Data Path : Z:\HPCHEM1\BNA_M\Data\BM061515\
Data File : BM001698.D
Acq On : 15 Jun 2015 13:07
Operator : TP/IZ
Sample : SSTD04095

Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 14:22:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 15 14:01:46 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04095

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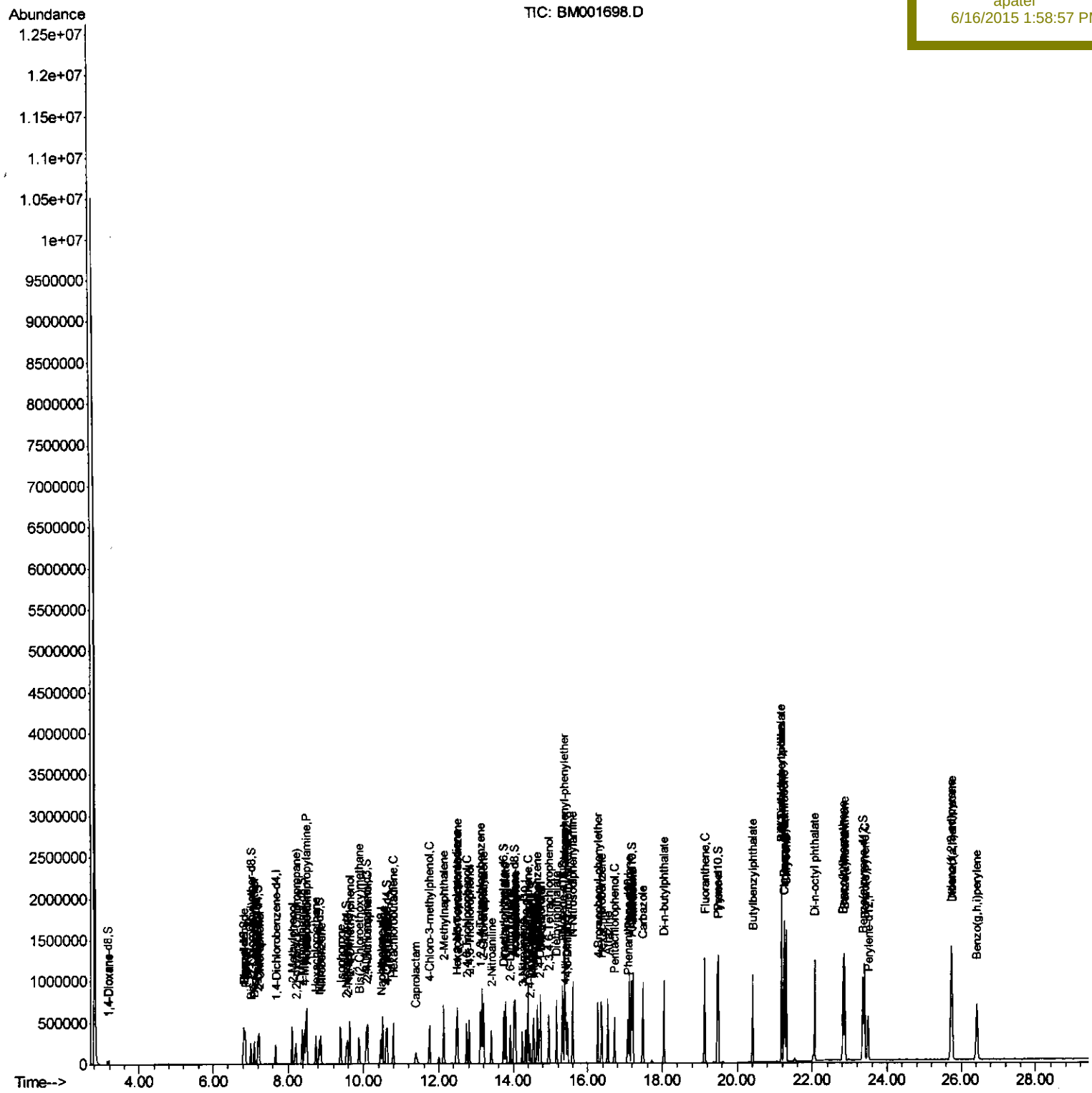
6/16/2015 1:58:57 PM

TIC: BM001698.D



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6/16/2015 1:58:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	197799	40.50	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	121451	38.28	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	119805	41.65	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	132849	43.09	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	435060	41.37	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	339972	41.29	ng/ul	98
42) 2-Nitroaniline	13.40	65	99111	45.44	ng/ul	98
44) Dimethylphthalate	13.78	163	434879	42.51	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	86887	44.34	ng/ul	98
47) Acenaphthylene	14.05	152	530099	41.87	ng/ul	100
48) 3-Nitroaniline	14.23	138	83279	48.61	ng/ul	96
49) Acenaphthene	14.39	153	350466	41.16	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	50041	44.70	ng/ul	95
52) 4-Nitrophenol	14.54	109	77004	42.29	ng/ul	97
53) Dibenzofuran	14.72	168	495416	40.97	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	125515	44.80	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.94	232	112182	41.26	ng/ul	99
56) Diethylphthalate	15.15	149	416764	42.20	ng/ul	100
58) Fluorene	15.37	166	417193	41.56	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	221661	40.08	ng/ul	98
60) 4-Nitroaniline	15.40	138	91938	49.35	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	76848	43.01	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	352093	42.10	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	132893	40.78	ng/ul	97
66) Hexachlorobenzene	16.37	284	148656	41.53	ng/ul	97
67) Atrazine	16.54	200	141975	41.83	ng/ul	98
68) Pentachlorophenol	16.72	266	91756	40.37	ng/ul	99
69) Phenanthrene	17.11	178	638338	41.89	ng/ul	98
71) Anthracene	17.20	178	660442	42.10	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	191668	43.43	ng/uL	96
73) Pentachlorobenzene	14.64	250	172910	41.09	ng/uL	96
74) Carbazole	17.47	167	583006	43.06	ng/ul	99
75) Di-n-butylphthalate	18.04	149	653222	43.74	ng/ul	100
76) Fluoranthene	19.13	202	768608	42.84	ng/ul	99
79) Pyrene	19.49	202	803220	40.97	ng/ul	100
80) Butylbenzylphthalate	20.40	149	287264	43.49	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.18	252	276879	46.87	ng/ul	99
82) Benzo(a)anthracene	21.24	228	840150	41.69	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	432430	45.05	ng/ul	99
84) Chrysene	21.30	228	788131	41.68	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	755054	39.94	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	905008	41.92	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	835987	40.30	ng/ul	99
90) Benzo(a)pyrene	23.39	252	861925	41.50	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	1031137	42.72	ng/ul	100
92) Dibenzo(a,h)anthracene	25.74	278	871988	42.51	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	858299	42.88	ng/ul	99

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

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6/16/2015 1:58:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	59759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	231367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136038	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	301242	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	367608	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	387582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	19852	18.58	ng/uL	0.00
5) Phenol-d5	6.83	99	180312	43.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	100233	42.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	144073	42.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	144183	42.57	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	65481	42.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	73043	42.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	151777	41.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	171443	48.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	397424	42.68	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	526464	42.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	74116	45.42	ng/ul	0.00
57) Fluorene-d10	15.32	176	362747	41.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	72756	42.89	ng/ul	0.00
70) Anthracene-d10	17.17	188	557393	42.42	ng/ul	0.00
78) Pyrene-d10	19.46	212	621989	41.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	677573	42.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	21090	17.96	ng/uL	94
4) Benzaldehyde	6.81	77	122892	48.23	ng/ul	98
6) Phenol	6.86	94	185759	42.68	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	138633	42.04	ng/ul	98
10) 2-Chlorophenol	7.23	128	147595	41.73	ng/ul	98
11) 2-Methylphenol	8.11	108	138036	42.25	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	169728	41.44	ng/ul	99
14) Acetophenone	8.49	105	229144	41.72	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	114762	42.80	ng/ul	98
16) 4-Methylphenol	8.44	108	148053	42.15	ng/ul	98
17) Hexachloroethane	8.74	117	60264	40.68	ng/ul	96
20) Nitrobenzene	8.87	77	173497	41.23	ng/ul	99
21) Isophorone	9.39	82	292142	42.03	ng/ul	100
23) 2-Nitrophenol	9.57	139	78936	42.60	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	175547	41.31	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	178993	42.85	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	143271	40.59	ng/ul	96
28) Naphthalene	10.51	128	453844	41.11	ng/ul	98
30) 4-Chloroaniline	10.62	127	173004	47.76	ng/ul	96
31) Hexachlorobutadiene	10.79	225	107671	37.54	ng/ul	98
32) Caprolactam	11.38	113	43758m	46.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	156421	43.68	ng/ul	97
34) 2-Methylnaphthalene	12.13	142	328265	40.88	ng/ul	99

M.D 06/18/2015

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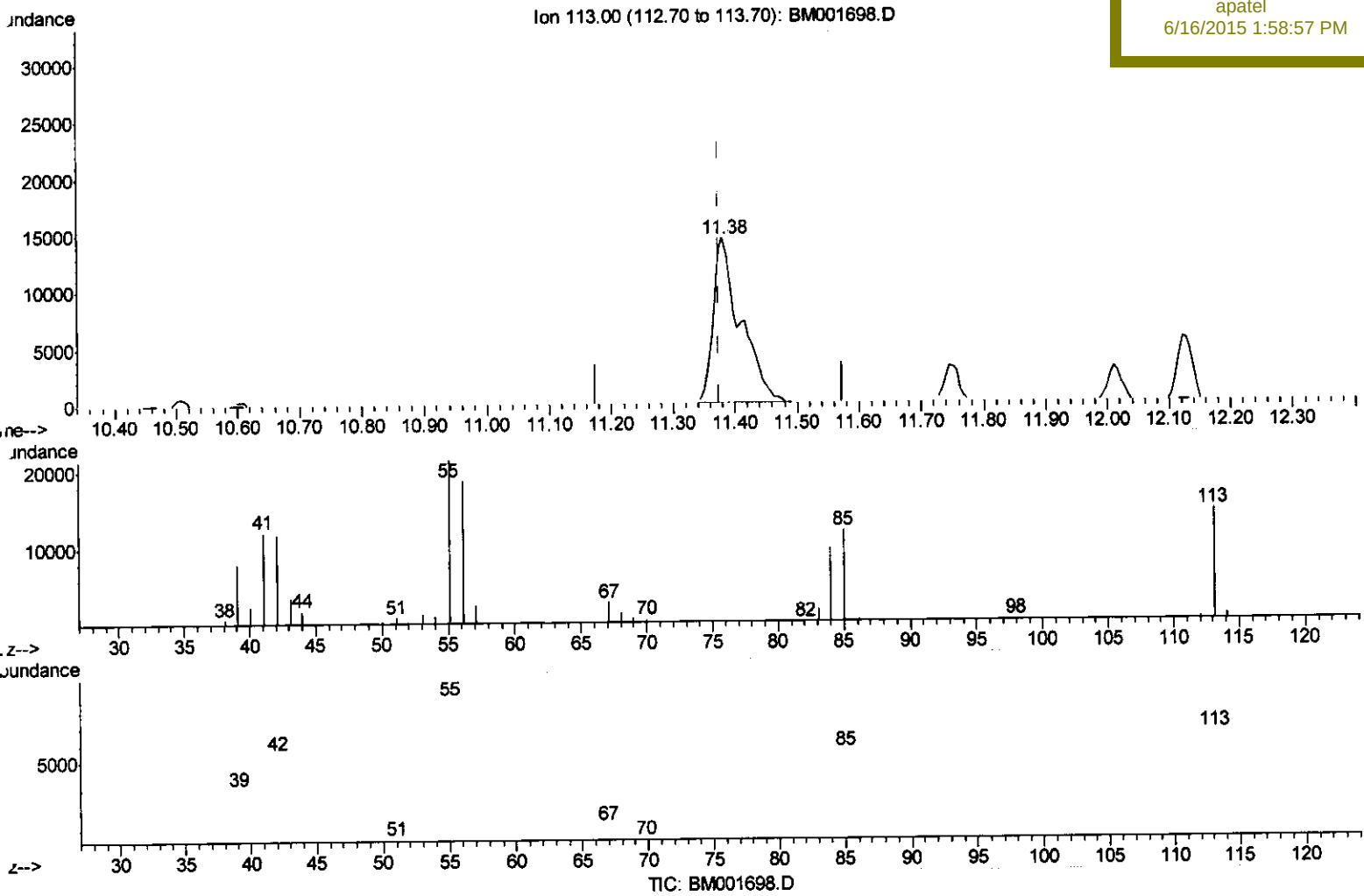

(32) Caprolactam

11.380min (+0.006) 46.68ng/ul m

response 43758

Ion	Exp%	Act%
113.00	100	100
55.00	154.10	148.02
56.00	123.20	129.28
0.00	0.00	0.00

M.P 6/16/2015

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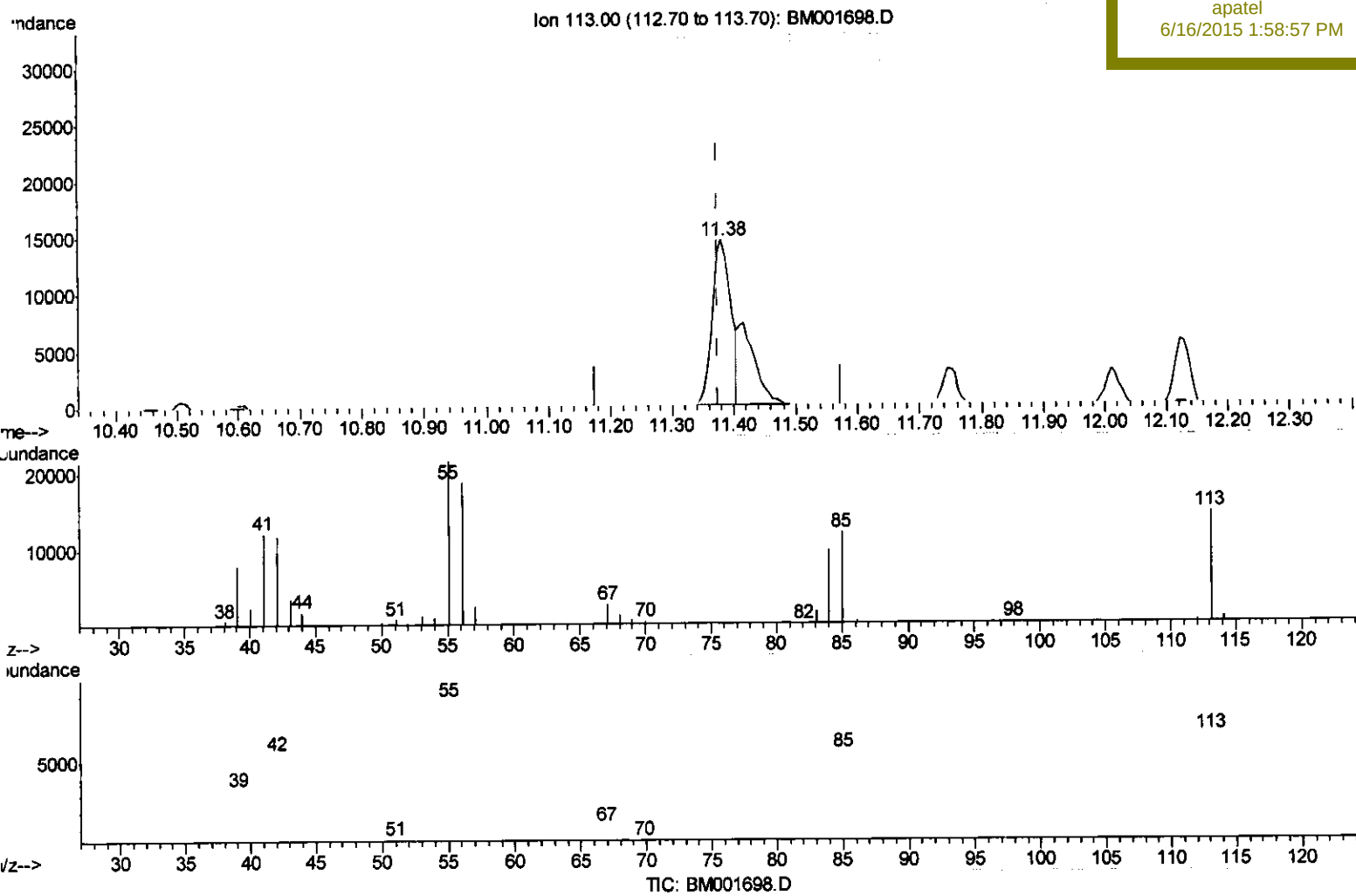

(32) Caprolactam

11.380min (+0.006) 32.31ng/ul

response 30288

Ion	Exp%	Act%
113.00	100	100
55.00	154.10	148.02
56.00	123.20	129.28
0.00	0.00	0.00