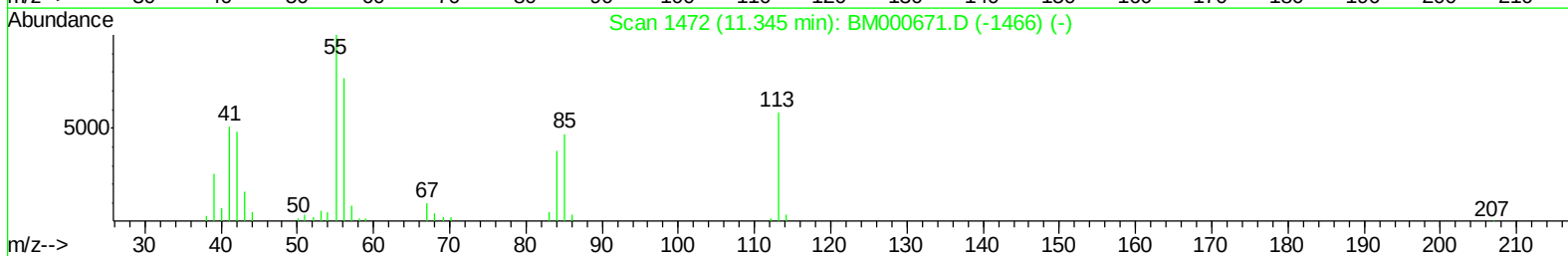
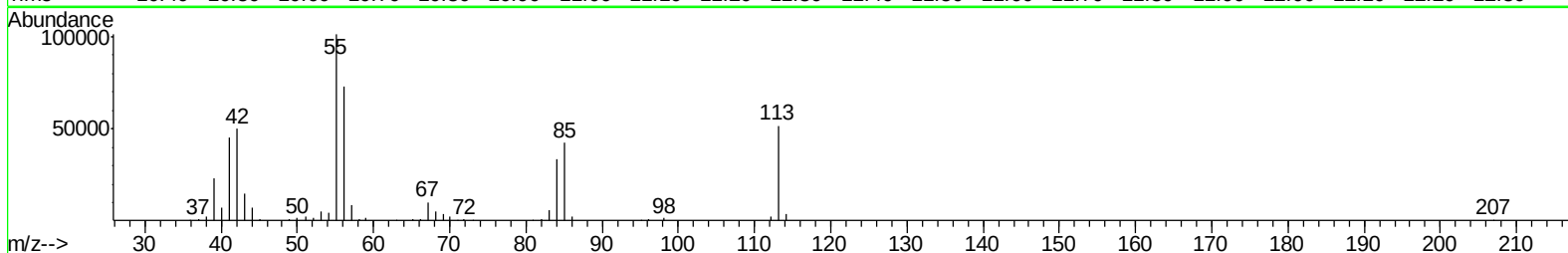
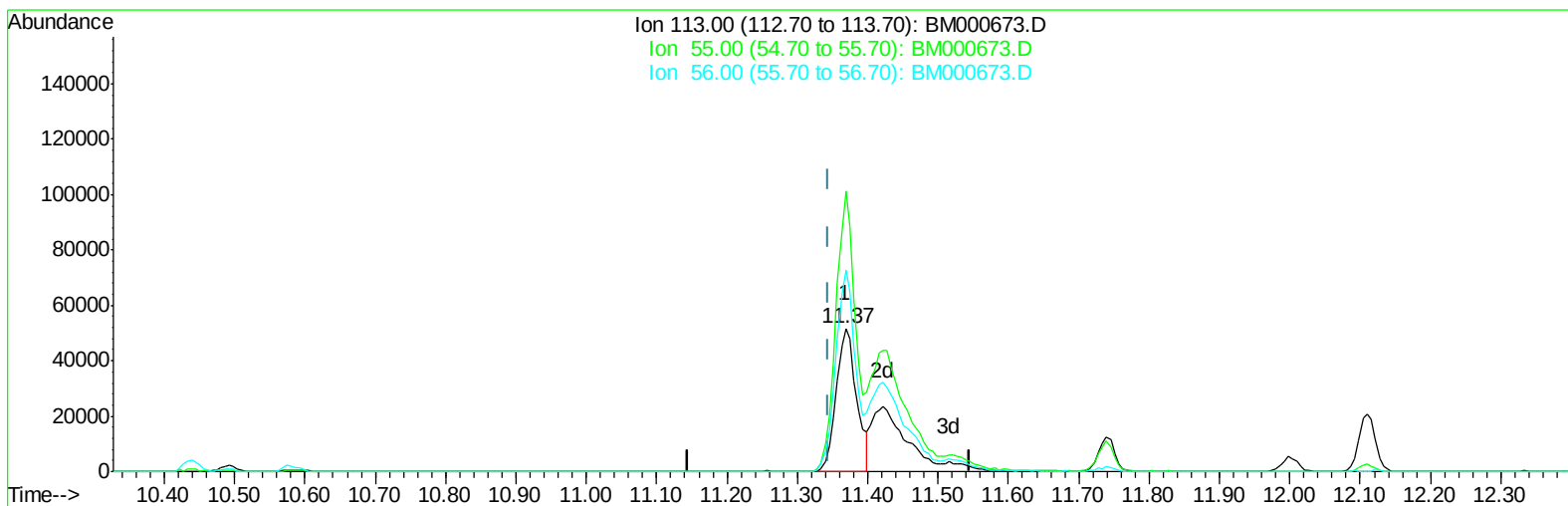


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
Data File : BM000673.D
Acq On : 09 Mar 2015 23:05
Operator : TP/IZ
Sample : SSTD08057
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 10 03:22:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 10 03:10:32 2015
Response via : Initial Calibration



TIC: BM000673.D

(32) Caprolactam

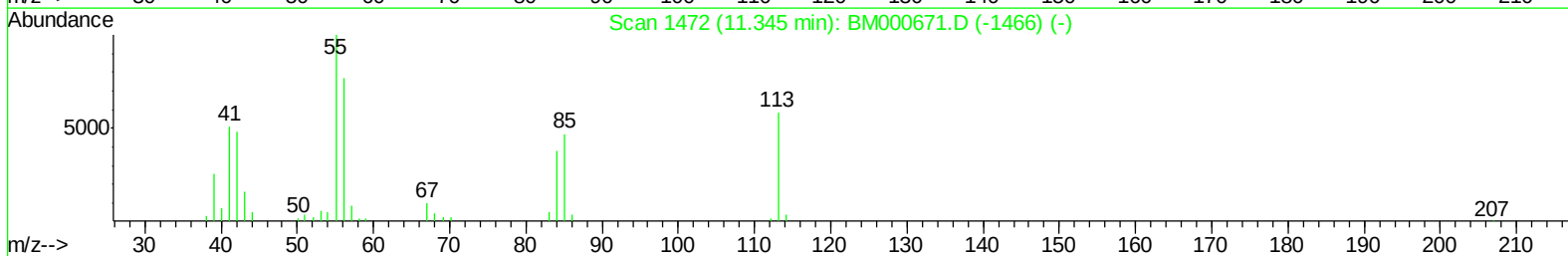
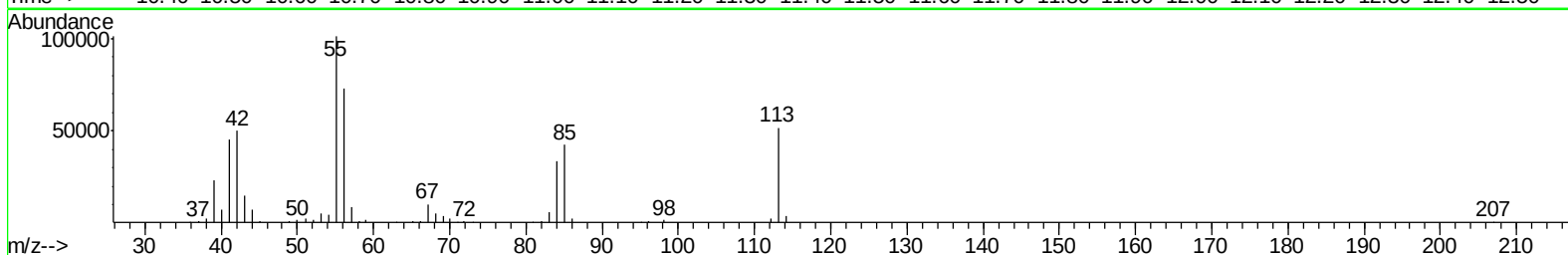
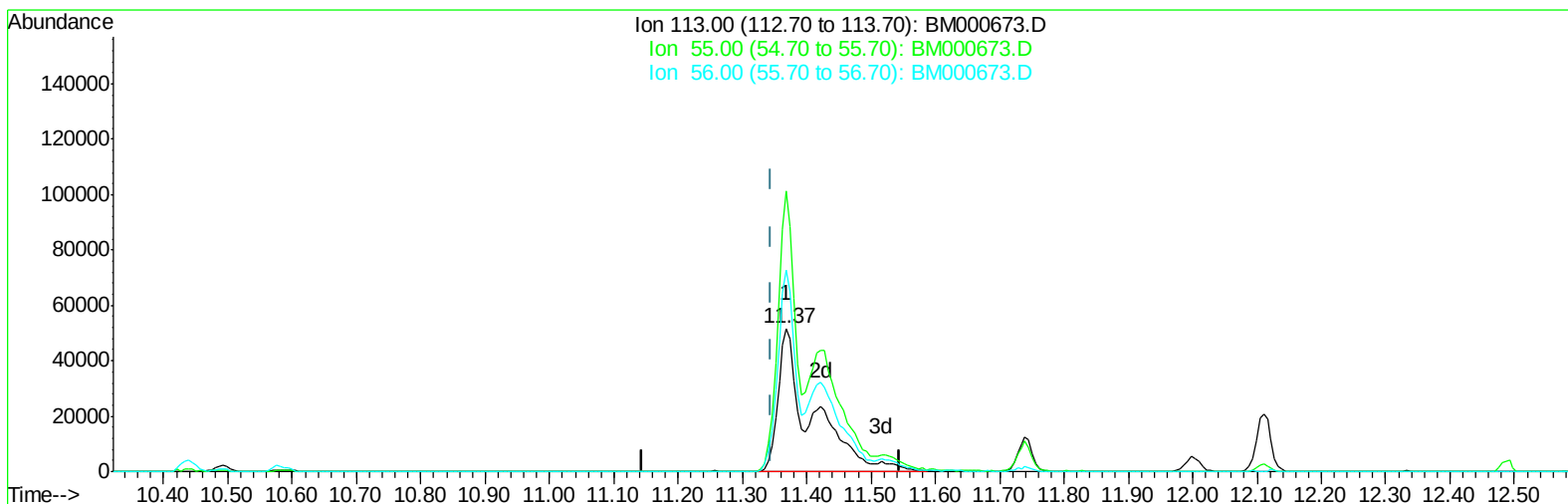
11.369min (+0.024) 53.14ng/ul

response 104466

Ion	Exp%	Act%
113.00	100	100
55.00	171.00	195.70
56.00	131.00	140.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
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Quant Time: Mar 10 03:22:32 2015
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TIC: BM000673.D

(32) Caprolactam

11.369min (+0.024) 97.41ng/ul m

response 191507

Ion	Exp%	Act%
113.00	100	100
55.00	171.00	195.70
56.00	131.00	140.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
 Data File : BM000673.D
 Acq On : 09 Mar 2015 23:05
 Operator : TP/IZ
 Sample : SSTD08057
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 10 04:31:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 10 03:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	138656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	559501	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	315561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	696398	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	742003	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	699389	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	77052	30.36	ng/uL	0.00
5) Phenol-d5	6.83	99	808831	85.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	478336	84.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	662663	83.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	640102	83.87	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	311918	90.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	344102	88.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	639680	77.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	331493	48.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1676060	78.91	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2322238	79.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	350120	97.11	ng/ul	0.01
57) Fluorene-d10	15.31	176	1597969	74.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	320671	85.71	ng/ul	0.01
70) Anthracene-d10	17.16	188	2434378	78.05	ng/ul	0.00
76) Pyrene-d10	19.46	212	2578909	75.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	2388445	77.70	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	92595	31.53 ng/uL	92
4) Benzaldehyde	6.80	77	592521	163.78 ng/ul	97
6) Phenol	6.86	94	837392	86.42 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	649616	84.92 ng/ul	97
10) 2-Chlorophenol	7.22	128	672144	82.43 ng/ul	99
11) 2-Methylphenol	8.10	108	637526	83.67 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	1124560	75.57 ng/ul	99
14) Acetophenone	8.47	105	986078	79.11 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	490351	85.57 ng/ul	99
16) 4-Methylphenol	8.43	108	693390	86.45 ng/ul	100
17) Hexachloroethane	8.72	117	263128	73.80 ng/ul	97
20) Nitrobenzene	8.86	77	729798	78.27 ng/ul	100
21) Isophorone	9.37	82	1343159	85.95 ng/ul	99
23) 2-Nitrophenol	9.56	139	366858	86.94 ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	737118	75.30 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	826409	84.23 ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	626254	77.57 ng/ul	98
28) Naphthalene	10.49	128	2149785	77.14 ng/ul	99
30) 4-Chloroaniline	10.60	127	355475	51.55 ng/ul	95
31) Hexachlorobutadiene	10.77	225	371671	61.16 ng/ul	96
32) Caprolactam	11.37	113	191507m	97.41 ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	658825	78.78 ng/ul	98
34) 2-Methylnaphthalene	12.11	142	1510065	76.45 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.49	216	711025	70.81	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	435700	68.95	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	459648	86.02	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	502261	81.11	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	1917653	76.73	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	1483403	76.89	ng/ul	99
42) 2-Nitroaniline	13.39	65	435731	95.33	ng/ul	97
44) Dimethylphthalate	13.77	163	1793121	77.19	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	380001	92.21	ng/ul	100
47) Acenaphthylene	14.03	152	2474030	80.75	ng/ul	99
48) 3-Nitroaniline	14.22	138	341763	90.72	ng/ul	94
49) Acenaphthene	14.37	153	1583029	78.40	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	221084	98.87	ng/ul	90
52) 4-Nitrophenol	14.54	109	251516	61.86	ng/ul	97
53) Dibenzofuran	14.71	168	2244518	76.55	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	553821	92.20	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	415291	84.40	ng/ul#	96
56) Diethylphthalate	15.14	149	1792945	78.89	ng/ul	100
58) Fluorene	15.36	166	1824948	77.07	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	863472	70.87	ng/ul	96
60) 4-Nitroaniline	15.39	138	412753	92.94	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	332678	85.10	ng/ul	94
64) N-Nitrosodiphenylamine	15.57	169	1555781	78.65	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	492547	70.84	ng/ul	97
66) Hexachlorobenzene	16.37	284	545574	69.92	ng/ul	98
67) Atrazine	16.53	200	453899	69.65	ng/ul	99
68) Pentachlorophenol	16.71	266	330160	82.24	ng/ul	97
69) Phenanthrene	17.10	178	2858001	76.67	ng/ul	99
71) Anthracene	17.19	178	2933891	77.83	ng/ul	100
72) Carbazole	17.46	167	2676727	82.30	ng/ul	99
73) Di-n-butylphthalate	18.03	149	3097846	91.14	ng/ul	99
74) Fluoranthene	19.12	202	3226436	78.27	ng/ul	99
77) Pyrene	19.49	202	3397934	75.25	ng/ul	99
78) Butylbenzylphthalate	20.39	149	1433376	95.33	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.17	252	995311	81.07	ng/ul	98
80) Benzo(a)anthracene	21.23	228	3162900	75.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	2112507	97.18	ng/ul#	97
82) Chrysene	21.29	228	3002715	75.46	ng/ul	98
84) Di-n-octyl phthalate	22.03	149	3675916	89.92	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	3218673	79.12	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	2932578	74.13	ng/ul	100
88) Benzo(a)pyrene	23.37	252	3000634	77.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.69	276	3353028	77.56	ng/ul	98
90) Dibenzo(a,h)anthracene	25.69	278	2804912	77.97	ng/ul	99
91) Benzo(g,h,i)perylene	26.36	276	2832224	77.51	ng/ul	99

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

