Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000308.D
Acq On : 23 Jan 2015 23:07
Operator : TP/IZ
Sample : SSTD02099
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 03:48:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 24 03:06:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
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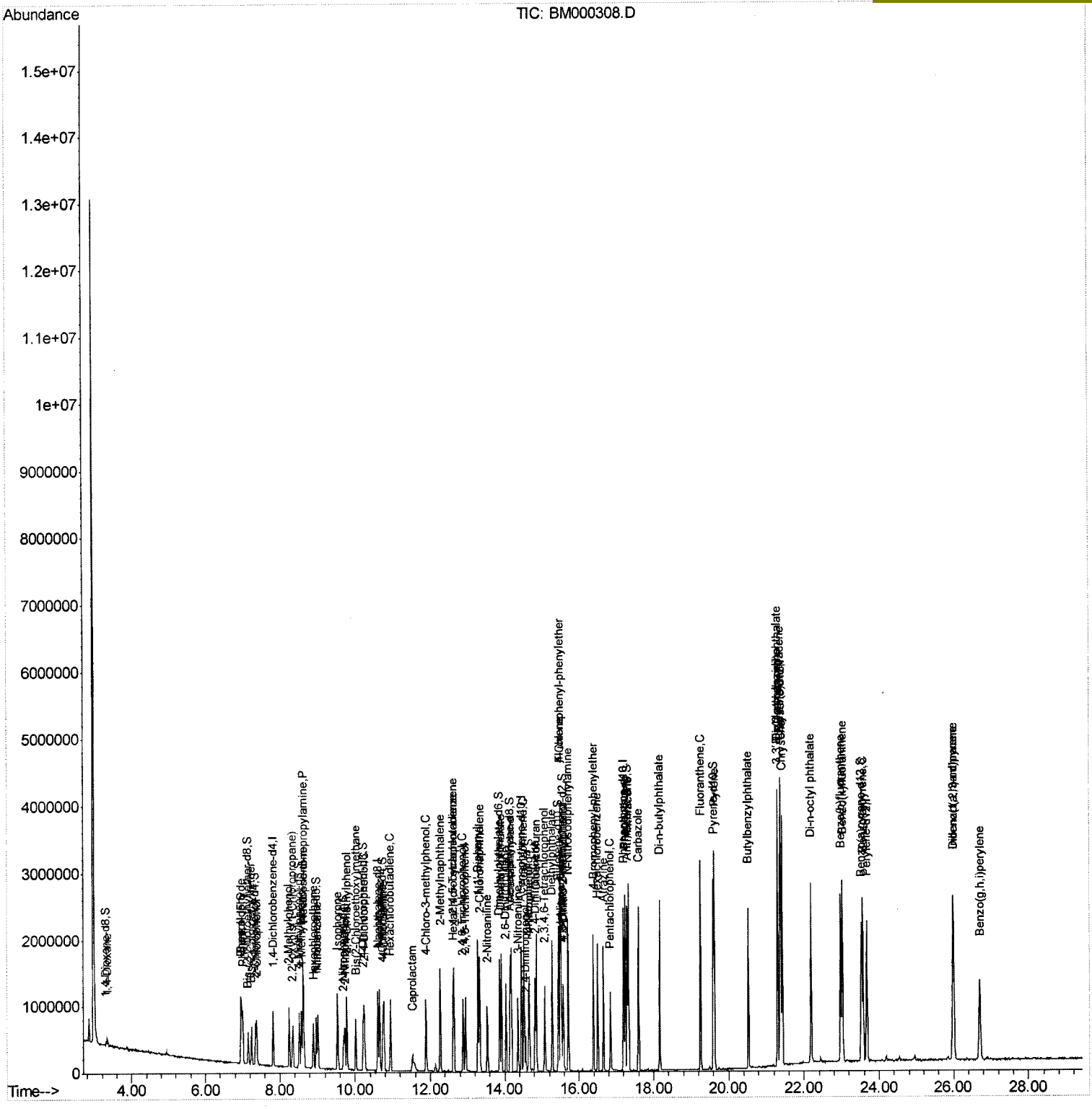

ata Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
ata File : BM000308.D
cq On : 23 Jan 2015 23:07
perator : TP/IZ
ample : SSTD02099
isc :
LS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
uant Title : SVOA CALIBRATION
Last Update : Sat Jan 24 03:06:21 2015
esponse via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	356672	20.75	ng/ul	100
37) Hexachlorocyclopentadiene	12.62	237	227667	19.97	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	209602	19.46	ng/ul	100
39) 2,4,5-Trichlorophenol	12.95	196	231327	19.79	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	891515	20.17	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	680494	20.04	ng/ul	100
42) 2-Nitroaniline	13.53	65	238279	21.39	ng/ul	100
44) Dimethylphthalate	13.90	163	904345	20.06	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	172375	21.23	ng/ul	100
47) Acenaphthylene	14.17	152	1151521	20.18	ng/ul	100
48) 3-Nitroaniline	14.36	138	175369	21.34	ng/ul	100
49) Acenaphthene	14.52	153	744375	20.36	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	84017	19.90	ng/ul	100
52) 4-Nitrophenol	14.66	109	237155	23.30	ng/ul	100
53) Dibenzofuran	14.85	168	1103026	20.74	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	269755	21.95	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	197729	19.75	ng/ul	100
56) Diethylphthalate	15.27	149	977338	20.56	ng/ul	100
58) Fluorene	15.50	166	909431	20.65	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	458139	20.95	ng/ul	100
60) 4-Nitroaniline	15.52	138	196170	20.97	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.58	198	140253	20.19	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	762358	19.76	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	289261	20.96	ng/ul	100
66) Hexachlorobenzene	16.50	284	339194	21.27	ng/ul	100
67) Atrazine	16.66	200	279390	18.66	ng/ul	100
68) Pentachlorophenol	16.84	266	165393	17.62	ng/ul	100
69) Phenanthrene	17.24	178	1511247	20.82	ng/ul	100
71) Anthracene	17.33	178	1541754	20.64	ng/ul	100
72) Carbazole	17.60	167	1346775	20.21	ng/ul	100
73) Di-n-butylphthalate	18.16	149	1536734	19.57	ng/ul	100
74) Fluoranthene	19.25	202	1808945	21.67	ng/ul	100
77) Pyrene	19.62	202	1910874	19.90	ng/ul	100
78) Butylbenzylphthalate	20.52	149	555529	15.14	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.30	252	483020	17.44	ng/ul	100
80) Benzo(a)anthracene	21.37	228	1877268	20.23	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	881809	16.37	ng/ul	100
82) Chrysene	21.42	228	1765961	20.72	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	1583731	15.88	ng/ul	100
85) Benzo(b)fluoranthene	22.98	252	1823613	19.18	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	1842355	21.75	ng/ul	100
88) Benzo(a)pyrene	23.57	252	1752004	20.57	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	1890857	20.95	ng/ul	100
90) Dibenzo(a,h)anthracene	26.00	278	1582835	20.88	ng/ul	100
91) Benzo(g,h,i)perylene	26.70	276	1545968	20.84	ng/ul	100

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

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LS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Manual Integrations APPROVED
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uant Time: Jan 24 03:48:24 2015
uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
uant Title : SVOA CALIBRATION
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esponse via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	173617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	792252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	608984	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1322168	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1582080	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1506508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	31039	9.76	ng/uL	0.00
5) Phenol-d5	6.97	99	300580	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	204416	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	215855	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	236380	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	122954	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	110530	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	250658	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	323603	22.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	895691	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1092373	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	144033	19.77	ng/ul	0.00
57) Fluorene-d10	15.44	176	799670	20.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	135353	19.91	ng/ul	0.00
70) Anthracene-d10	17.29	188	1286549	20.72	ng/ul	0.00
76) Pyrene-d10	19.59	212	1437460	19.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1405393	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	41524	9.46	ng/uL	100
4) Benzaldehyde	6.96	77	248771	25.56	ng/ul	100
6) Phenol	7.00	94	316212	20.00	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.24	93	253987	20.82	ng/ul	100
10) 2-Chlorophenol	7.38	128	222317	19.71	ng/ul	100
11) 2-Methylphenol	8.25	108	233514	19.27	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	468957	23.20	ng/ul	100
14) Acetophenone	8.63	105	460751	22.02	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	242879	22.14	ng/ul	100
16) 4-Methylphenol	8.58	108	262367	19.90	ng/ul	100
17) Hexachloroethane	8.89	117	117947	22.11	ng/ul	100
20) Nitrobenzene	9.01	77	398178	23.23	ng/ul	100
21) Isophorone	9.53	82	688226	21.33	ng/ul	100
23) 2-Nitrophenol	9.72	139	128341	20.64	ng/ul	100
24) 2,4-Dimethylphenol	9.77	107	347850	20.51	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	364245	20.49	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	250639	20.19	ng/ul	100
28) Naphthalene	10.66	128	819525	20.09	ng/ul	100
30) 4-Chloroaniline	10.76	127	342691	23.33	ng/ul	100
31) Hexachlorobutadiene	10.94	225	194095	21.58	ng/ul	100
32) Caprolactam	11.52	113	73045m	18.04	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	317225	20.65	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	636868	20.89	ng/ul	100

TP 01/30/15

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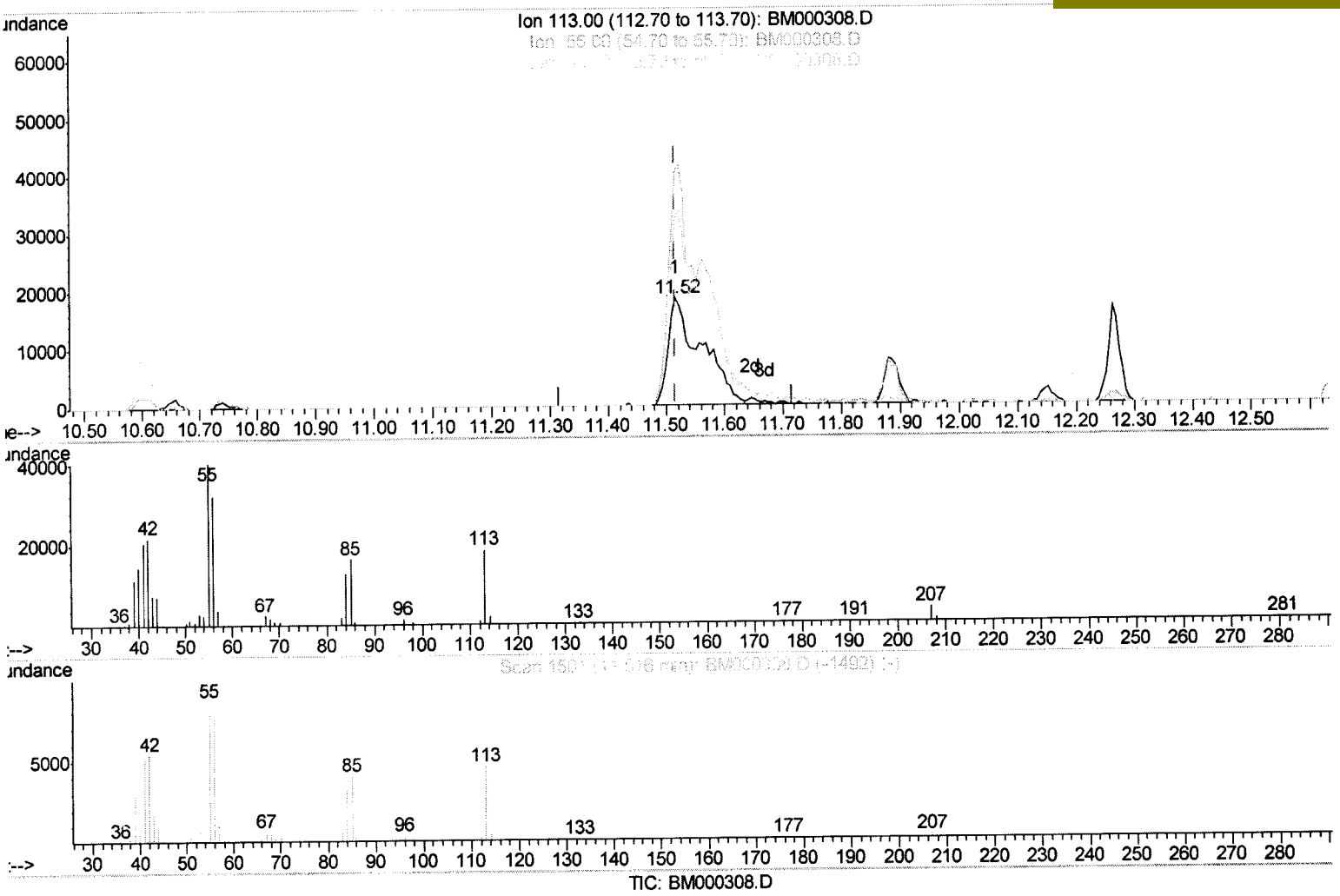

(32) Caprolactam

11.516min (0.000) 18.04ng/ul m

response 73045

TP
01/30/15

Ion	Exp%	Act%
113.00	100	100
55.00	218.80	218.76
56.00	174.80	174.80
0.00	0.00	0.00

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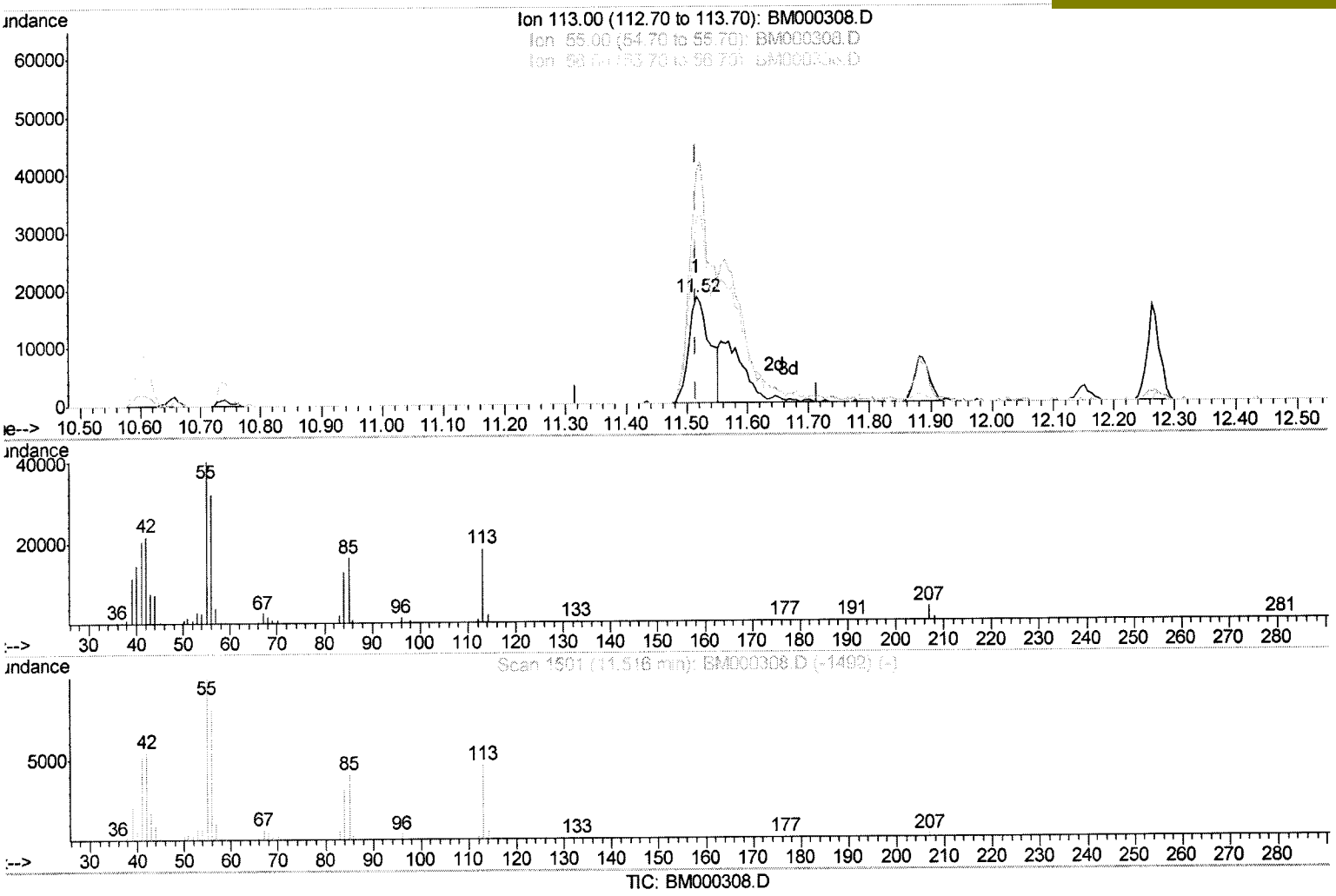

(32) Caprolactam

11.516min (0.000) 11.05ng/ul

response 44758

Ion	Exp%	Act%
113.00	100	100
55.00	218.80	218.76
56.00	174.80	174.80
0.00	0.00	0.00