

(QT Reviewed)

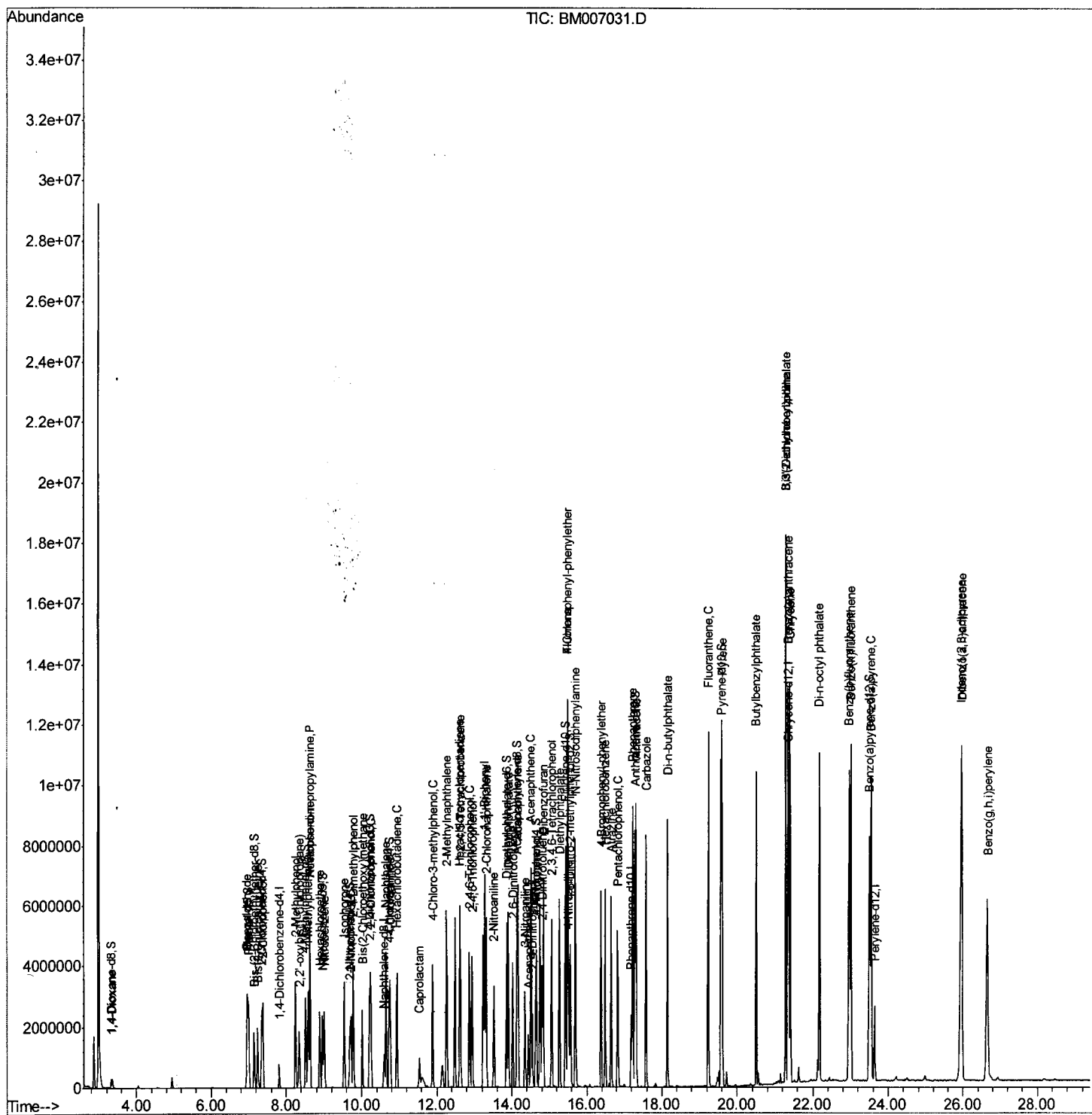
```
Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM081116\  
Data File  : BM007031.D  
Acq On     : 11 Aug 2016   20:47  
Operator   : UM/SJ  
Sample     : SSTD08050  
Misc       :  
ALS Vial   : 6      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
SSTD08050

Manual Integrations

umangi
8/12/2016 6:56:50 PM

Quant Time: Aug 12 01:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:29:35 2016
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007031.D
 Acq On : 11 Aug 2016 20:47
 Operator : UM/SJ
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08050

Manual Integrations
 APPROVED

umangi
 8/12/2016 6:56:50 PM

Quant Time: Aug 12 01:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	1596889	70.43	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	1075881	81.05	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	1106096	79.34	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	1145798	85.09	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	3609841	75.59	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	2852016	76.24	ng/ul	99
42) 2-Nitroaniline	13.53	65	919794	70.54	ng/ul	98
44) Dimethylphthalate	13.91	163	3679324	76.98	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	814547	87.05	ng/ul	95
47) Acenaphthylene	14.17	152	4609345	76.96	ng/ul	99
48) 3-Nitroaniline	14.36	138	757959	91.65	ng/ul	96
49) Acenaphthene	14.51	153	2995693	76.78	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	509837	89.90	ng/ul	92
52) 4-Nitrophenol	14.66	109	725749	54.56	ng/ul	91
53) Dibenzofuran	14.84	168	4380824	72.91	ng/ul	96
54) 2,4-Dinitrotoluene	14.81	165	1178945	80.40	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	1099519	76.88	ng/ul	95
56) Diethylphthalate	15.28	149	3784403	76.04	ng/ul	99
58) Fluorene	15.50	166	3383268	67.57	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	1768920	63.37	ng/ul	96
60) 4-Nitroaniline	15.52	138	873517	99.00	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.57	198	762928	79.92	ng/ul	97
64) N-Nitrosodiphenylamine	15.70	169	3142492	75.78	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	1300410	74.41	ng/ul	96
66) Hexachlorobenzene	16.49	284	1410183	74.14	ng/ul	95
67) Atrazine	16.66	200	1304125	73.79	ng/ul	99
68) Pentachlorophenol	16.84	266	954065	87.49	ng/ul	99
69) Phenanthrene	17.23	178	5869113	73.73	ng/ul	98
71) Anthracene	17.33	178	5963358	72.74	ng/ul	98
72) Carbazole	17.59	167	5331342	74.67	ng/ul	98
73) Di-n-butylphthalate	18.16	149	6424913	82.01	ng/ul	100
74) Fluoranthene	19.24	202	7221306	70.55	ng/ul	100
77) Pyrene	19.61	202	7303777	67.36	ng/ul	99
78) Butylbenzylphthalate	20.51	149	3142811	81.94	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	2453702	75.59	ng/ul	99
80) Benzo(a)anthracene	21.35	228	7616491	73.63	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	4157262	77.63	ng/ul	100
82) Chrysene	21.40	228	6890137	75.28	ng/ul	97
84) Di-n-octyl phthalate	22.18	149	7789967	68.07	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	8700943	73.80	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	7703526	68.18	ng/ul	99
88) Benzo(a)pyrene	23.55	252	8065730	72.41	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	9880099	74.27	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	8141122	71.30	ng/ul	100
91) Benzo(g,h,i)perylene	26.66	276	8599198	79.68	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007031.D
 Acq On : 11 Aug 2016 20:47
 Operator : UM/SJ
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08050

Manual Integrations
 APPROVED

umangi
 8/12/2016 6:56:50 PM

Quant Time: Aug 12 01:42:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	213384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	918864	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	582637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1446832	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1706123	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1867064	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	145952	35.80	ng/uL	0.00
5) Phenol-d5	6.98	99	1427339	88.46	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.15	67	791862	76.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	1118701	88.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	1178634	89.57	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	557572	87.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	628824	84.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	1225880	79.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1429693	87.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	3732069	77.31	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	4560784	77.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	709670	68.42	ng/ul	0.01
57) Fluorene-d10	15.44	176	3217479	72.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	708804	77.49	ng/ul	0.01
70) Anthracene-d10	17.29	188	5076596	73.46	ng/ul	0.00
76) Pyrene-d10	19.58	212	5827173	69.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	6691559	74.18	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	149410	33.24	ng/uL	95
4) Benzaldehyde	6.96	77	822956	77.81	ng/ul	99
6) Phenol	7.01	94	1478319	86.69	ng/ul	98
8) Bis(2-Chloroethyl) ether	7.25	93	1071243	87.76	ng/ul	99
10) 2-Chlorophenol	7.38	128	1140010	88.84	ng/ul	99
11) 2-Methylphenol	8.25	108	1139081	86.66	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	1234747	51.58	ng/ul	98
14) Acetophenone	8.63	105	1771840	77.84	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	925247	82.58	ng/ul	96
16) 4-Methylphenol	8.59	108	1234317	86.02	ng/ul	100
17) Hexachloroethane	8.89	117	468231	72.90	ng/ul	97
20) Nitrobenzene	9.01	77	1389461	71.97	ng/ul	99
21) Isophorone	9.54	82	2615195	82.97	ng/ul	100
23) 2-Nitrophenol	9.72	139	679179	86.10	ng/ul	98
24) 2,4-Dimethylphenol	9.78	107	1438068	75.36	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	1526562	87.77	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	1205267	82.71	ng/ul	99
28) Naphthalene	10.65	128	3556253	77.80	ng/ul	100
30) 4-Chloroaniline	10.76	127	1461581	86.92	ng/ul	98
31) Hexachlorobutadiene	10.94	225	842554	63.38	ng/ul	98
32) Caprolactam	11.54	113	424097m	87.83	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	1345272	81.64	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	2746841	75.23	ng/ul	99

U.A.
 8/12/16

Quantitation Report (Qedit)

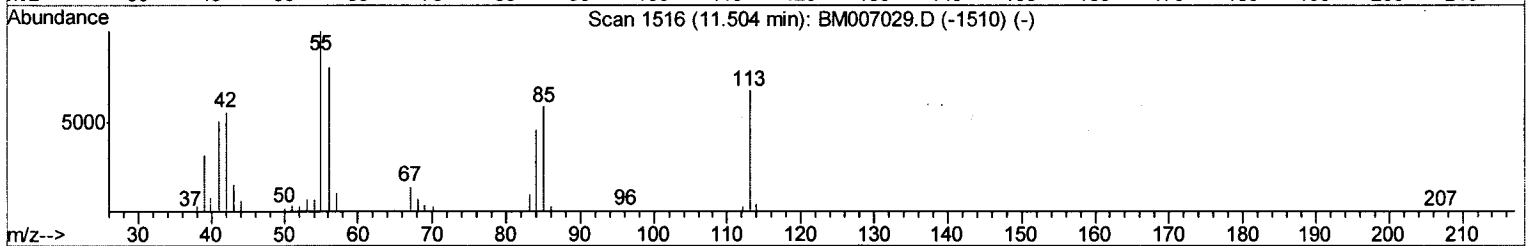
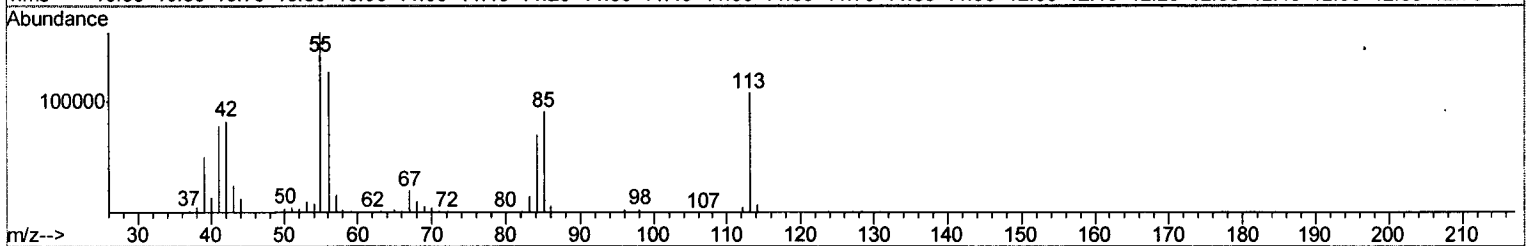
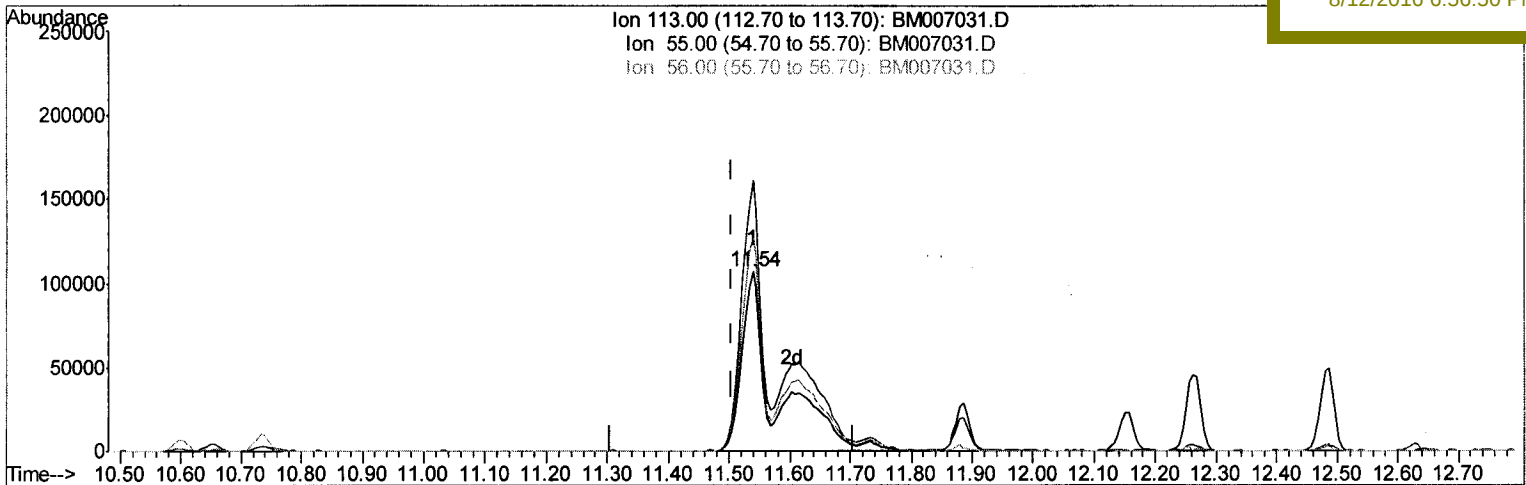
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007031.D
 Acq On : 11 Aug 2016 20:47
 Operator : UM/SJ
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 SSTD08050

Quant Time: Aug 12 01:31:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

umangi
 8/12/2016 6:56:50 PM



(32) Caprolactam

11.539min (+0.035) 97.83ng/ul m

response 424097

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	150.43
56.00	121.70	118.07
0.00	0.00	0.00

U. x1
8/12/16

Quantitation Report (Qedit)

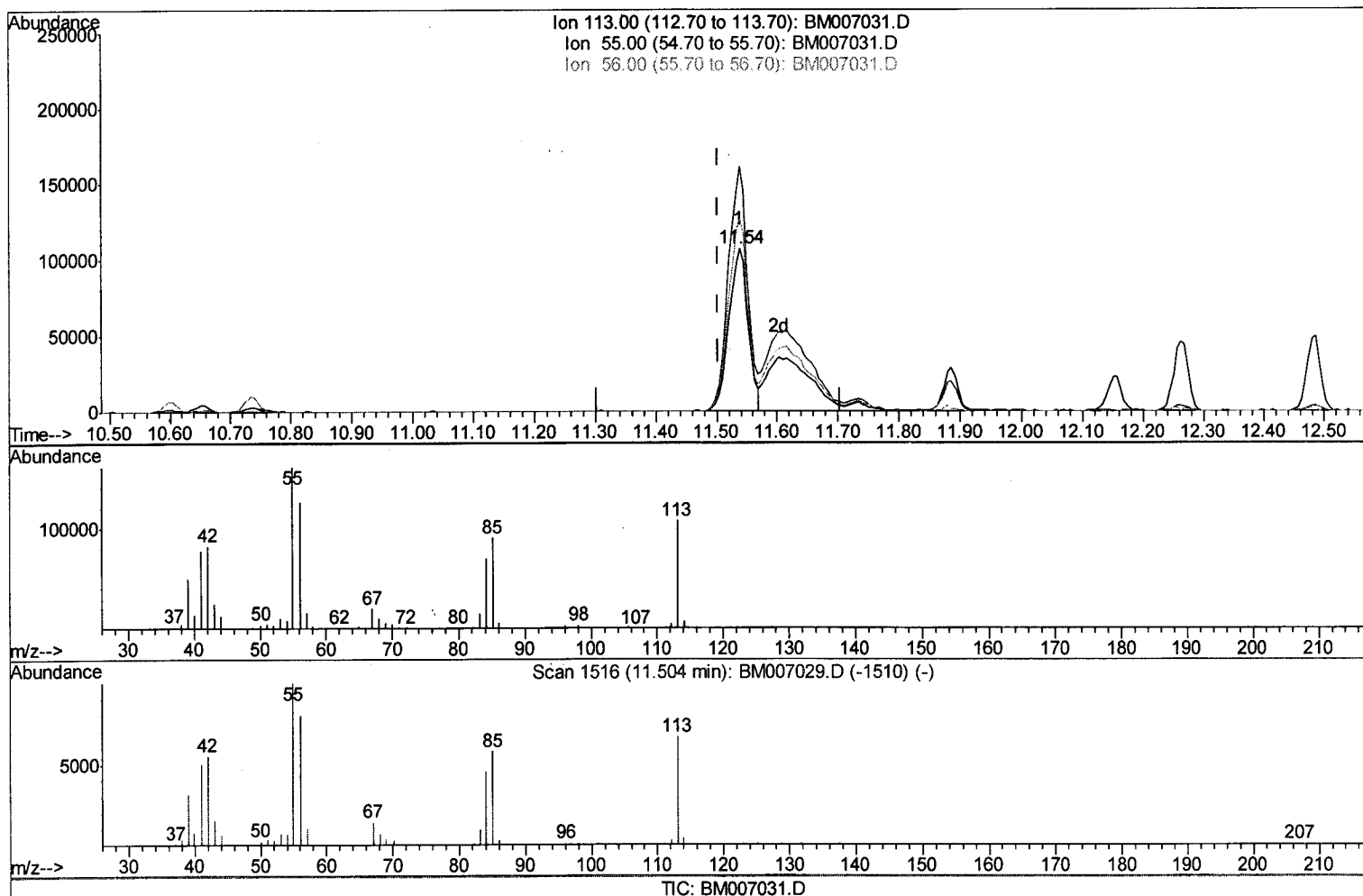
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081116\
 Data File : BM007031.D
 Acq On : 11 Aug 2016 20:47
 Operator : UM/SJ
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08050

Manual Integrations
 APPROVED

umangi
 8/12/2016 6:56:50 PM

Quant Time: Aug 12 01:31:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:29:35 2016
 Response via : Initial Calibration



(32) Caprolactam

11.539min (+0.035) 54.04ng/ul

response 234289

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	150.43
56.00	121.70	118.07
0.00	0.00	0.00