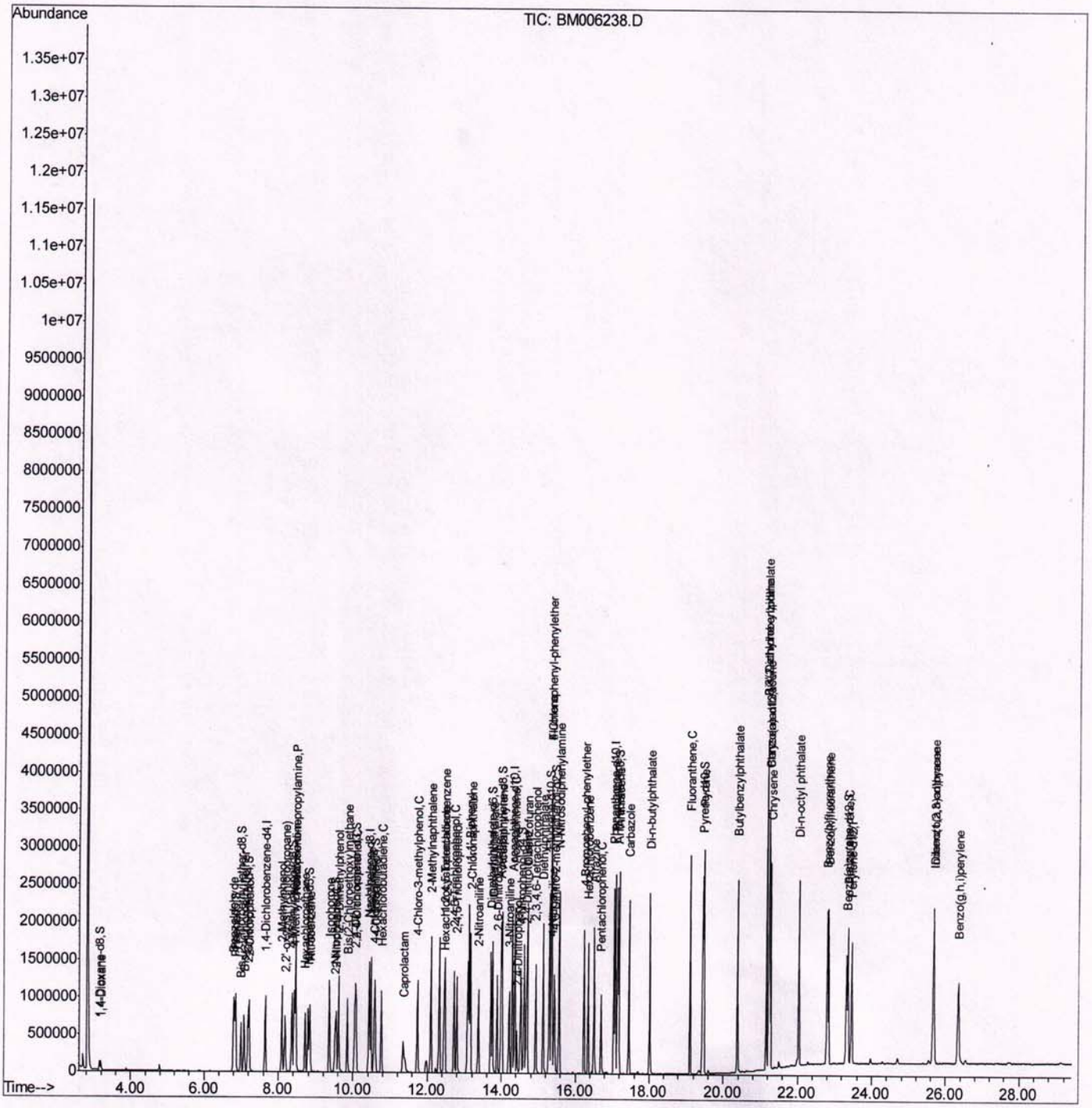
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070316\
Data File : BM006238.D
Acq On : 03 Jul 2016 17:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 04:57:51 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 :
SSTD02035

Manual Integrations APPROVED
Sohil
7/5/2016 1:14:15 PM



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	454426	19.85	ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	234267	18.00	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	313598	19.39	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	325190	19.25	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	1180229	20.79	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	908993	20.54	ng/ul	100
42) 2-Nitroaniline	13.37	65	326082	19.31	ng/ul	97
44) Dimethylphthalate	13.76	163	1105345	19.14	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	239046	19.10	ng/ul	99
47) Acenaphthylene	14.02	152	1481828	19.84	ng/ul	100
48) 3-Nitroaniline	14.21	138	253063	22.13	ng/ul	98
49) Acenaphthene	14.36	153	932867	19.67	ng/ul	97
50) 2,4-Dinitrophenol	14.42	184	107815	15.47	ng/ul	95
52) 4-Nitrophenol	14.53	109	184030	16.81	ng/ul	93
53) Dibenzofuran	14.70	168	1338990	19.78	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	330674	18.70	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.93	232	275908	18.11	ng/ul	98
56) Diethylphthalate	15.13	149	1140654	18.92	ng/ul	98
58) Fluorene	15.35	166	1022265	18.83	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.34	204	499988	18.76	ng/ul	98
60) 4-Nitroaniline	15.37	138	265019	19.65	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	176336	18.98	ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	929452	20.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	331366	20.05	ng/ul	98
66) Hexachlorobenzene	16.35	284	356688	19.55	ng/ul	97
67) Atrazine	16.52	200	326474	19.82	ng/ul	100
68) Pentachlorophenol	16.70	266	176341	18.19	ng/ul	97
69) Phenanthrene	17.09	178	1620027	19.68	ng/ul	99
71) Anthracene	17.18	178	1657768	19.49	ng/ul	100
72) Carbazole	17.45	167	1447781	20.31	ng/ul	100
73) Di-n-butylphthalate	18.02	149	1846628	18.85	ng/ul	99
74) Fluoranthene	19.11	202	1749864	19.10	ng/ul	98
77) Pyrene	19.47	202	1778273	22.96	ng/ul	98
78) Butylbenzylphthalate	20.38	149	737813	20.85	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.16	252	485896	21.28	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1491585	19.69	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	974895	20.54	ng/ul	99
82) Chrysene	21.28	228	1364611	19.73	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	1649283	24.32	ng/ul	98
85) Benzo(b)fluoranthene	22.79	252	1386177	20.50	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1372743	21.82	ng/ul	98
88) Benzo(a)pyrene	23.36	252	1341181	20.50	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	1493996	19.96	ng/ul	98
90) Dibenzo(a,h)anthracene	25.69	278	1246024	20.19	ng/ul	98
91) Benzo(g,h,i)perylene	26.35	276	1291022	19.99	ng/ul	97

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

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LabSampleId : SSTD02035

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7/5/2016 1:14:15 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	265454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1208076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	688449	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1475984	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1235137	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	1141836	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	48950	7.88	ng/uL	0.00
5) Phenol-d5	6.82	99	493295	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	302980	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	367630	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	393031	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	188171	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	207820	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	377013	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	493545	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1101396	19.17	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1409934	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	200547	18.42	ng/ul	0.00
57) Fluorene-d10	15.29	176	942119	19.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	160584	18.57	ng/ul	0.00
70) Anthracene-d10	17.14	188	1372429	19.49	ng/ul	0.00
76) Pyrene-d10	19.44	212	1353659	22.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	1062211	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	53493	7.87	ng/uL#	33
4) Benzaldehyde	6.79	77	328277	22.83	ng/ul	98
6) Phenol	6.85	94	512806	19.85	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	403038	21.12	ng/ul	99
10) 2-Chlorophenol	7.21	128	380486	19.32	ng/ul	99
11) 2-Methylphenol	8.09	108	395997	20.01	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	577954	20.28	ng/ul	99
14) Acetophenone	8.46	105	614474	20.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	339017	19.36	ng/ul	98
16) 4-Methylphenol	8.42	108	428420	19.95	ng/ul	98
17) Hexachloroethane	8.71	117	156692	19.43	ng/ul	97
20) Nitrobenzene	8.84	77	484394	19.35	ng/ul	99
21) Isophorone	9.36	82	932393	19.54	ng/ul	99
23) 2-Nitrophenol	9.55	139	224981	19.14	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	476797	19.19	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	572833	20.09	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	375609	19.20	ng/ul	97
28) Naphthalene	10.47	128	1219757	19.62	ng/ul	98
30) 4-Chloroaniline	10.59	127	510796	23.92	ng/ul	99
31) Hexachlorobutadiene	10.76	225	226988	18.56	ng/ul	99
32) Caprolactam	11.35	113	137039m	17.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	446418	18.70	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	906622	19.22	ng/ul	98

UM 07/04/16

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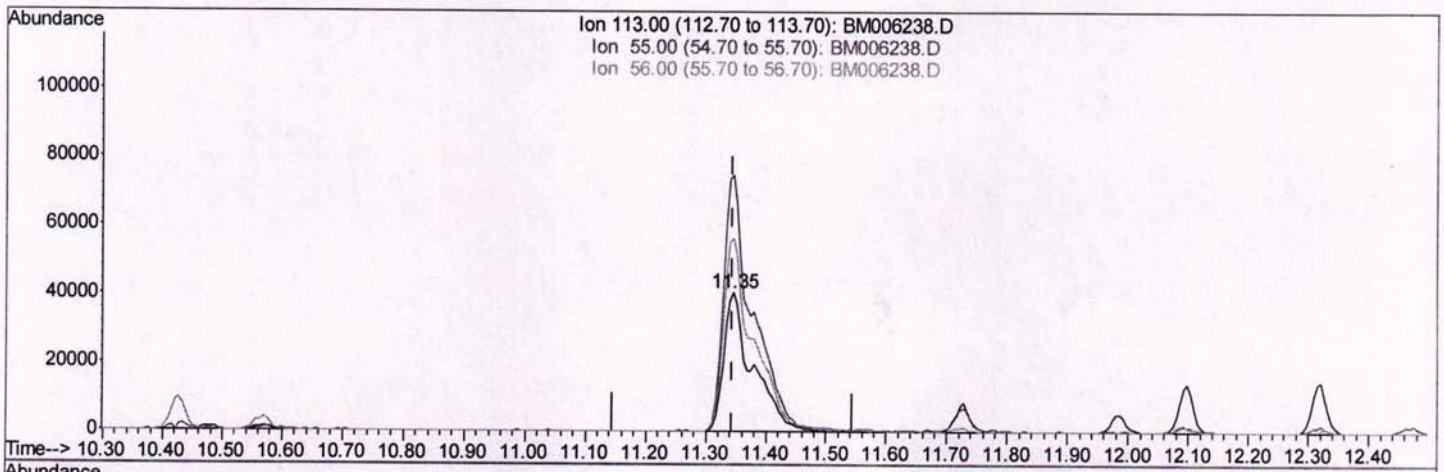

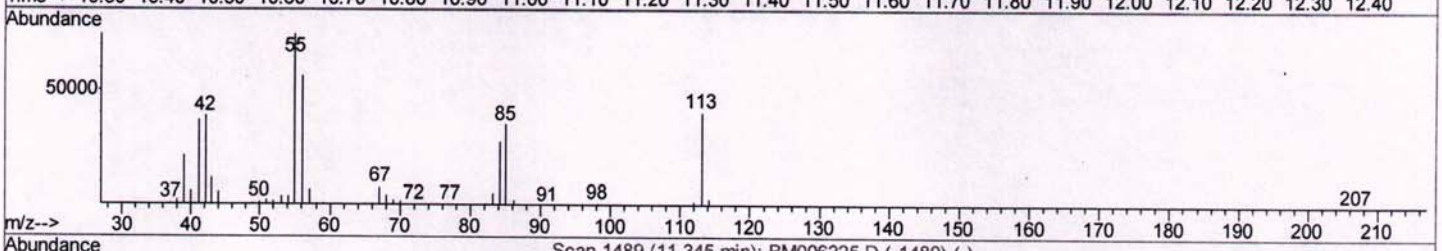

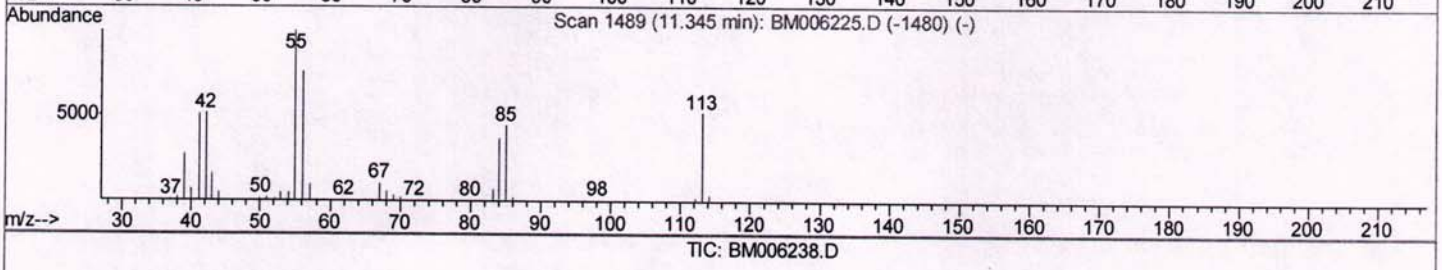

TIC: BM006238.D

(32) Caprolactam

11.345min (0.000) 17.68ng/ul m

response 137039

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	183.40
56.00	150.60	138.05
0.00	0.00	0.00

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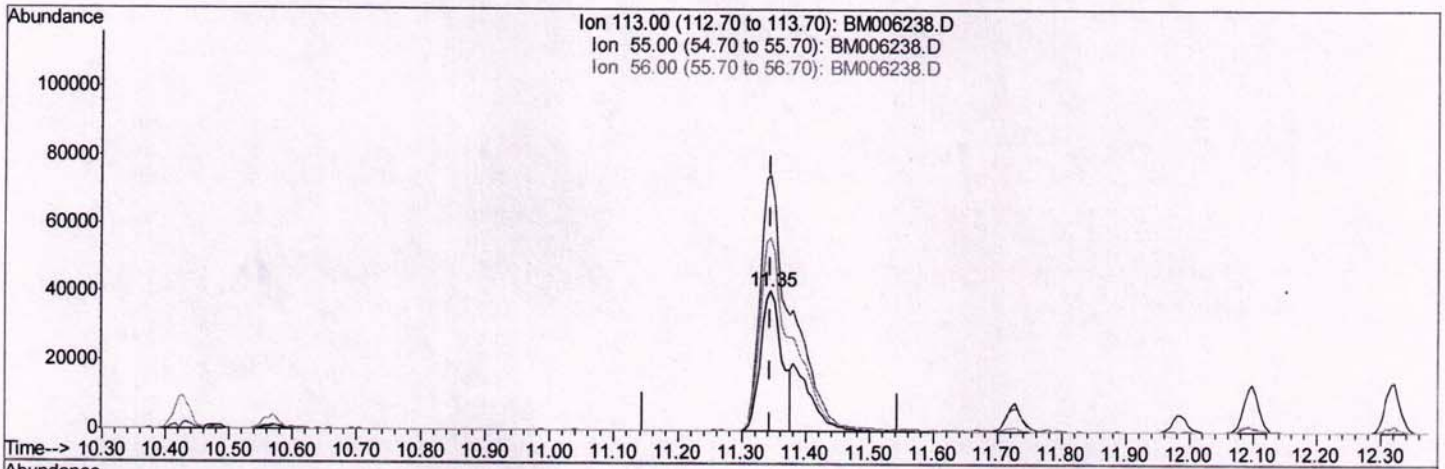

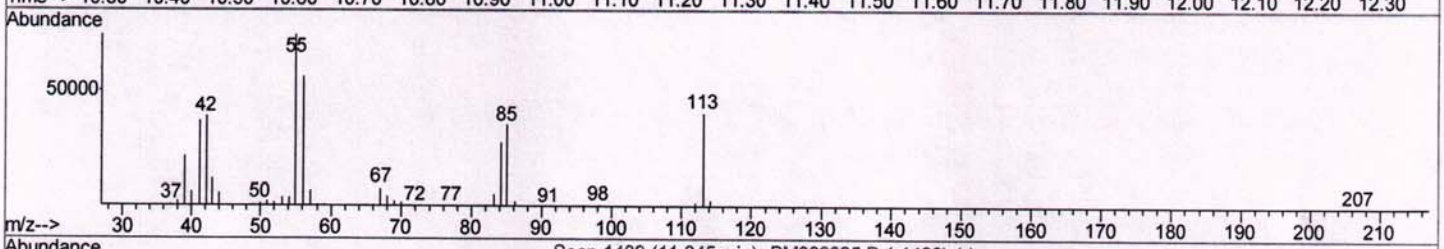

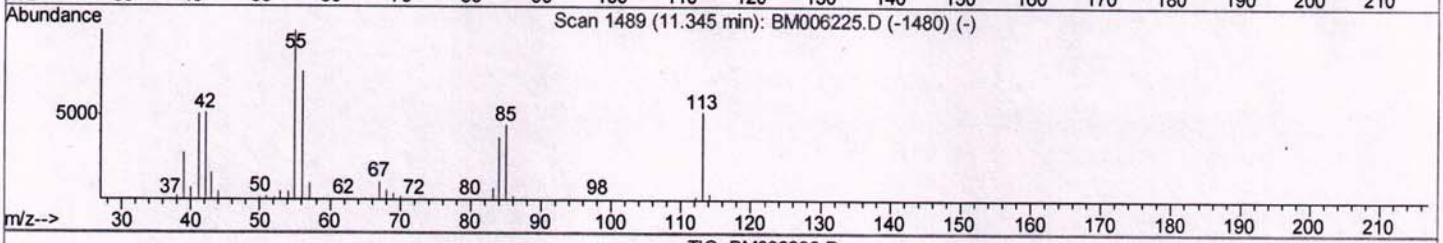

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(32) Caprolactam

11.345min (0.000) 12.18ng/ul

response 94361

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	183.40
56.00	150.60	138.05
0.00	0.00	0.00