Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006369.D
Acq On : 09 Jul 2016 02:31
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 04:28:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 03:50:07 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BDJ16

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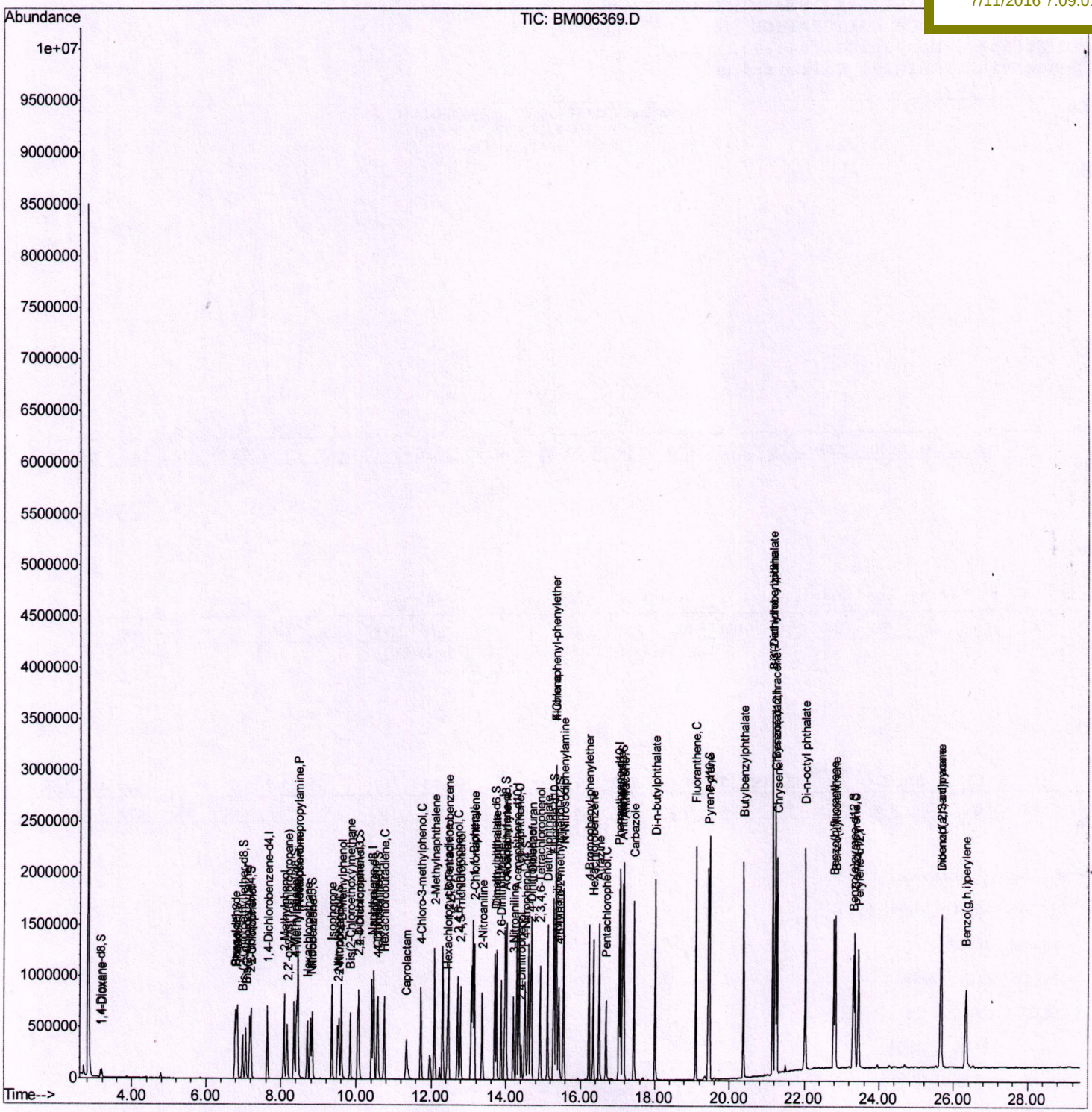

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	337433	20.91 ng/ul	100
37) Hexachlorocyclopentadiene	12.44	237	130420	14.22 ng/ul	96
38) 2,4,6-Trichlorophenol	12.71	196	231839	20.33 ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	242377	20.36 ng/ul	99
40) 1,1'-Biphenyl	13.12	154	825743	20.63 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	650294	20.85 ng/ul	99
42) 2-Nitroaniline	13.37	65	229330	19.27 ng/ul	98
44) Dimethylphthalate	13.75	163	805160	19.78 ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	172252	19.52 ng/ul	100
47) Acenaphthylene	14.01	152	1059297	20.12 ng/ul	100
48) 3-Nitroaniline	14.20	138	175198	21.74 ng/ul	95
49) Acenaphthene	14.35	153	668573	19.99 ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	65138	13.26 ng/ul	99
52) 4-Nitrophenol	14.52	109	137748	17.85 ng/ul	93
53) Dibenzofuran	14.69	168	978028	20.49 ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	247825	19.88 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	212881	19.83 ng/ul	99
56) Diethylphthalate	15.12	149	844615	19.88 ng/ul	99
58) Fluorene	15.34	166	760606	19.88 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	382074	20.34 ng/ul	97
60) 4-Nitroaniline	15.37	138	191455	20.14 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.43	198	120617	17.19 ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	692211	20.55 ng/ul	100
65) 4-Bromophenyl-phenylether	16.23	248	262845	21.06 ng/ul	98
66) Hexachlorobenzene	16.34	284	284722	20.67 ng/ul	98
67) Atrazine	16.51	200	262013	21.06 ng/ul	98
68) Pentachlorophenol	16.69	266	131423	17.95 ng/ul	96
69) Phenanthrene	17.08	178	1254874	20.18 ng/ul	99
71) Anthracene	17.17	178	1281834	19.96 ng/ul	99
72) Carbazole	17.44	167	1110055	20.62 ng/ul	99
73) Di-n-butylphthalate	18.01	149	1464504	19.80 ng/ul	100
74) Fluoranthene	19.10	202	1395873	20.17 ng/ul	97
77) Pyrene	19.47	202	1393340	24.44 ng/ul	96
78) Butylbenzylphthalate	20.37	149	621966	23.87 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.16	252	356921	21.23 ng/ul	99
80) Benzo(a)anthracene	21.22	228	1142964	20.49 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.15	149	852974	24.41 ng/ul	100
82) Chrysene	21.27	228	1060549	20.83 ng/ul	99
84) Di-n-octyl phthalate	22.02	149	1407612	28.18 ng/ul	99
85) Benzo(b)fluoranthene	22.78	252	1068113	21.45 ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	1010410	21.81 ng/ul	100
88) Benzo(a)pyrene	23.35	252	998016	20.71 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.66	276	1108587	20.11 ng/ul	98
90) Dibenzo(a,h)anthracene	25.67	278	928321	20.42 ng/ul	98
91) Benzo(g,h,i)perylene	26.34	276	953397	20.05 ng/ul	99

(#) = 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	7.64	152	174608	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	798039	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	485321	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.04	188	1114635	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	909241	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	841008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	29824	7.30	ng/uL	0.00
5) Phenol-d5	6.82	99	320498	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	193676	20.08	ng/ul	0.01
9) 2-Chlorophenol-d4	7.17	132	246682	19.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.35	113	261241	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	124596	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	141503	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	263324	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	314439	23.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	803232	19.83	ng/ul	0.01
46) Acenaphthylene-d8	13.98	160	1007412	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	130979	17.06	ng/ul	0.00
57) Fluorene-d10	15.29	176	701405	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	111035	17.00	ng/ul	0.01
70) Anthracene-d10	17.14	188	1060568	19.94	ng/ul	0.00
76) Pyrene-d10	19.44	212	1074388	24.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	805989	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	33258	7.44	ng/uL#	20
4) Benzaldehyde	6.79	77	215131	22.74	ng/ul	99
6) Phenol	6.85	94	336369	19.80	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	250611	19.97	ng/ul	97
10) 2-Chlorophenol	7.20	128	254240	19.63	ng/ul	96
11) 2-Methylphenol	8.09	108	259485	19.94	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	397817	21.22	ng/ul	99
14) Acetophenone	8.46	105	413156	20.49	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	218853	19.00	ng/ul	95
16) 4-Methylphenol	8.41	108	284853	20.16	ng/ul	99
17) Hexachloroethane	8.70	117	102933	19.41	ng/ul	90
20) Nitrobenzene	8.83	77	323256	19.54	ng/ul	99
21) Isophorone	9.35	82	602381	19.11	ng/ul	99
23) 2-Nitrophenol	9.54	139	150798	19.42	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	328991	20.05	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	363966	19.33	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	266389	20.61	ng/ul	99
28) Naphthalene	10.47	128	817093	19.90	ng/ul	99
30) 4-Chloroaniline	10.59	127	327971	23.25	ng/ul	96
31) Hexachlorobutadiene	10.75	225	167079	20.68	ng/ul	97
32) Caprolactam	11.34	113	92094m	17.99	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	313909	19.90	ng/ul	97
34) 2-Methylnaphthalene	12.09	142	630356	20.23	ng/ul	99

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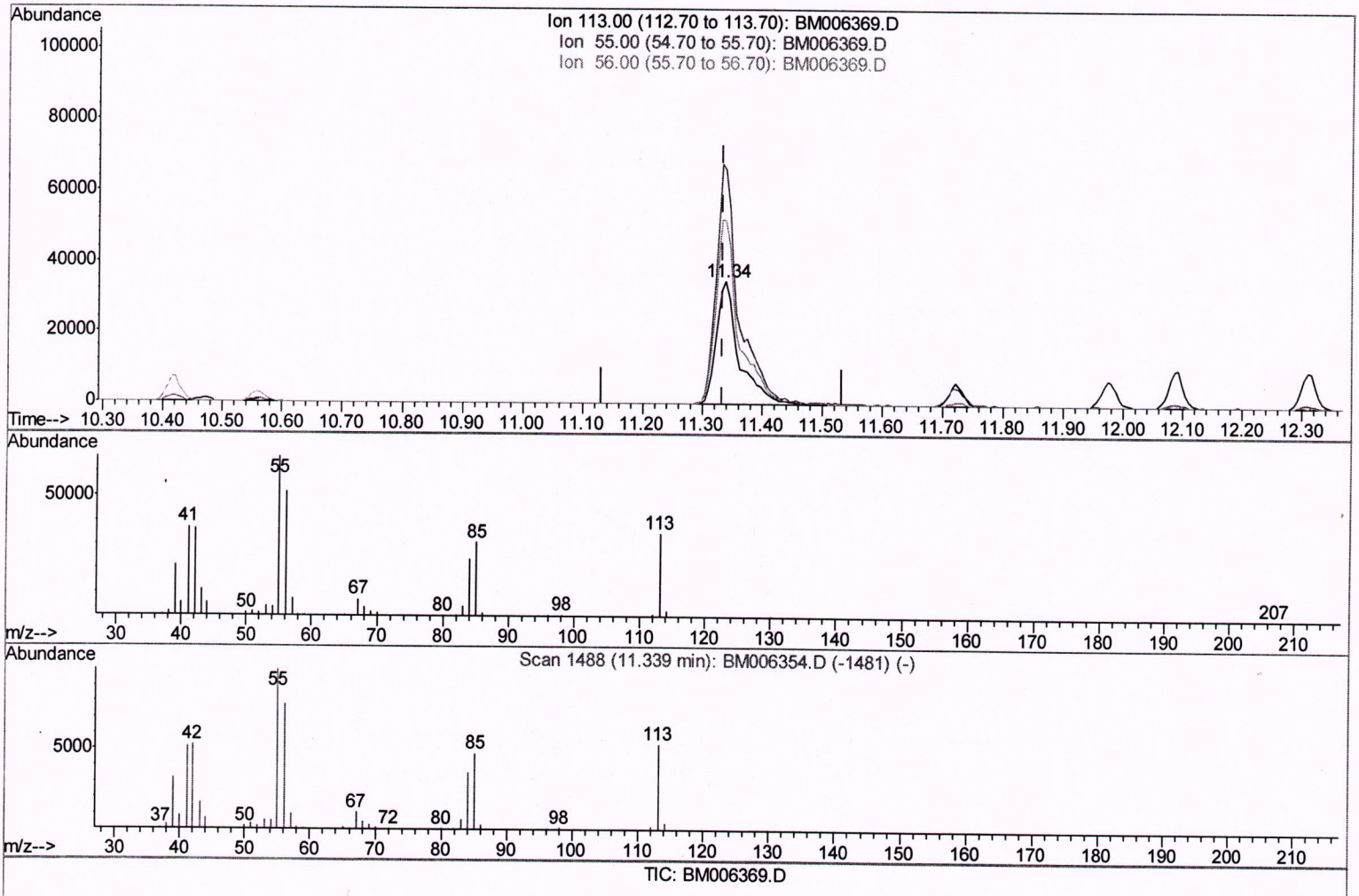

(32) Caprolactam

11.339min (+0.006) 17.99ng/ul m

response 92094

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	190.51
56.00	150.60	148.65
0.00	0.00	0.00

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07/11/16

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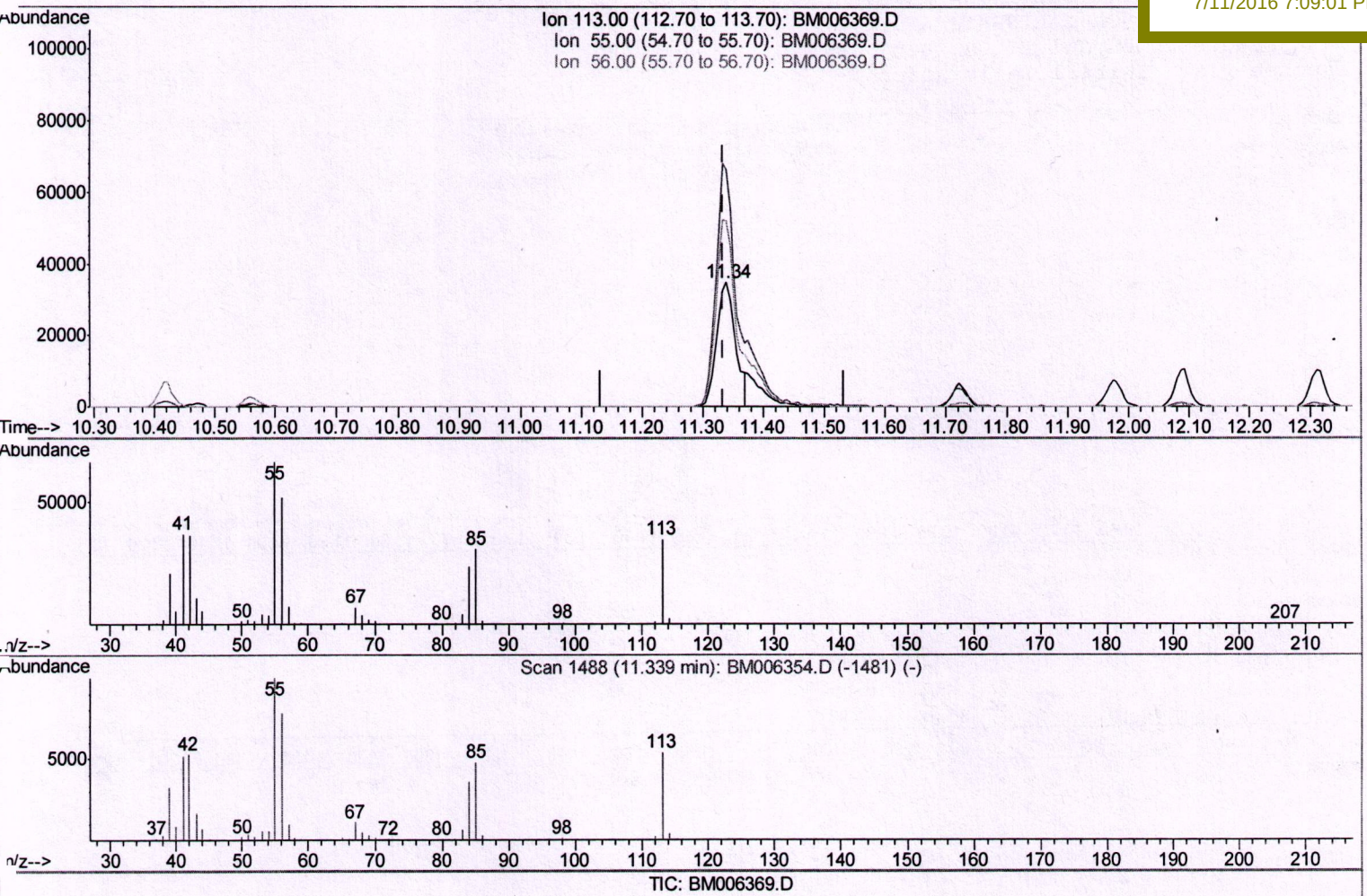

(32) Caprolactam

11.339min (+0.006) 14.50ng/ul

response 74226

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	190.51
56.00	150.60	148.65
0.00	0.00	0.00