

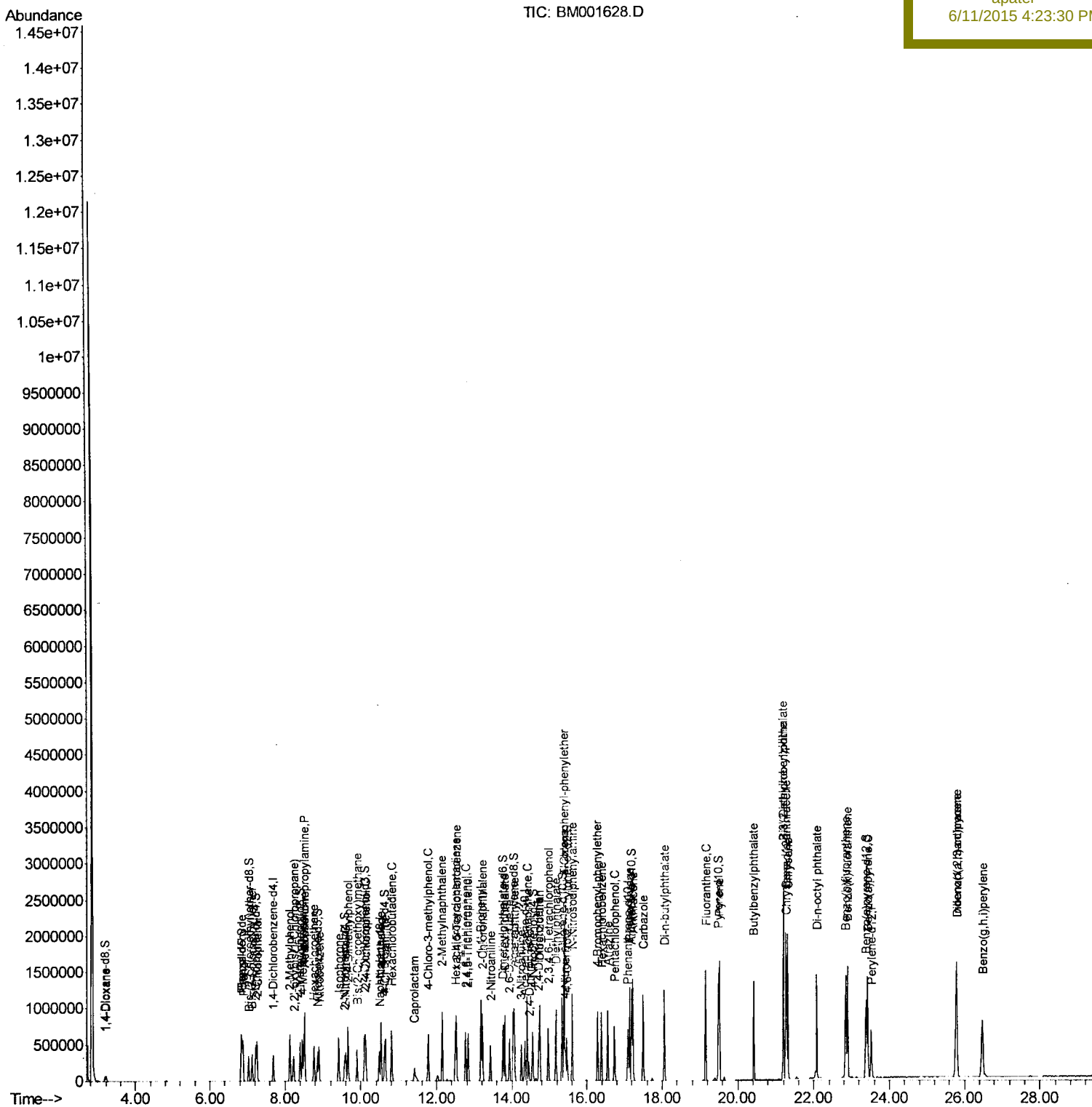
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Data Path : Z:\HPCHEM1\BNA_M\Data\BM061015\
Data File : BM001628.D
Acq On    : 10 Jun 2015  11:51
Operator  : TP/IZ
Sample    : SS11D04082
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
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Quant Time: Jun 10 12:44:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 10 12:17:13 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD04082

Manual Integrations APPROVED

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Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	1,2,4,5-Tetrachlorobenzene	12.52	216	255161	46.33	ng/ul	97
37)	Hexachlorocyclopentadiene	12.49	237	157050	54.41	ng/ul	95
38)	2,4,6-Trichlorophenol	12.76	196	155206	46.08	ng/ul	99
39)	2,4,5-Trichlorophenol	12.83	196	169309	46.88	ng/ul	95
40)	1,1'-Biphenyl	13.17	154	547106	36.61	ng/ul	96
41)	2-Chloronaphthalene	13.21	162	428151	37.45	ng/ul	98
42)	2-Nitroaniline	13.42	65	124952	40.19	ng/ul	94
44)	Dimethylphthalate	13.80	163	526371	39.51	ng/ul	99
45)	2,6-Dinitrotoluene	13.93	165	109622	44.21	ng/ul	96
47)	Acenaphthylene	14.06	152	663729	35.95	ng/ul	99
48)	3-Nitroaniline	14.25	138	102689	43.41	ng/ul#	91
49)	Acenaphthene	14.40	153	437042	35.89	ng/ul	99
50)	2,4-Dinitrophenol	14.46	184	54790	40.26	ng/ul#	88
52)	4-Nitrophenol	14.56	109	94639	54.15	ng/ul#	69
53)	Dibenzofuran	14.74	168	616850	36.42	ng/ul	93
54)	2,4-Dinitrotoluene	14.71	165	154821	42.11	ng/ul	93
55)	2,3,4,6-Tetrachlorophenol	14.97	232	141820	48.31	ng/ul	93
56)	Diethylphthalate	15.17	149	514282	38.94	ng/ul	99
58)	Fluorene	15.39	166	518971	37.23	ng/ul	96
59)	4-Chlorophenyl-phenylether	15.39	204	279133	41.98	ng/ul	95
60)	4-Nitroaniline	15.42	138	106854	36.40	ng/ul#	67
63)	4,6-Dinitro-2-methylphenol	15.47	198	90521	39.03	ng/ul#	95
64)	N-Nitrosodiphenylamine	15.60	169	431219	35.32	ng/ul	97
65)	4-Bromophenyl-phenylether	16.28	248	168187	43.79	ng/ul	98
66)	Hexachlorobenzene	16.39	284	182780	42.19	ng/ul	93
67)	Atrazine	16.56	200	174379	44.58	ng/ul	95
68)	Pentachlorophenol	16.73	266	117271	51.05	ng/ul	98
69)	Phenanthrene	17.13	178	781229	35.23	ng/ul	98
71)	Anthracene	17.22	178	815159	36.11	ng/ul	100
72)	Carbazole	17.49	167	711200	35.44	ng/ul	98
73)	Di-n-butylphthalate	18.06	149	804181	36.13	ng/ul#	99
74)	Fluoranthene	19.15	202	948311	39.65	ng/ul#	86
77)	Pyrene	19.52	202	991531	32.51	ng/ul#	84
78)	Butylbenzylphthalate	20.42	149	356723	31.83	ng/ul#	93
79)	3,3'-Dichlorobenzidine	21.20	252	321456	44.07	ng/ul#	98
80)	Benzo(a)anthracene	21.26	228	1029513	36.88	ng/ul	100
81)	Bis(2-ethylhexyl)phthalate	21.19	149	525374	31.35	ng/ul	100
82)	Chrysene	21.32	228	965778	36.31	ng/ul	100
84)	Di-n-octyl phthalate	22.07	149	897559	29.12	ng/ul	100
85)	Benzo(b)fluoranthene	22.84	252	1013343	35.00	ng/ul#	94
86)	Benzo(k)fluoranthene	22.89	252	1015770	37.50	ng/ul#	95
88)	Benzo(a)pyrene	23.42	252	996862	36.79	ng/ul#	95
89)	Indeno(1,2,3-cd)pyrene	25.78	276	1178368	39.99	ng/ul#	88
90)	Dibenzo(a,h)anthracene	25.79	278	986102	39.76	ng/ul#	91
91)	Benzo(g,h,i)perylene	26.47	276	995708	39.98	ng/ul#	88

(#) = 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	7.69	152	87751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	322966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	178477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	396128	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	480207	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	469373	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	30223	16.05	ng/uL	0.00
5) Phenol-d5	6.86	99	250351	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	139461	32.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	205032	36.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	191408	35.44	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	88082	40.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	98246	40.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	199208	42.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	221849	48.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	480910	40.44	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	648964	38.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	86460	37.40	ng/ul	0.00
57) Fluorene-d10	15.33	176	443923	37.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	84405	39.24	ng/ul	0.00
70) Anthracene-d10	17.19	188	683736	38.12	ng/ul	0.00
76) Pyrene-d10	19.49	212	760024	34.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	782907	37.26	ng/ul	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.21	88	32849	16.86 ng/uL	86
4) Benzaldehyde	6.83	77	162119	36.92 ng/ul	94
6) Phenol	6.88	94	258684	35.73 ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.12	93	191567	33.18 ng/ul	92
10) 2-Chlorophenol	7.25	128	208899	35.46 ng/ul	99
11) 2-Methylphenol	8.13	108	186555	34.16 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.23	45	233317	22.68 ng/ul#	88
14) Acetophenone	8.51	105	311879	35.60 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.50	70	153019	35.12 ng/ul	90
16) 4-Methylphenol	8.46	108	200445	33.63 ng/ul	94
17) Hexachloroethane	8.76	117	85004	37.22 ng/ul	86
20) Nitrobenzene	8.89	77	239714	42.56 ng/ul	95
21) Isophorone	9.41	82	394928	39.68 ng/ul#	98
23) 2-Nitrophenol	9.60	139	106500	39.79 ng/ul#	89
24) 2,4-Dimethylphenol	9.66	107	233571	41.38 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	230810	35.16 ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	194718	41.13 ng/ul	98
28) Naphthalene	10.53	128	596692	35.63 ng/ul	98
30) 4-Chloroaniline	10.65	127	227515	48.34 ng/ul	98
31) Hexachlorobutadiene	10.81	225	148944	52.39 ng/ul	98
32) Caprolactam	11.40	113	53164m	42.33 ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	199404	41.02 ng/ul	96
34) 2-Methylnaphthalene	12.15	142	424236	36.26 ng/ul	97

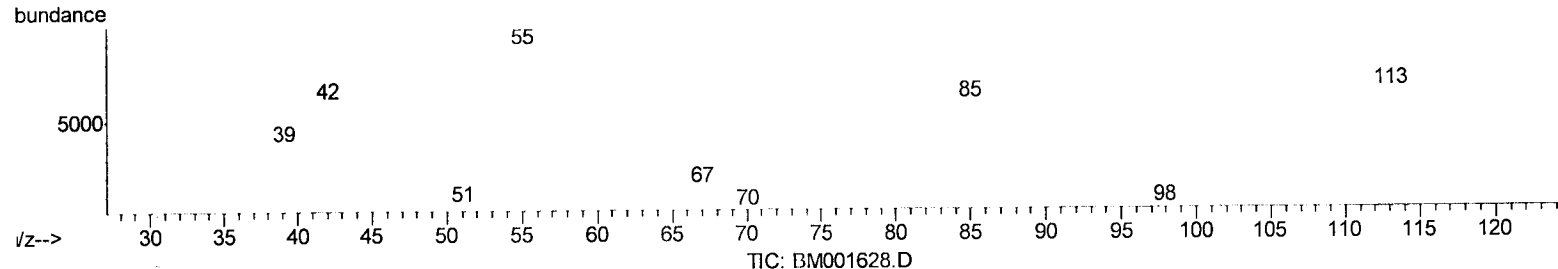
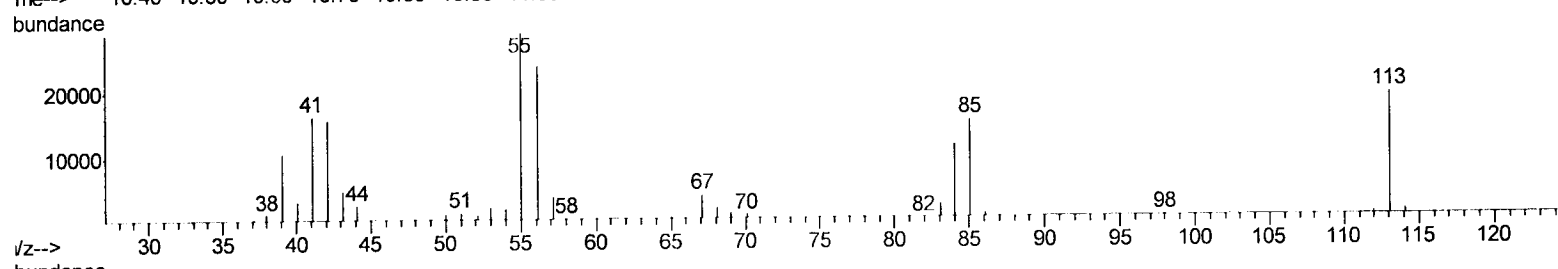
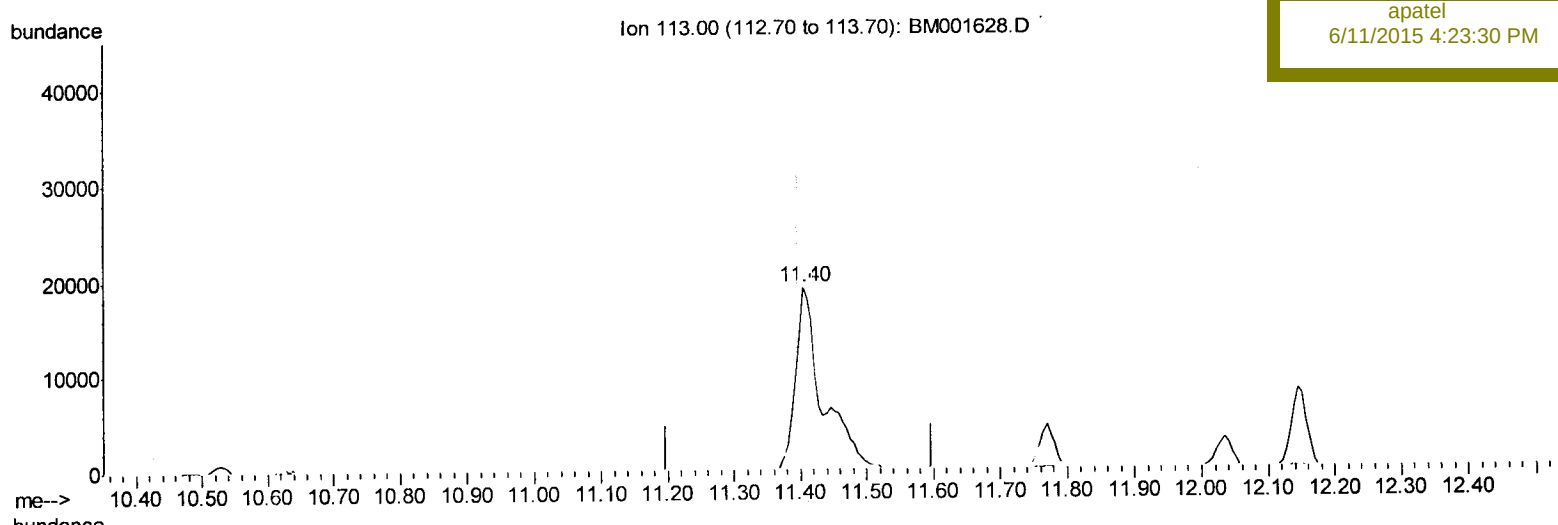
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06/10/15

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(32) Caprolactam

11.404min (+0.006) 42.33ng/ul m

response 53164

T-P
06/10/15

Ion	Exp%	Act%
113.00	100	100
55.00	192.90	152.67#
56.00	139.50	125.54
0.00	0.00	0.00

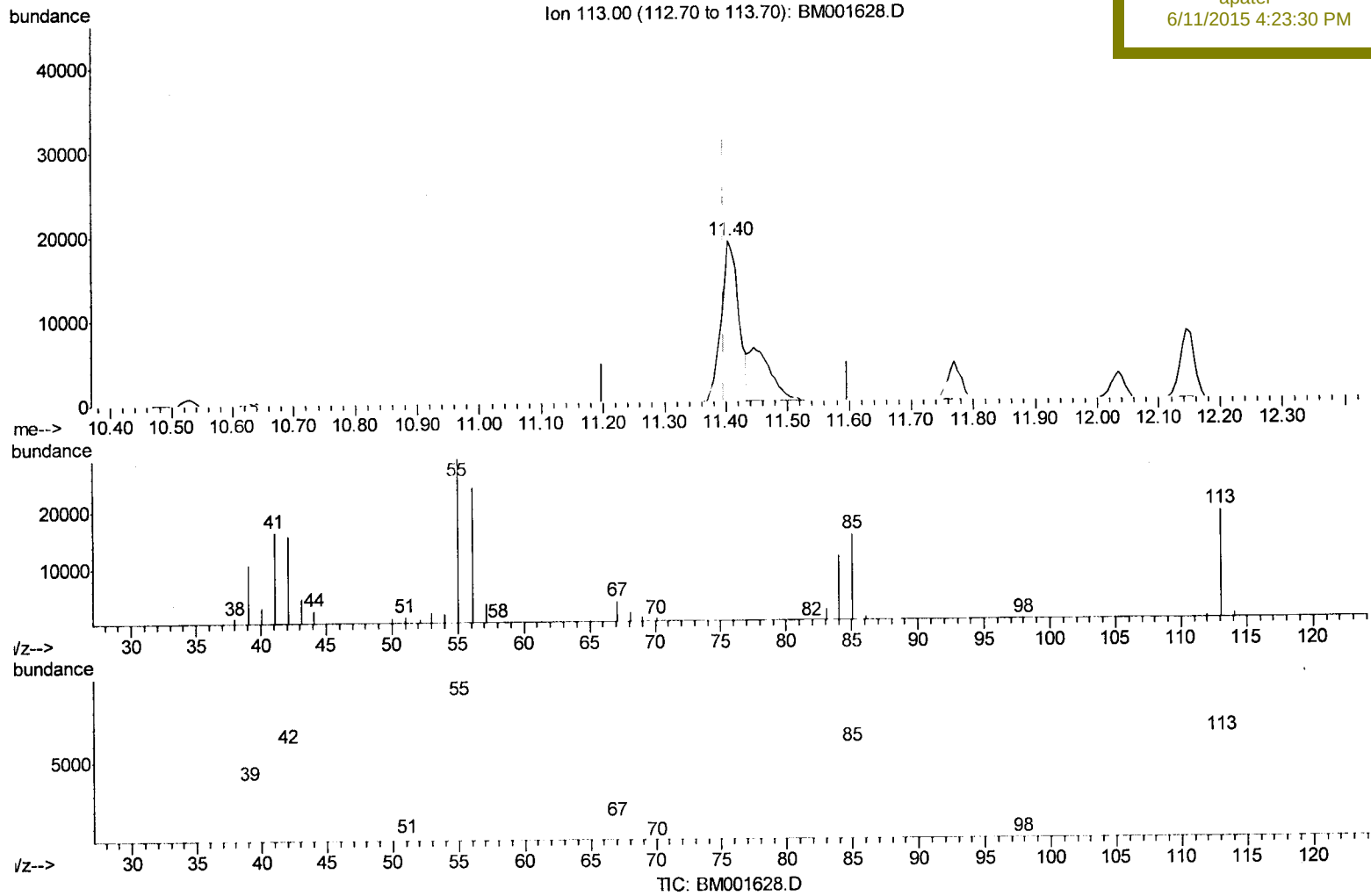
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Manual Integrations
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(32) Caprolactam

11.404min (+0.006) 30.08ng/ul

response 37783

Ion	Exp%	Act%
113.00	100	100
55.00	192.90	152.67#
56.00	139.50	125.54
0.00	0.00	0.00