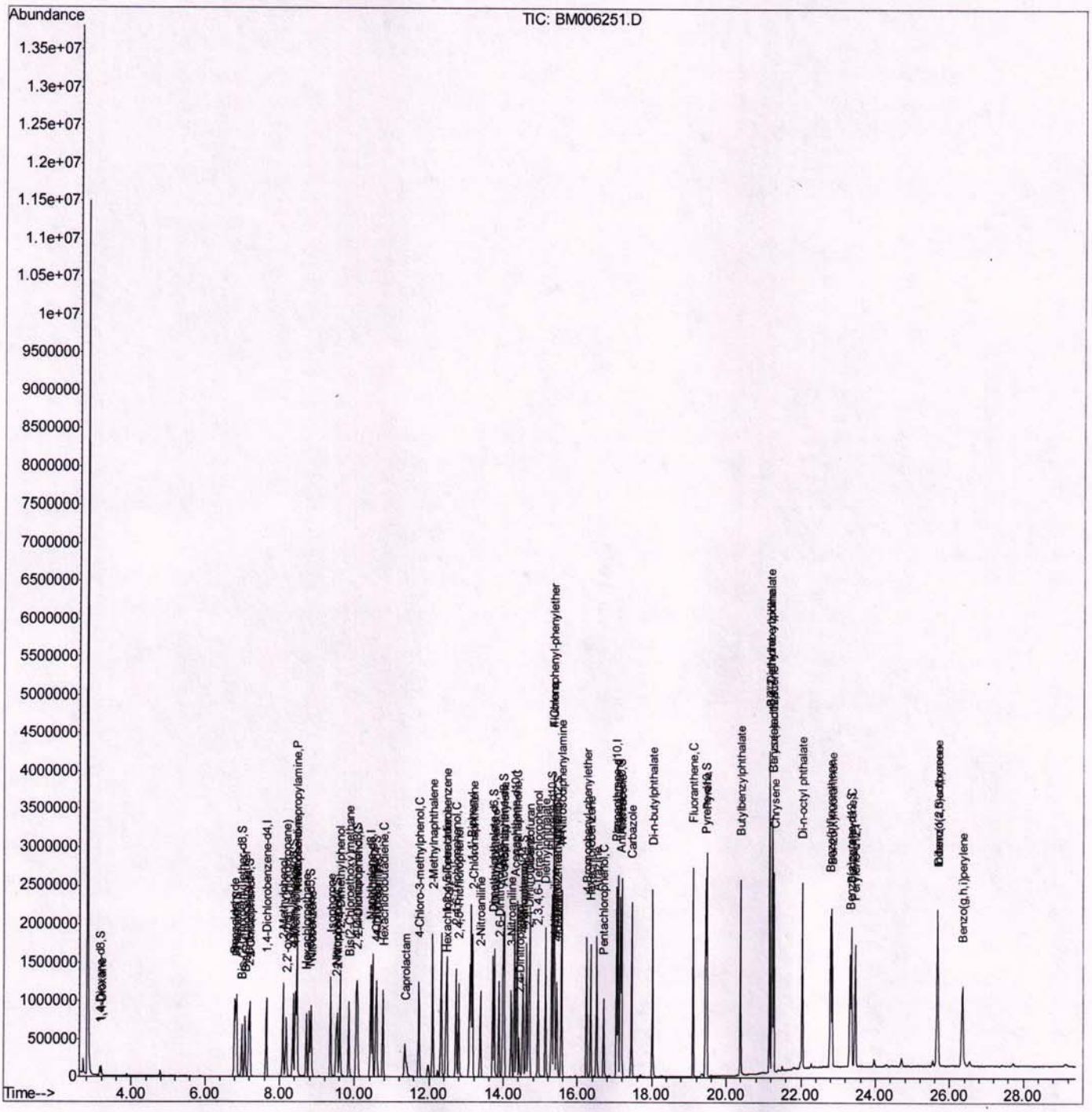
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070316\
Data File : BM006251.D
Acq On : 04 Jul 2016 01:12
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 05:03:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 01:54:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02036

Manual Integrations APPROVED
Sohil
7/5/2016 1:14:18 PM



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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	467717	20.14 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	226548	17.16 ng/ul	96
38) 2,4,6-Trichlorophenol	12.72	196	317046	19.32 ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	330054	19.26 ng/ul	97
40) 1,1'-Biphenyl	13.12	154	1186219	20.60 ng/ul	100
41) 2-Chloronaphthalene	13.16	162	911401	20.31 ng/ul	99
42) 2-Nitroaniline	13.37	65	323402	18.88 ng/ul	95
44) Dimethylphthalate	13.76	163	1109232	18.93 ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	234869	18.50 ng/ul	98
47) Acenaphthylene	14.02	152	1487987	19.64 ng/ul	100
48) 3-Nitroaniline	14.20	138	252468	21.77 ng/ul	100
49) Acenaphthene	14.36	153	940733	19.55 ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	98746	13.97 ng/ul	94
52) 4-Nitrophenol	14.53	109	179605	16.17 ng/ul	97
53) Dibenzofuran	14.70	168	1334928	19.44 ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	324952	18.12 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.93	232	273473	17.70 ng/ul	99
56) Diethylphthalate	15.13	149	1123966	18.38 ng/ul	99
58) Fluorene	15.35	166	1027663	18.66 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	502071	18.57 ng/ul	99
60) 4-Nitroaniline	15.37	138	263335	19.25 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	167633	18.32 ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	916186	20.86 ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	331156	20.35 ng/ul	98
66) Hexachlorobenzene	16.35	284	349248	19.44 ng/ul	99
67) Atrazine	16.52	200	324446	20.00 ng/ul	99
68) Pentachlorophenol	16.70	266	171546	17.97 ng/ul	97
69) Phenanthrene	17.09	178	1591575	19.63 ng/ul	99
71) Anthracene	17.18	178	1637827	19.56 ng/ul	99
72) Carbazole	17.45	167	1418700	20.21 ng/ul	99
73) Di-n-butylphthalate	18.02	149	1797942	18.64 ng/ul	99
74) Fluoranthene	19.11	202	1696909	18.81 ng/ul	98
77) Pyrene	19.47	202	1717477	22.96 ng/ul	99
78) Butylbenzylphthalate	20.38	149	723568	21.17 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.16	252	462683	20.98 ng/ul	98
80) Benzo(a)anthracene	21.23	228	1444386	19.74 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	954451	20.82 ng/ul	100
82) Chrysene	21.28	228	1325997	19.85 ng/ul	98
84) Di-n-octyl phthalate	22.03	149	1625301	23.68 ng/ul	97
85) Benzo(b)fluoranthene	22.79	252	1387749	20.28 ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1378149	21.65 ng/ul	98
88) Benzo(a)pyrene	23.36	252	1346351	20.33 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	1527770	20.17 ng/ul	98
90) Dibenzo(a,h)anthracene	25.68	278	1266000	20.27 ng/ul	98
91) Benzo(g,h,i)perylene	26.35	276	1322365	20.24 ng/ul	97

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

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Manual Integrations APPROVED
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7/5/2016 1:14:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	276006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1251139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	698375	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1453387	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1192708	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1155613	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	49416	7.65	ng/uL	0.00
5) Phenol-d5	6.82	99	507123	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	313635	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	378074	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	401144	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	194490	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	211726	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	385494	18.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	501886	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1094711	18.78	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1420894	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	196514	17.79	ng/ul	0.00
57) Fluorene-d10	15.29	176	933357	18.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	152152	17.87	ng/ul	0.00
70) Anthracene-d10	17.15	188	1345168	19.40	ng/ul	0.00
76) Pyrene-d10	19.44	212	1299461	22.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1075894	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	54848	7.76	ng/uL#	31
4) Benzaldehyde	6.79	77	343981	23.01	ng/ul	98
6) Phenol	6.85	94	533079	19.85	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.08	93	412844	20.81	ng/ul	99
10) 2-Chlorophenol	7.21	128	393925	19.24	ng/ul	99
11) 2-Methylphenol	8.09	108	407031	19.78	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	602412	20.33	ng/ul	97
14) Acetophenone	8.46	105	637208	19.99	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	345628	18.98	ng/ul	97
16) 4-Methylphenol	8.42	108	440820	19.74	ng/ul	99
17) Hexachloroethane	8.71	117	161069	19.21	ng/ul	96
20) Nitrobenzene	8.84	77	503816	19.43	ng/ul	98
21) Isophorone	9.36	82	950792	19.24	ng/ul	99
23) 2-Nitrophenol	9.55	139	228792	18.80	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	486798	18.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	590641	20.00	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	384610	18.98	ng/ul	98
28) Naphthalene	10.47	128	1256978	19.53	ng/ul	98
30) 4-Chloroaniline	10.59	127	523378	23.67	ng/ul	96
31) Hexachlorobutadiene	10.76	225	232754	18.38	ng/ul	98
32) Caprolactam	11.35	113	136934m	17.06	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	451622	18.26	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	929966	19.04	ng/ul	99

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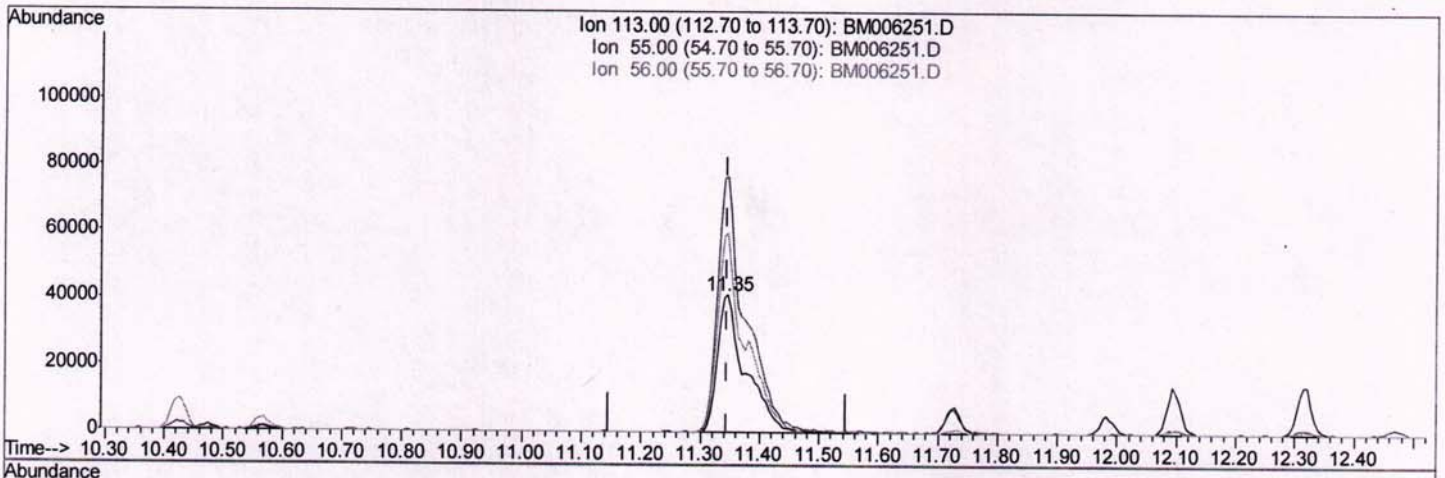

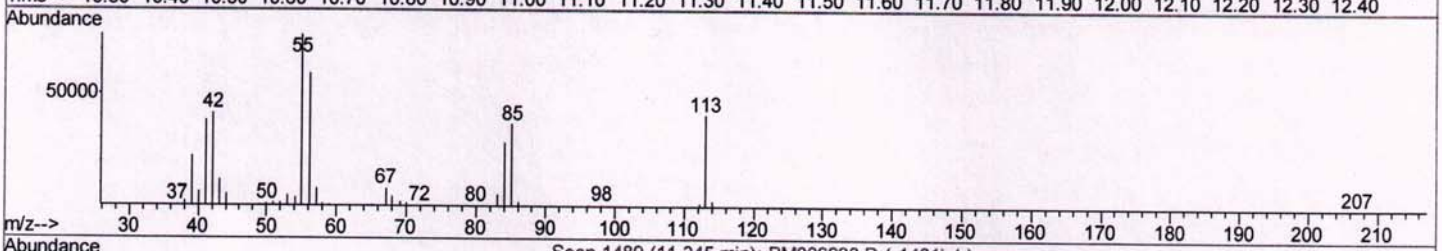

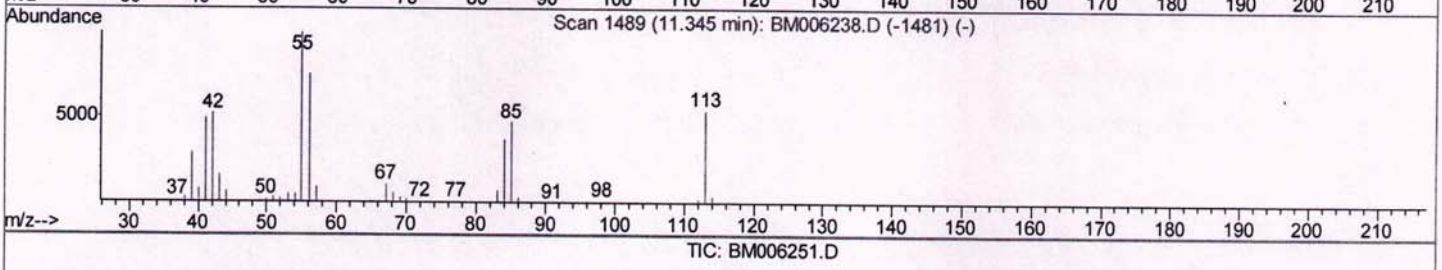

TIC: BM006251.D

(32) Caprolactam

11.345min (+0.000) 17.06ng/ul m

response 136934

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	186.69
56.00	150.60	144.73
0.00	0.00	0.00

UM 07/04/16

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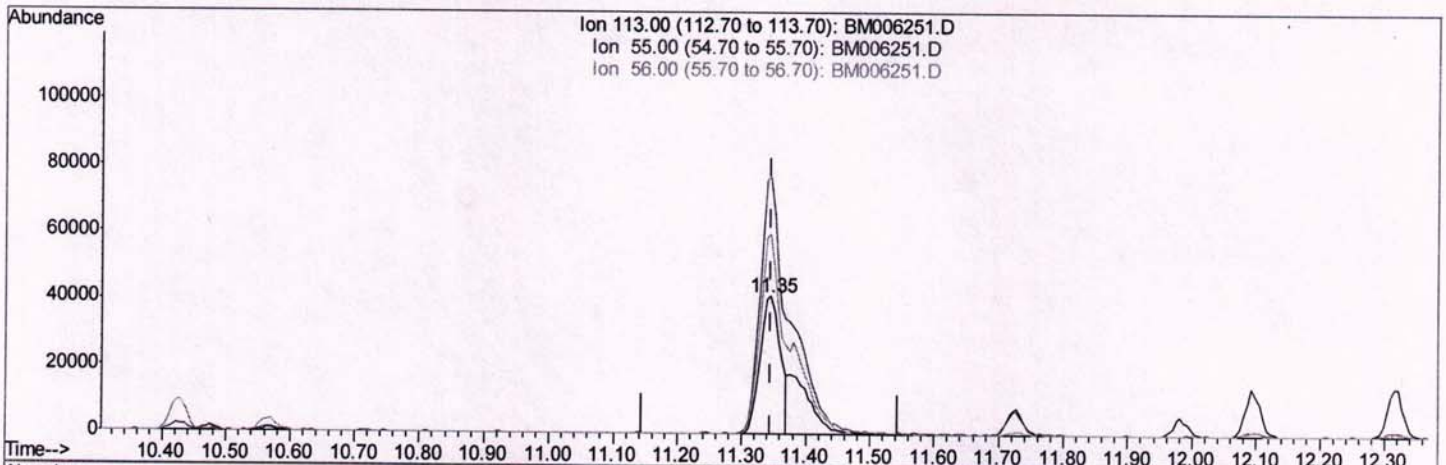

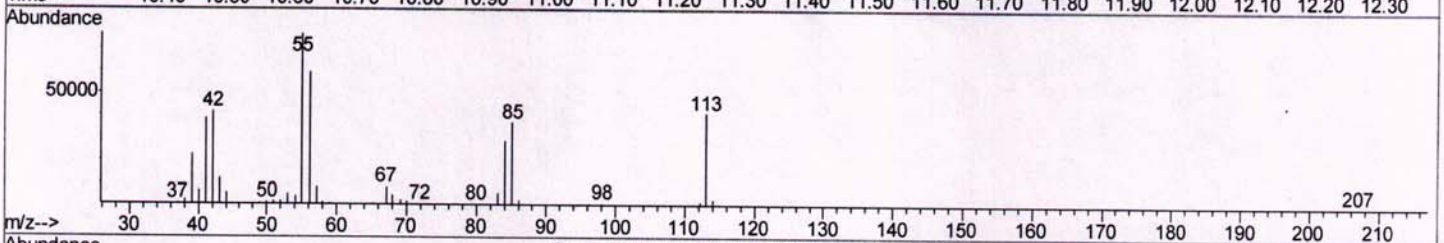

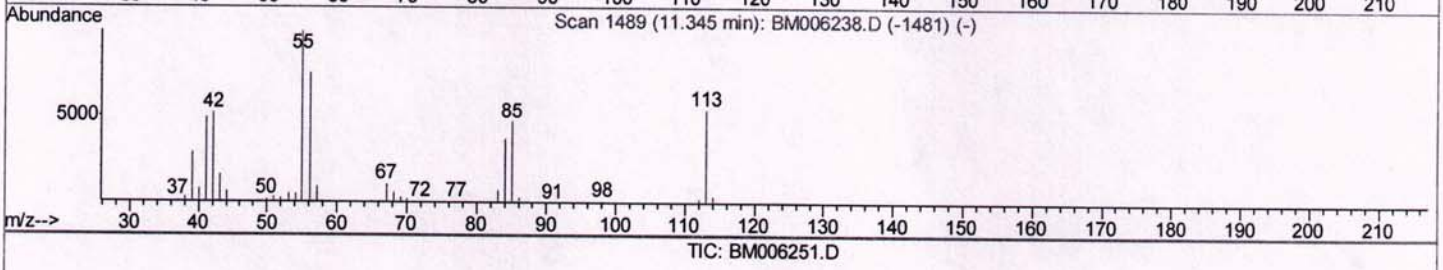

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(32) Caprolactam

11.345min (+0.000) 11.47ng/ul

response 92066

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	186.69
56.00	150.60	144.73
0.00	0.00	0.00