Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003618.D
Acq On : 19 Dec 2015 14:09
Operator : UM/SJ
Sample : SSTD04050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 01:14:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 00:58:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04050

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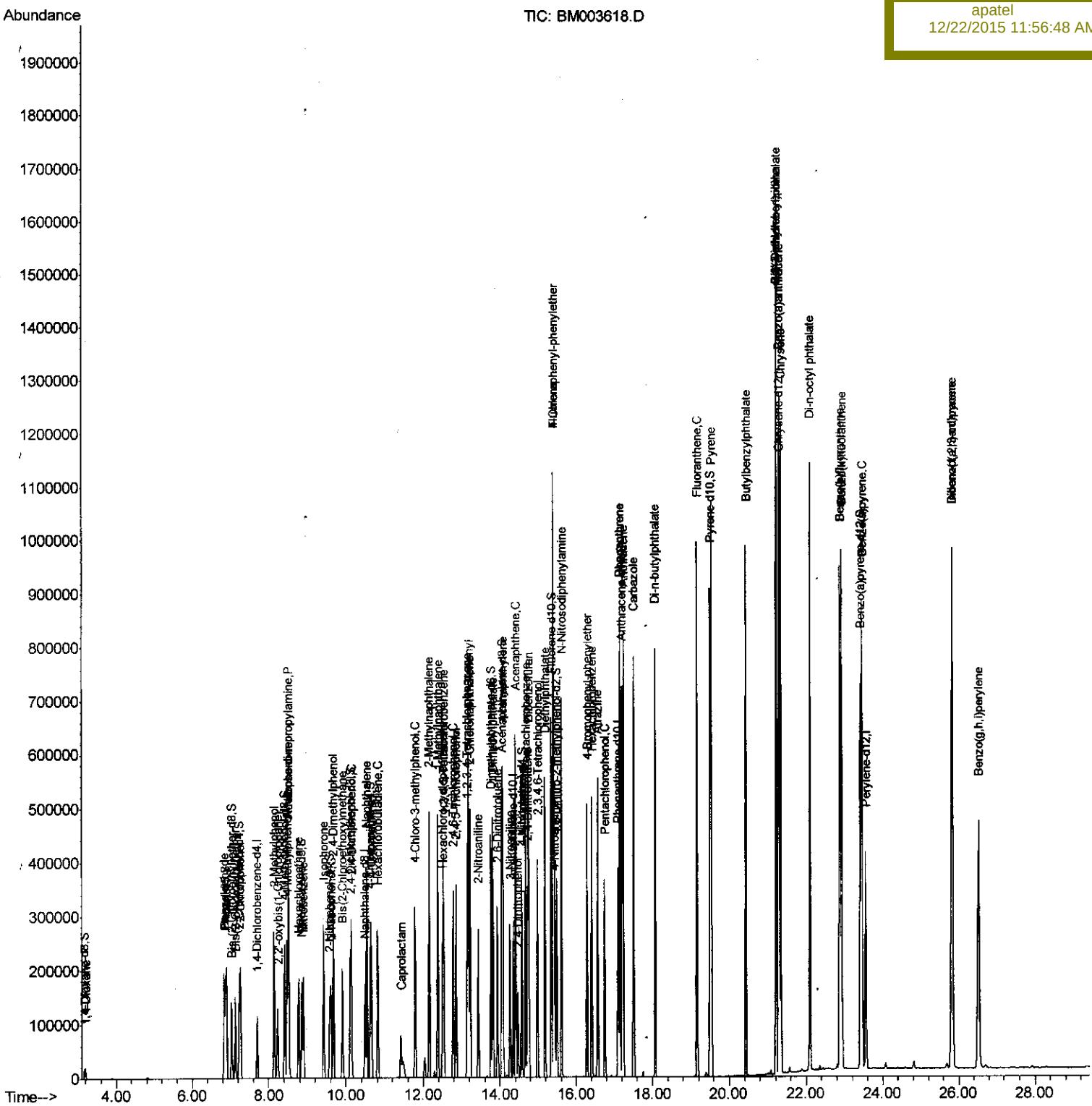
12/22/2015 11:56:48 AM



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Internal Standards R.T. QIon Response Conc Units Dev(Min

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

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12/22/2015 11:56:48 AM

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12/22/2015 11:56:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min
35) 1-Methylnaphthalene	12.38	142	228349	33.82	ng/ul	10
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	119333	33.99	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	66631	34.33	ng/ul	100
39) 2,4,6-Trichlorophenol	12.78	196	82737	34.58	ng/ul	100
40) 2,4,5-Trichlorophenol	12.85	196	91996	34.71	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	318041	33.85	ng/ul	100
42) 2-Chloronaphthalene	13.22	162	240201	33.95	ng/ul	100
43) 2-Nitroaniline	13.43	65	70697	35.45	ng/ul	100
45) Dimethylphthalate	13.82	163	329250	33.74	ng/ul	100
46) 2,6-Dinitrotoluene	13.94	165	69720	35.70	ng/ul	100
48) Acenaphthylene	14.07	152	407980	34.21	ng/ul	100
49) 3-Nitroaniline	14.27	138	77952	35.88	ng/ul	100
50) Acenaphthene	14.42	153	265954	33.63	ng/ul	100
51) 2,4-Dinitrophenol	14.47	184	35389	33.65	ng/ul	100
53) 4-Nitrophenol	14.59	109	53406	33.88	ng/ul	100
54) Dibenzofuran	14.76	168	378835	33.59	ng/ul	100
55) 2,4-Dinitrotoluene	14.73	165	103141	35.12	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.99	232	77538	34.30	ng/ul	100
57) Diethylphthalate	15.19	149	348231	33.76	ng/ul	100
59) Fluorene	15.40	166	302572	33.58	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	145663	33.30	ng/ul	100
61) 4-Nitroaniline	15.43	138	84829	35.60	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.49	198	59015	34.70	ng/ul	100
65) N-Nitrosodiphenylamine	15.62	169	271474	33.83	ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	92285	33.67	ng/ul	100
67) Hexachlorobenzene	16.41	284	103231	33.87	ng/ul	100
68) Atrazine	16.57	200	106408	34.31	ng/ul	100
69) Pentachlorophenol	16.76	266	59749	34.25	ng/ul	100
70) Phenanthrene	17.14	178	504050	33.41	ng/ul	100
72) Anthracene	17.24	178	514944	33.49	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	129366	34.06	ng/uL	100
74) Pentachlorobenzene	14.67	250	120071	33.78	ng/uL	100
75) Carbazole	17.51	167	489806	34.61	ng/ul	100
76) Di-n-butylphthalate	18.07	149	616396	33.60	ng/ul	100
77) Fluoranthene	19.17	202	598057	34.41	ng/ul	100
80) Pyrene	19.53	202	614054	33.34	ng/ul	100
81) Butylbenzylphthalate	20.44	149	301264	34.22	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.23	252	216110	35.08	ng/ul	100
83) Benzo(a)anthracene	21.29	228	636122	33.15	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	435356	33.60	ng/ul	100
85) Chrysene	21.34	228	601506	32.69	ng/ul	100
87) Di-n-octyl phthalate	22.10	149	805148	34.49	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	678203	33.56	ng/ul	100
89) Benzo(k)fluoranthene	22.93	252	621265	32.84	ng/ul	100
91) Benzo(a)pyrene	23.46	252	642527	33.48	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.83	276	690519	33.87	ng/ul	100
93) Dibenzo(a,h)anthracene	25.84	278	579531	33.88	ng/ul	100
94) Benzo(g,h,i)perylene	26.53	276	571701	34.10	ng/ul	100

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12/22/2015 11:56:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min
1) 1,4-Dichlorobenzene-d4	7.70	152	32554	20.00	ng/ul	0.0
18) Naphthalene-d8	10.49	136	155126	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	96429	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	229160	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	268194	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	279169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	9805	13.44	ng/uL	0.00
5) Phenol-d5	6.87	99	112845	34.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	59531	34.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	94787	34.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	97179	34.00	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	48169	35.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	54747	35.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	97254	34.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	132415	35.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	321941	33.73	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	375806	34.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	64751	34.39	ng/ul	0.00
58) Fluorene-d10	15.35	176	263849	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	55380	34.77	ng/ul	0.00
71) Anthracene-d10	17.20	188	420057	33.69	ng/ul	0.00
79) Pyrene-d10	19.50	212	470473	33.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	556174	33.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	11540	13.53	ng/uL	100
4) Benzaldehyde	6.84	77	70076	36.39	ng/ul	100
6) Phenol	6.90	94	118347	34.07	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.13	93	86878	34.03	ng/ul	100
10) 2-Chlorophenol	7.26	128	97983	34.79	ng/ul	100
11) 2-Methylphenol	8.15	108	93801	34.08	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.24	45	88900	34.36	ng/ul	100
14) Acetophenone	8.52	105	152509	34.31	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.51	70	74182	34.49	ng/ul	100
16) 4-Methylphenol	8.47	108	104693	34.13	ng/ul	100
17) Hexachloroethane	8.77	117	37197	34.63	ng/ul	100
20) Nitrobenzene	8.90	77	108917	34.65	ng/ul	100
21) Isophorone	9.42	82	213737	34.34	ng/ul	100
23) 2-Nitrophenol	9.61	139	59721	34.99	ng/ul	100
24) 2,4-Dimethylphenol	9.67	107	118968	34.44	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.91	93	126430	33.83	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	100689	34.63	ng/ul	100
28) Naphthalene	10.54	128	324073	33.87	ng/ul	100
30) 4-Chloroaniline	10.66	127	134185	35.45	ng/ul	100
31) Hexachlorobutadiene	10.82	225	60355	33.94	ng/ul	100
32) Caprolactam	11.42	113	36478m	33.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	117057	34.56	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	239953	33.73	ng/ul	100

UM 12/20/15

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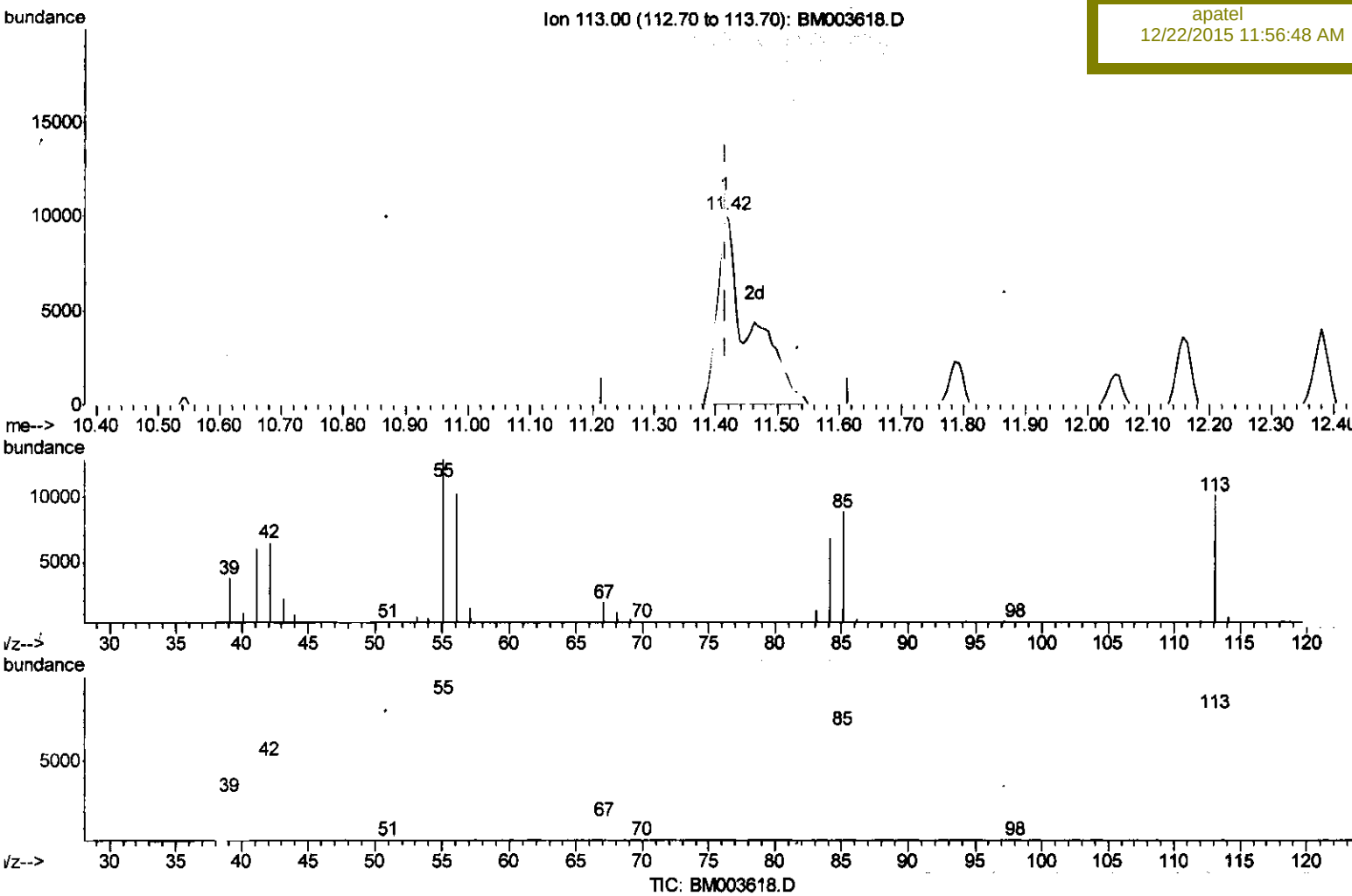

(32) Caprolactam

11.416min (0.000) 33.52ng/ul m

response 36478

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	127.39
56.00	101.50	101.45
0.00	0.00	0.00

UM 12/20/15

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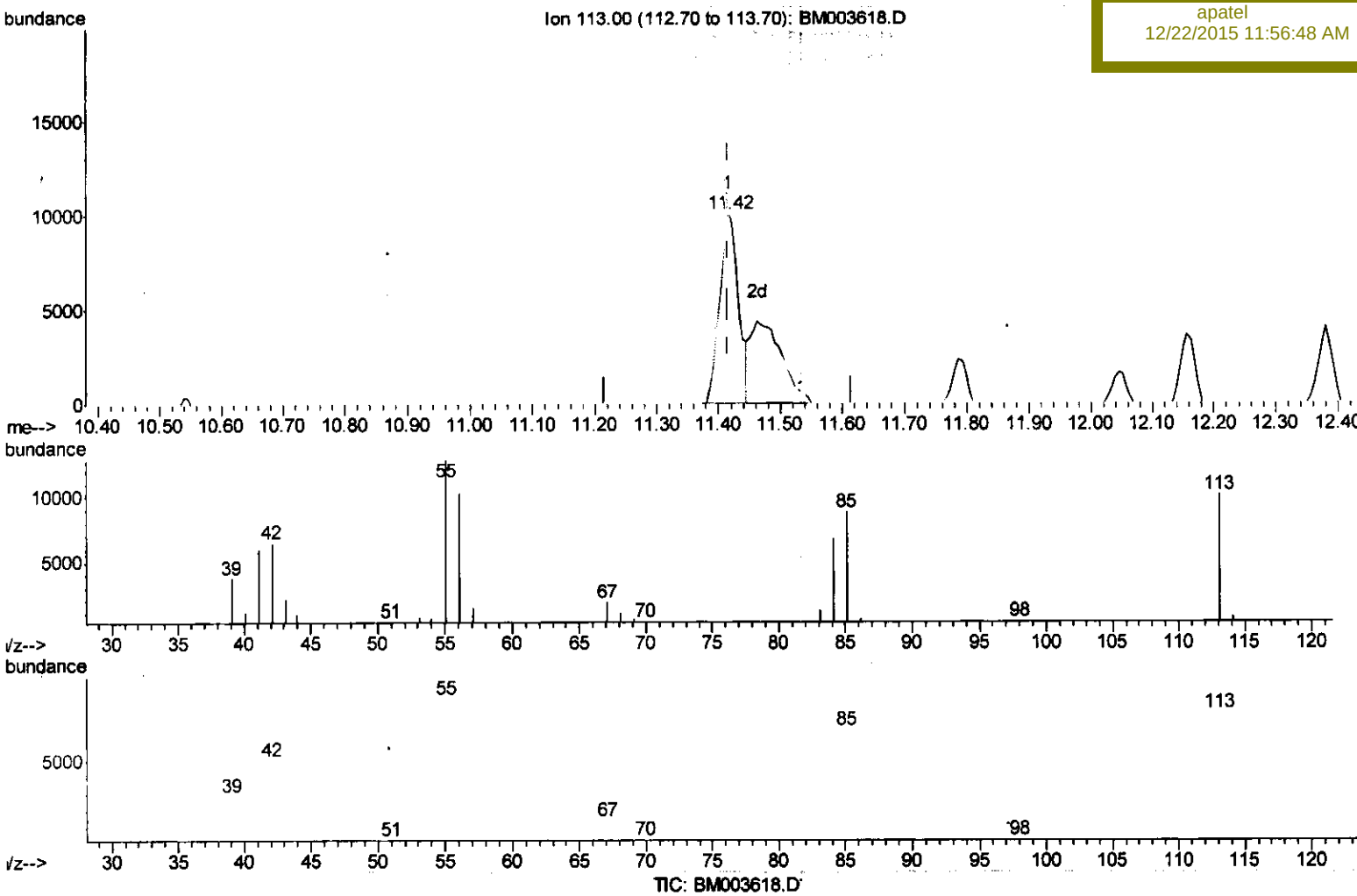

(32) Caprolactam

11.416min (0.000) 19.66ng/ul

response 21391

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	127.39
56.00	101.50	101.45
0.00	0.00	0.00