932	20.99	ng/ul	98
77) Pyrene	19.60	202	622472	21.08	ng/ul	98
78) Butylbenzylphthalate	20.51	149	276226	20.66	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.28	252	194300	20.06	ng/ul	99
80) Benzo(a)anthracene	21.34	228	578832	20.83	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	363558	20.54	ng/ul	99
82) Chrysene	21.39	228	547469	21.02	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	597338	20.96	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	528379	19.79	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	549227	21.35	ng/ul	100
88) Benzo(a)pyrene	23.56	252	527768	20.43	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	616142	19.87	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	518433	19.86	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	511609	19.76	ng/ul	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	71375	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.60	136	334977	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	211647	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	453375	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	507379	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	475282	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	14627	8.40	ng/uL	-0.01
5) Phenol-d5	6.97	99	142611	20.23	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	84123	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	106451	20.28	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	108849	20.00	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	53039	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	54302	19.05	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	99847	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	124274	20.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	288998	20.33	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	401142	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	71009	20.09	ng/ul	0.00
57) Fluorene-d10	15.44	176	284557	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	44585	17.50	ng/ul	0.00
70) Anthracene-d10	17.28	188	432570	20.77	ng/ul	0.00
76) Pyrene-d10	19.57	212	465042	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	422345	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15753	7.91	ng/uL	93
4) Benzaldehyde	6.95	77	49227	20.93	ng/ul	96
6) Phenol	7.00	94	150934	20.41	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	116558	20.33	ng/ul	97
10) 2-Chlorophenol	7.37	128	106908	20.13	ng/ul	99
11) 2-Methylphenol	8.25	108	109202	20.19	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.35	45	160967	20.22	ng/ul	97
14) Acetophenone	8.63	105	165636	20.74	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	98074	20.47	ng/ul	97
16) 4-Methylphenol	8.57	108	124541	20.59	ng/ul	96
17) Hexachloroethane	8.89	117	41491	20.11	ng/ul	94
20) Nitrobenzene	9.01	77	130072	20.32	ng/ul	94
21) Isophorone	9.53	82	266306	20.26	ng/ul	100
23) 2-Nitrophenol	9.72	139	60594	19.77	ng/ul	93
24) 2,4-Dimethylphenol	9.77	107	125178	20.11	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	156191	20.38	ng/ul	100
27) 2,4-Dichlorophenol	10.24	162	98258	20.10	ng/ul	98
28) Naphthalene	10.66	128	357760	20.53	ng/ul	100
30) 4-Chloroaniline	10.76	127	126942	21.11	ng/ul	99
31) Hexachlorobutadiene	10.94	225	50346	19.60	ng/ul	95
32) Caprolactam	11.51	113	51931m	20.14	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	118756	19.99	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	255835	20.43	ng/ul	98

T.P 02/13/15

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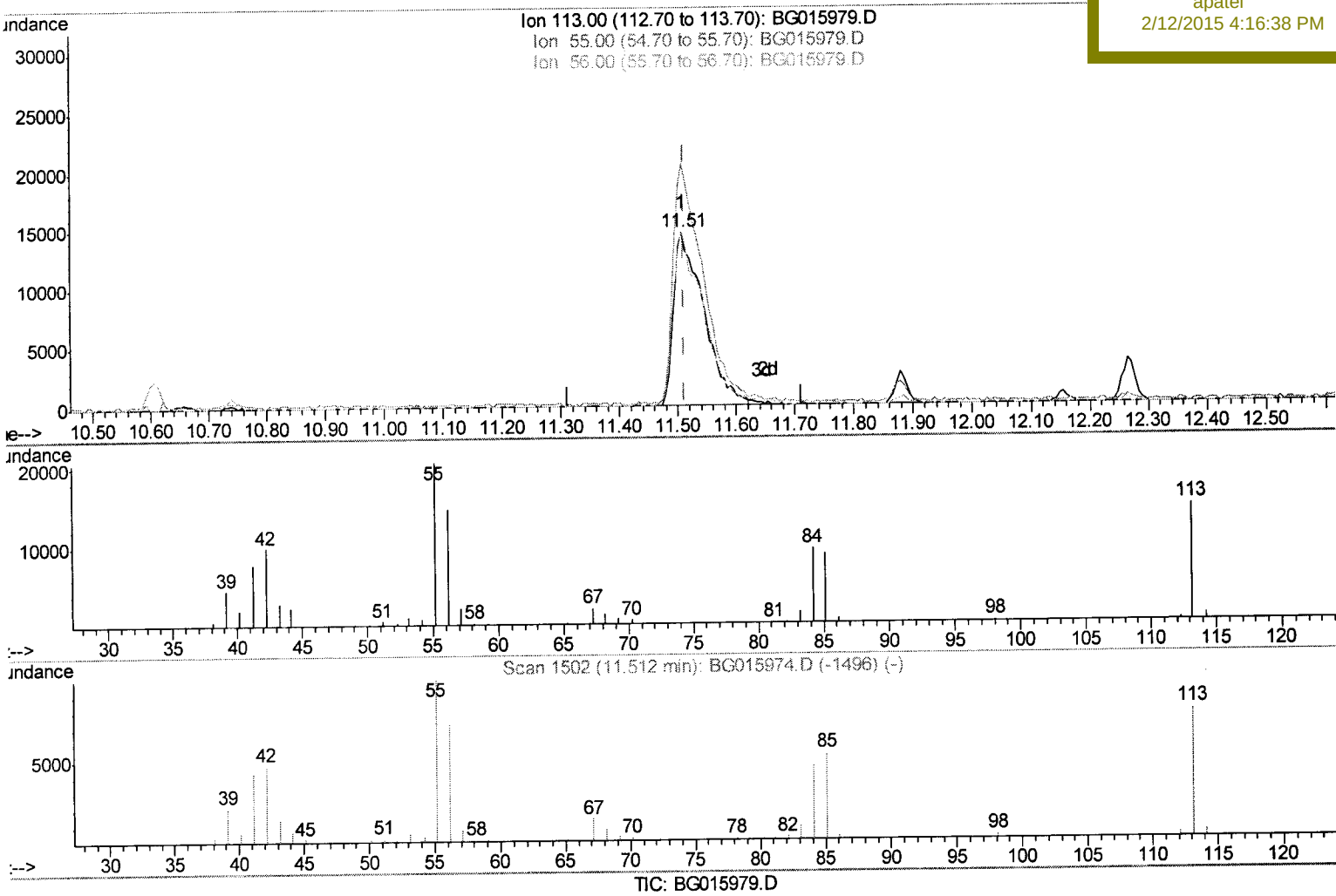

(32) Caprolactam

11.508min (-0.004) 20.14ng/ul m

response 51931

T.P
02/13/15

Ion	Exp%	Act%
113.00	100	100
55.00	129.40	139.85
56.00	93.90	100.33
0.00	0.00	0.00

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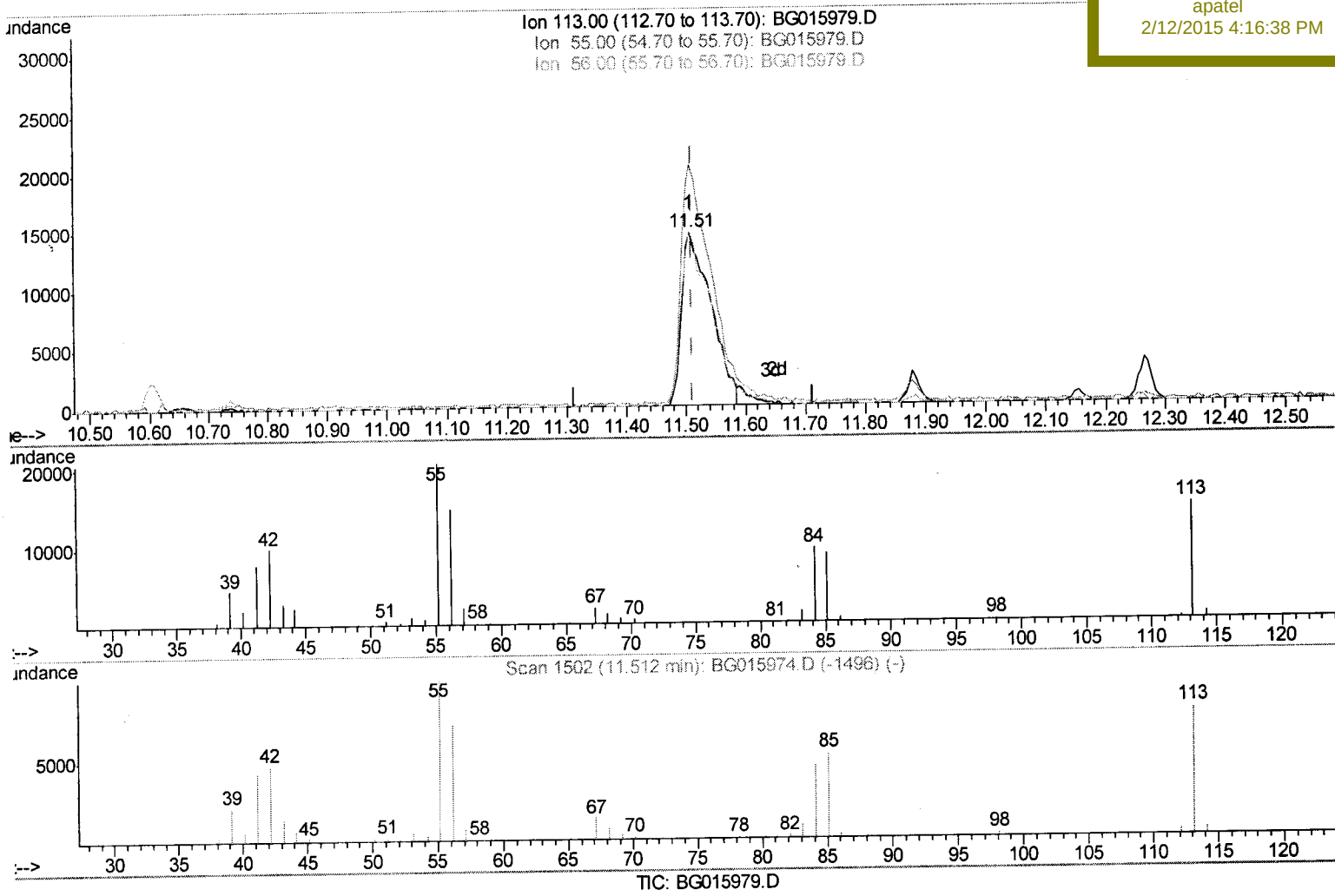

(32) Caprolactam

11.508min (-0.004) 19.40ng/ul

response 50019

Ion	Exp%	Act%
113.00	100	100
55.00	129.40	139.85
56.00	93.90	100.33
0.00	0.00	0.00