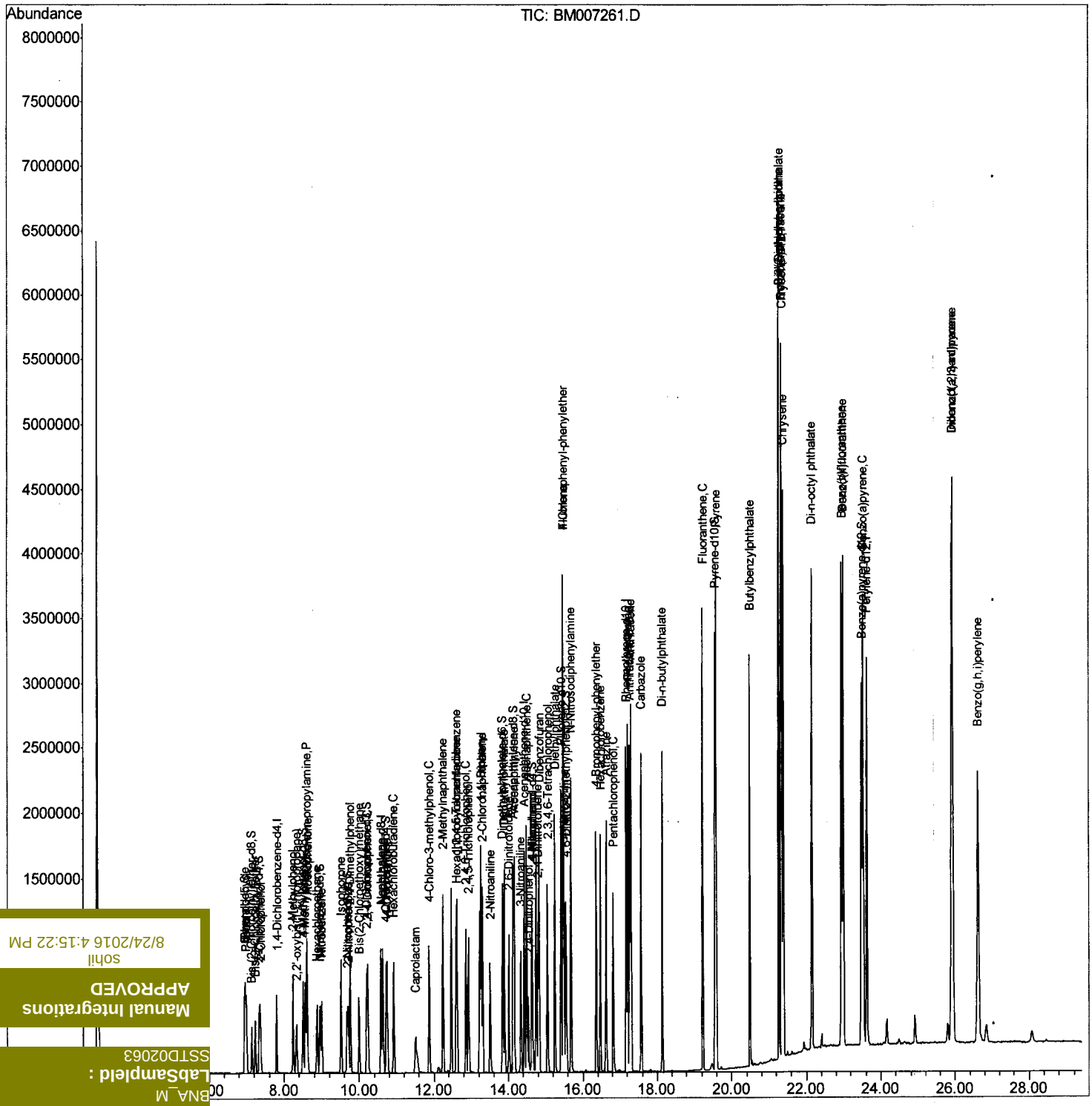
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007261.D
Acq On : 23 Aug 2016 20:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 05:55:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration



Manual Integrations APPROVED
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LabSampleId : SSTD02063
Instrument : BNA_M

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	374874	20.25 ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	223277	19.99 ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	261851	20.00 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	274760	20.13 ng/ul	98
40) 1,1'-Biphenyl	13.26	154	882231	20.46 ng/ul	97
41) 2-Chloronaphthalene	13.30	162	694515	20.55 ng/ul	99
42) 2-Nitroaniline	13.52	65	228848	20.73 ng/ul	99
44) Dimethylphthalate	13.89	163	978279	20.48 ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	206216	21.12 ng/ul	92
47) Acenaphthylene	14.16	152	1176047	20.56 ng/ul	99
48) 3-Nitroaniline	14.34	138	213946	21.47 ng/ul	98
49) Acenaphthene	14.50	153	758014	20.37 ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	126803	19.15 ng/ul#	85
52) 4-Nitrophenol	14.65	109	204775	21.26 ng/ul	84
53) Dibenzofuran	14.83	168	1137098	20.41 ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	313659	20.96 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	287796	20.55 ng/ul#	97
56) Diethylphthalate	15.26	149	1017999	20.43 ng/ul	99
58) Fluorene	15.48	166	949623	20.70 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	495511	20.66 ng/ul	94
60) 4-Nitroaniline	15.50	138	244695	21.64 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	202962	20.52 ng/ul	100
64) N-Nitrosodiphenylamine	15.69	169	854719	20.78 ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	344886	20.73 ng/ul	97
66) Hexachlorobenzene	16.49	284	383857	20.61 ng/ul	98
67) Atrazine	16.64	200	368054	21.19 ng/ul	98
68) Pentachlorophenol	16.83	266	239426	19.92 ng/ul	98
69) Phenanthrene	17.22	178	1632829	20.64 ng/ul	100
71) Anthracene	17.31	178	1698801	20.80 ng/ul	100
72) Carbazole	17.58	167	1525146	21.49 ng/ul	100
73) Di-n-butylphthalate	18.14	149	1829747	20.49 ng/ul	99
74) Fluoranthene	19.23	202	2174450	21.90 ng/ul	98
77) Pyrene	19.60	202	2297862	20.87 ng/ul	97
78) Butylbenzylphthalate	20.50	149	931564	20.34 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	926284	22.74 ng/ul	98
80) Benzo(a)anthracene	21.34	228	2510829	20.76 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	1360565	20.48 ng/ul	99
	21.40	228	2286515	20.87 ng/ul	99
hthalate	22.16	149	2462995	21.54 ng/ul	100
ranthene	22.94	252	2817980	20.76 ng/ul	99
ranthene	22.99	252	2665723	21.25 ng/ul	100
ne	23.53	252	2713812	20.89 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	3339581	20.95 ng/ul	99
anthracene	25.94	278	2777861	20.95 ng/ul	99
perylene	26.63	276	2822925	20.86 ng/ul	98

(#) = 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	7.80	152	154458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	758294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	555923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1473459	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2052005	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2295669	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	24620	8.15	ng/uL	0.00
5) Phenol-d5	6.97	99	282644	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	154996	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	219105	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	253173	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	115181	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	132684	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	267457	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	350216	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	969831	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1122767	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	182771	20.19	ng/ul	0.00
57) Fluorene-d10	15.43	176	844026	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	190046	20.51	ng/ul	0.00
70) Anthracene-d10	17.27	188	1422880	20.67	ng/ul	0.00
76) Pyrene-d10	19.57	212	1752314	20.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2152348	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	24885	7.38	ng/uL	95
4) Benzaldehyde	6.95	77	193002	23.22	ng/ul	98
6) Phenol	6.99	94	299441	19.79	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	214140	20.31	ng/ul	99
10) 2-Chlorophenol	7.37	128	221188	20.03	ng/ul	99
11) 2-Methylphenol	8.24	108	231047	19.53	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	239952	20.22	ng/ul	97
14) Acetophenone	8.62	105	401638	20.58	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	206652	19.92	ng/ul	98
16) 4-Methylphenol	8.56	108	264228	19.91	ng/ul	93
17) Hexachloroethane	8.87	117	87929	20.47	ng/ul	99
20) Nitrobenzene	9.00	77	298249	20.86	ng/ul	99
21) Isophorone	9.52	82	598531	20.55	ng/ul	99
23) 2-Nitrophenol	9.70	139	145123	20.54	ng/ul	94
phenol	9.76	107	320456	20.56	ng/ul	98
ethoxy)methane	10.00	93	332593	20.26	ng/ul	98
phenol	10.23	162	269179	20.94	ng/ul	99
	10.64	128	772043	20.47	ng/ul	99
ine	10.75	127	358265	21.56	ng/ul	99
tadiene	10.92	225	181569	20.90	ng/ul	98
Caprolactam	11.50	113	105293m	20.33	ng/ul	
ethylphenol	11.87	107	327535	20.58	ng/ul	95
thalene	12.25	142	633579	20.53	ng/ul	98

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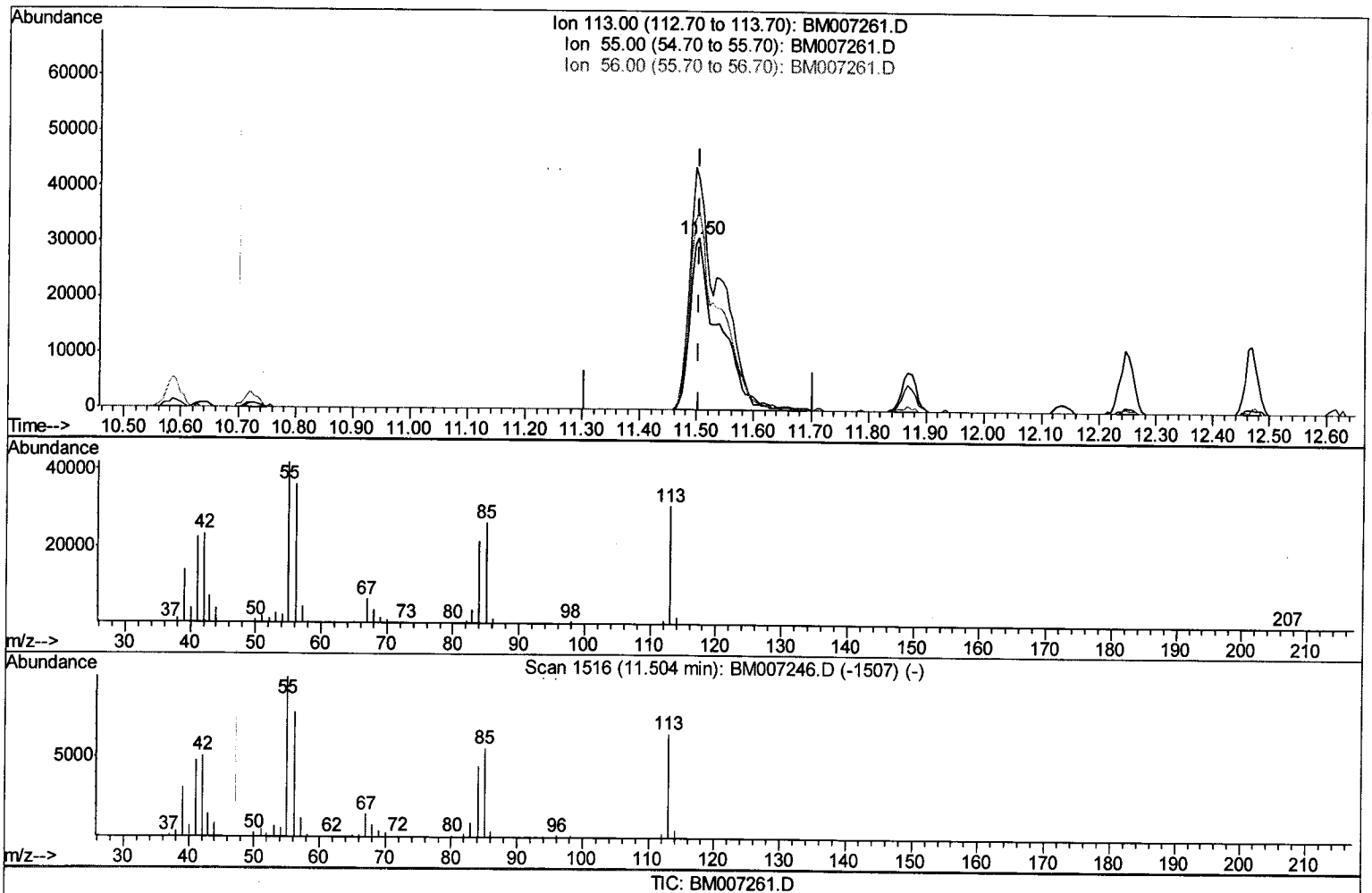

TIC: BM007261.D

(32) Caprolactam

11.504min (+0.000) 20.33ng/ul m

U.M
08124116

ct%

100

55.00 152.40 134.89

16.23

00

Instrument :
BNA_M
LabSampleId :
SSTD02063
Manual Integrations
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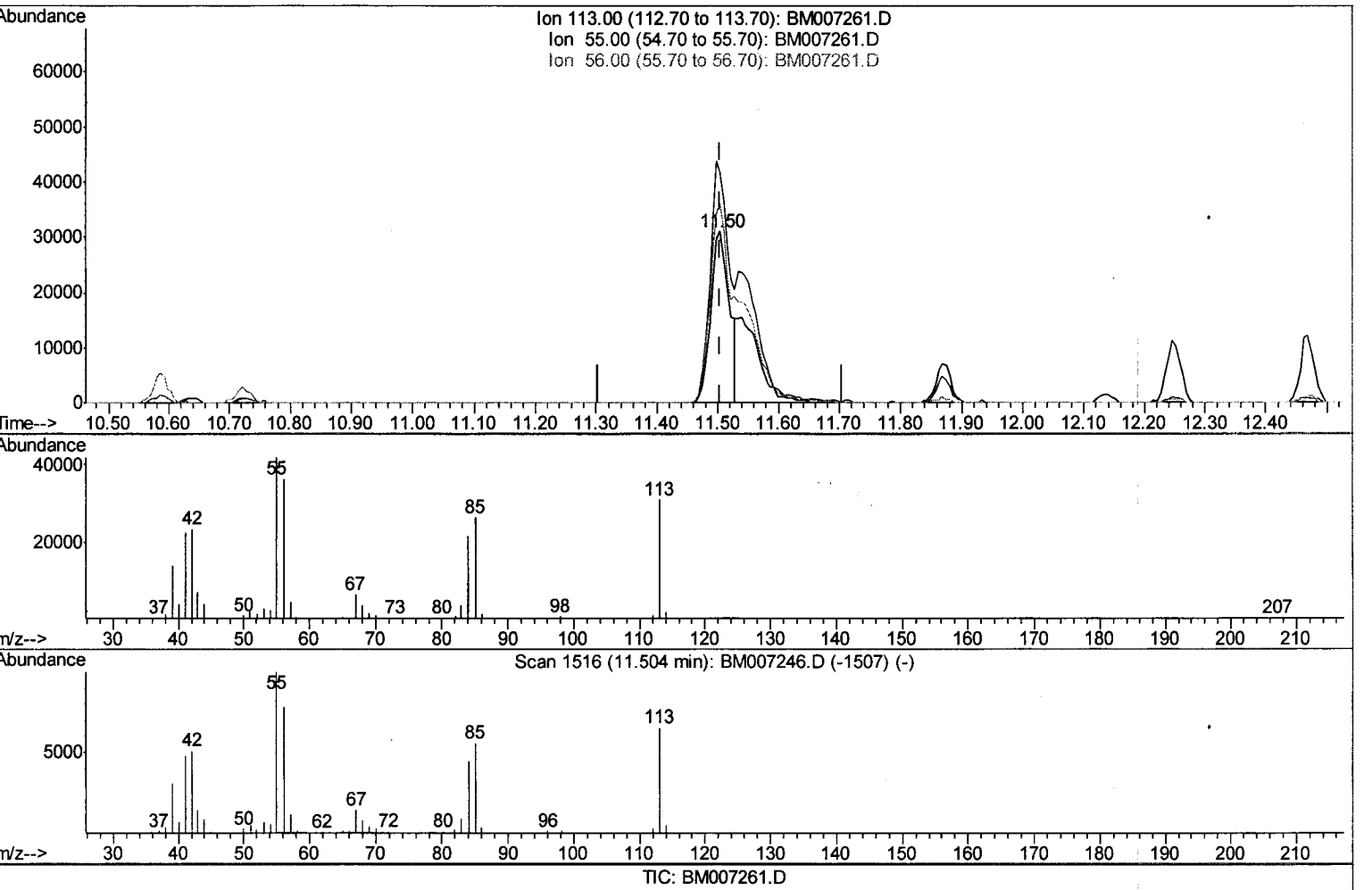

TIC: BM007261.D

(32) Caprolactam

11.504min (+0.000) 12.68ng/ul

response 65657

Ion	Exp%	Act%
		00
		34.89
		16.23
		00

Manual Integrations
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InstrumentBNA_M
LabSampleIdSSTD02063