

(OT Reviewed)

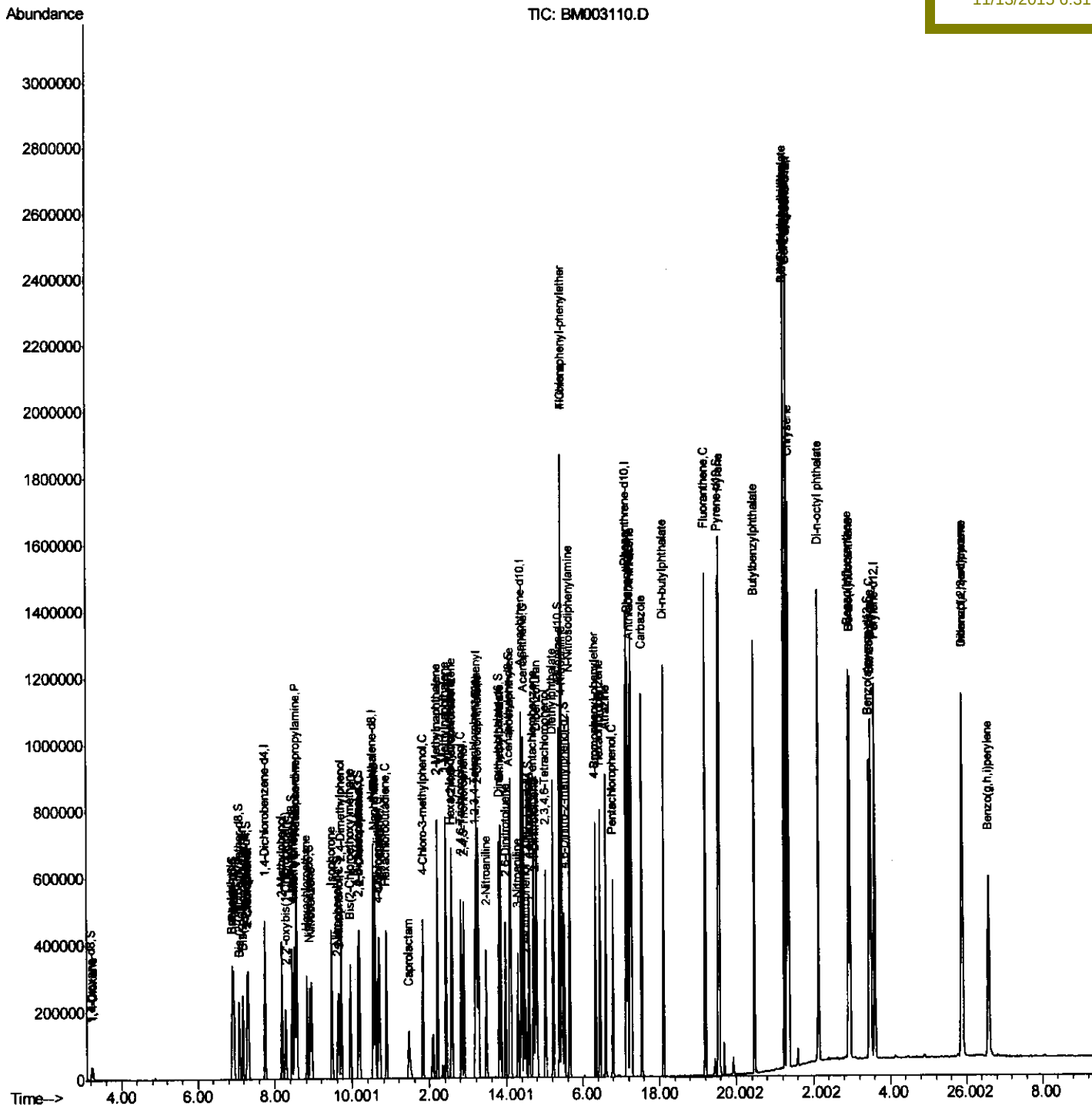
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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\  
Data File : BM003110.D  
Acq On    : 12 Nov 2015 10:00  
Operator  : UM/IZ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02038

Quant Time: Nov 13 13:00:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 11:51:18 2015
Response via : Initial Calibration

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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. (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.43	142	377664	17.41	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	190125	16.13	ng/ul	98
38) Hexachlorocyclopentadiene	12.56	237	100726	14.52	ng/ul	96
39) 2,4,6-Trichlorophenol	12.82	196	126055	17.52	ng/ul	99
40) 2,4,5-Trichlorophenol	12.89	196	138390	17.88	ng/ul	99
41) 1,1'-Biphenyl	13.23	154	504738	16.26	ng/ul	99
42) 2-Chloronaphthalene	13.27	162	382268	16.56	ng/ul	99
43) 2-Nitroaniline	13.47	65	99074	21.34	ng/ul	92
45) Dimethylphthalate	13.85	163	497626	17.62	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	98548	21.35	ng/ul#	85
48) Acenaphthylene	14.12	152	635209	16.94	ng/ul	99
49) 3-Nitroaniline	14.30	138	98635	20.20	ng/ul	92
50) Acenaphthene	14.46	153	418278	16.56	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	51827	20.21	ng/ul	93
53) 4-Nitrophenol	14.60	109	74889	21.09	ng/ul#	71
54) Dibenzofuran	14.80	168	600625	17.01	ng/ul	97
55) 2,4-Dinitrotoluene	14.76	165	147206	22.66	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.02	232	121677	19.05	ng/ul#	98
57) Diethylphthalate	15.22	149	511807	18.38	ng/ul	99
59) Fluorene	15.44	166	484753	17.66	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	232638	18.05	ng/ul	95
61) 4-Nitroaniline	15.46	138	107821	20.61	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.52	198	80885	18.85	ng/ul	95
65) N-Nitrosodiphenylamine	15.66	169	427536	16.66	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	144861	17.41	ng/ul	98
67) Hexachlorobenzene	16.45	284	167751	16.63	ng/ul	99
68) Atrazine	16.60	200	164394	18.54	ng/ul	98
69) Pentachlorophenol	16.79	266	100488	17.77	ng/ul	96
70) Phenanthrene	17.19	178	793741	16.40	ng/ul	99
72) Anthracene	17.27	178	803227	16.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	190253	14.68	ng/uL	99
74) Pentachlorobenzene	14.72	250	189411	15.46	ng/uL	98
75) Carbazole	17.54	167	728234	18.04	ng/ul	99
76) Di-n-butylphthalate	18.11	149	900928	19.37	ng/ul	99
77) Fluoranthene	19.20	202	920070	18.80	ng/ul	94
80) Pyrene	19.57	202	960236	15.92	ng/ul#	93
81) Butylbenzylphthalate	20.47	149	412002	23.15	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	268846	20.86	ng/ul	99
83) Benzo(a)anthracene	21.32	228	901010	17.79	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	614724	22.09	ng/ul	100
85) Chrysene	21.37	228	843138	16.83	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	1021284	25.09	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	821919	18.05	ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	766110	18.03	ng/ul#	96
91) Benzo(a)pyrene	23.50	252	745353	17.29	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.89	276	792174	16.71	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.90	278	672024	17.99	ng/ul#	93
94) Benzo(g,h,i)perylene	26.59	276	656615	15.39	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	131036	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.55	136	611869	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.40	164	368388	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.14	188	854672	20.00	ng/ul	-0.02
78) Chrysene-d12	21.33	240	921963	20.00	ng/ul	-0.02
86) Perylene-d12	23.60	264	790396	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	17795	6.40	ng/uL	-0.02
5) Phenol-d5	6.91	99	177226	17.11	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	98210	16.22	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.28	132	152389	17.36	ng/ul	-0.02
13) 4-Methylphenol-d8	8.45	113	152169	18.22	ng/ul	-0.02
19) Nitrobenzene-d5	8.90	128	74757	20.04	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.63	143	80774	21.37	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.16	165	153740	18.13	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.67	131	189863	17.31	ng/ul	-0.02
44) Dimethylphthalate-d6	13.80	166	499087	18.01	ng/ul	-0.02
47) Acenaphthylene-d8	14.09	160	601725	17.13	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.59	143	96744	20.71	ng/ul	-0.02
58) Fluorene-d10	15.39	176	422924	17.65	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.51	200	74872	18.92	ng/ul	-0.01
71) Anthracene-d10	17.24	188	657997	17.37	ng/ul	-0.02
79) Pyrene-d10	19.54	212	737295	16.25	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.45	264	670872	17.86	ng/ul	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	18890	6.22	ng/uL	92
4) Benzaldehyde	6.89	77	76482	14.37	ng/ul	96
6) Phenol	6.94	94	182511	17.12	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	142573	16.76	ng/ul	97
10) 2-Chlorophenol	7.31	128	157181	17.34	ng/ul	97
11) 2-Methylphenol	8.19	108	146195	17.58	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	157704	15.08	ng/ul#	93
14) Acetophenone	8.57	105	234610	18.49	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.56	70	112888	17.97	ng/ul	93
16) 4-Methylphenol	8.52	108	162422	18.08	ng/ul	100
17) Hexachloroethane	8.83	117	59617	17.28	ng/ul	98
20) Nitrobenzene	8.95	77	164120	18.15	ng/ul	94
21) Isophorone	9.47	82	322484	17.59	ng/ul	96
23) 2-Nitrophenol	9.66	139	89170	20.31	ng/ul#	90
24) 2,4-Dimethylphenol	9.72	107	180353	17.58	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.96	93	202515	17.10	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	157935	18.16	ng/ul	99
28) Naphthalene	10.59	128	517581	16.86	ng/ul	100
30) 4-Chloroaniline	10.70	127	198562	17.27	ng/ul	99
31) Hexachlorobutadiene	10.88	225	96014	17.82	ng/ul	100
32) Caprolactam	11.45	113	52948m	21.51	ng/ul	95
33) 4-Chloro-3-methylphenol	11.83	107	171491	18.65	ng/ul	95
34) 2-Methylnaphthalene	12.21	142	387855	17.53	ng/ul	100

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Quantitation Report (Qedit)

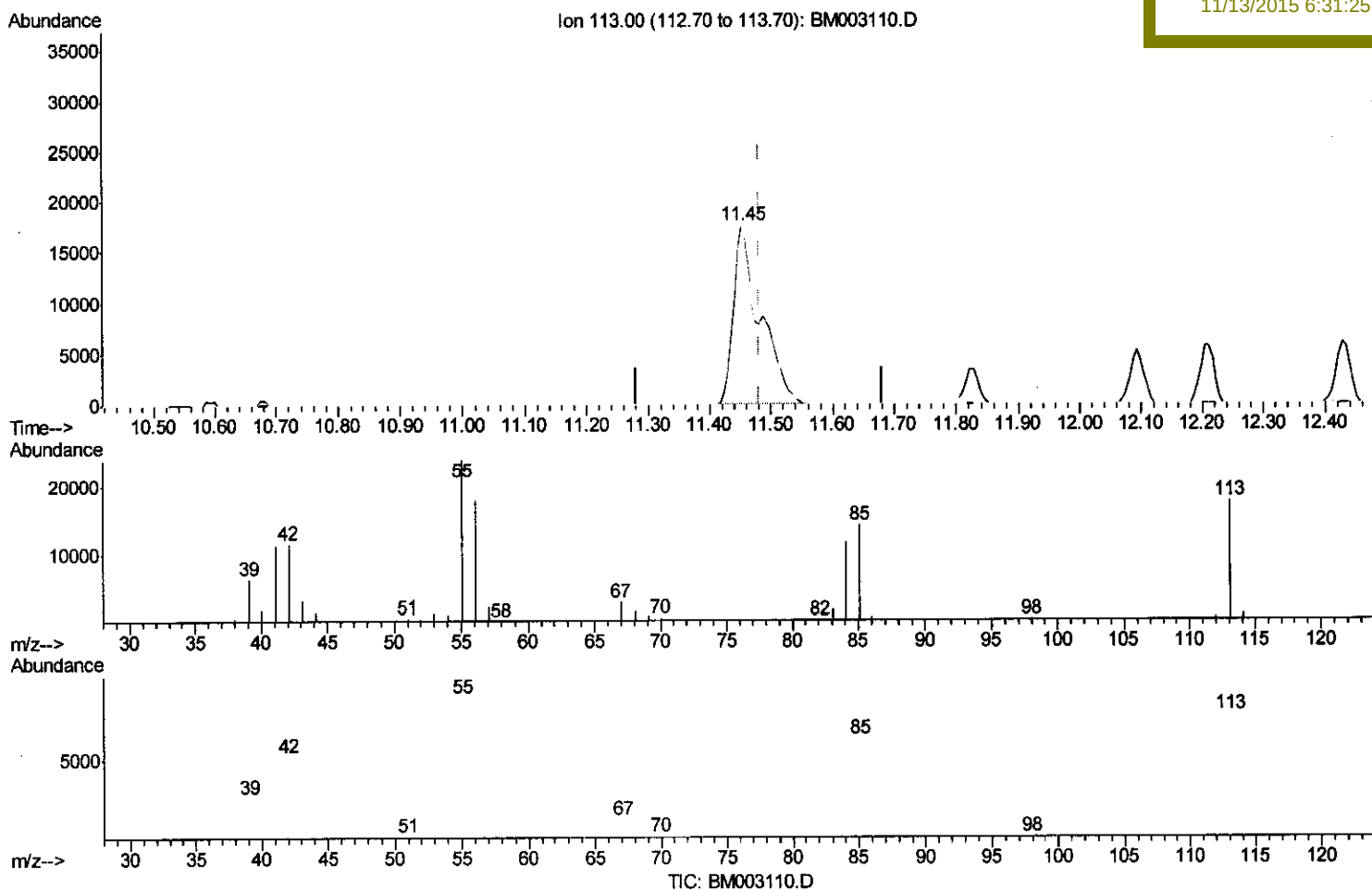
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(32) Caprolactam

11.451min (-0.029) 21.51ng/ul m

response 52948

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	135.49
56.00	103.40	101.50
0.00	0.00	0.00

Quantitation Report (Qedit)

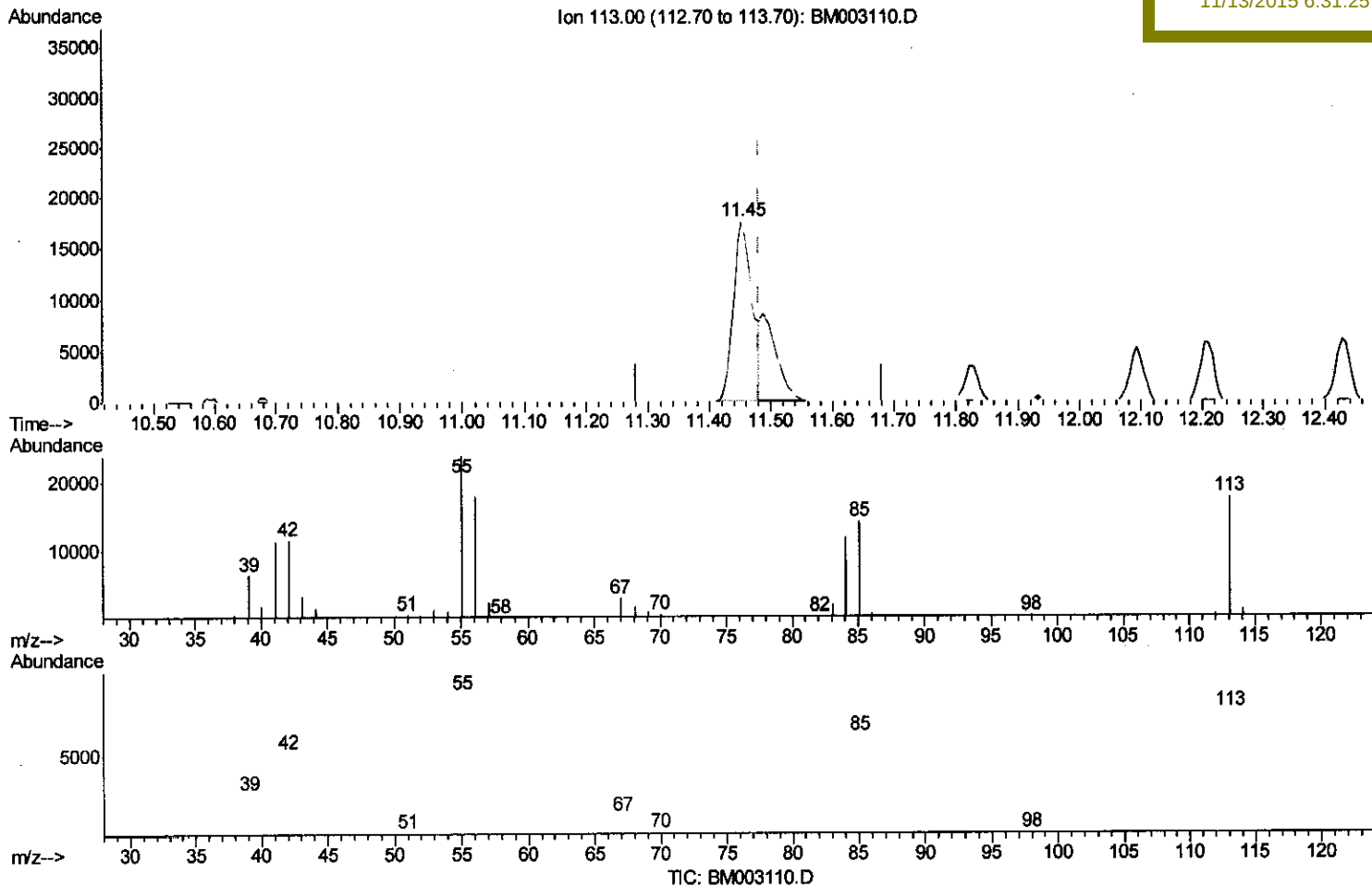
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(32) Caprolactam

11.451min (-0.029) 15.36ng/ul

response 37823

Ion	Exp%	Act%
113.00	100	100
55.00	141.10	135.49
56.00	103.40	101.50
0.00	0.00	0.00