

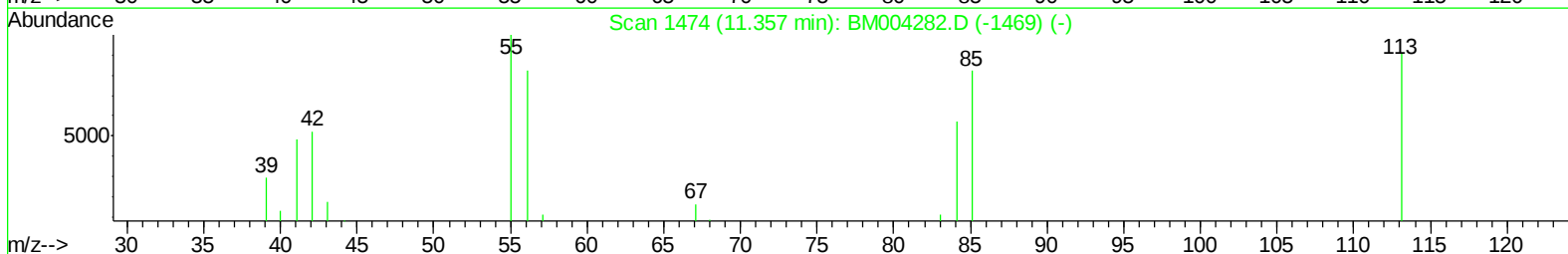
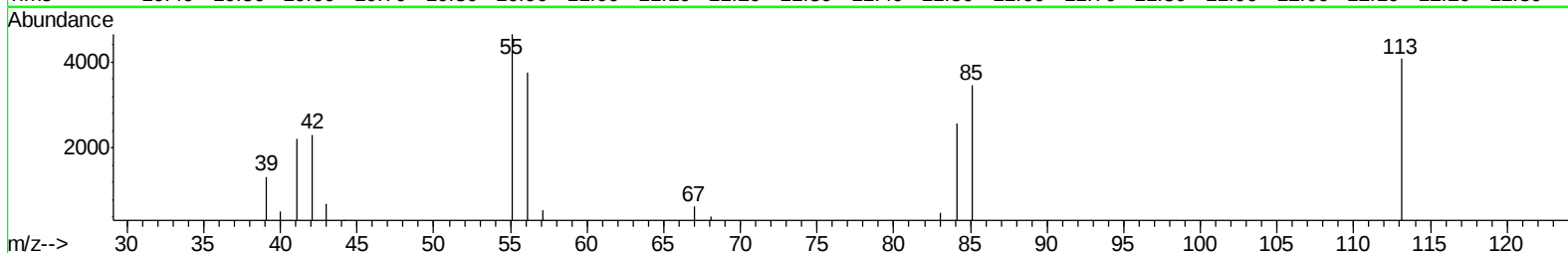
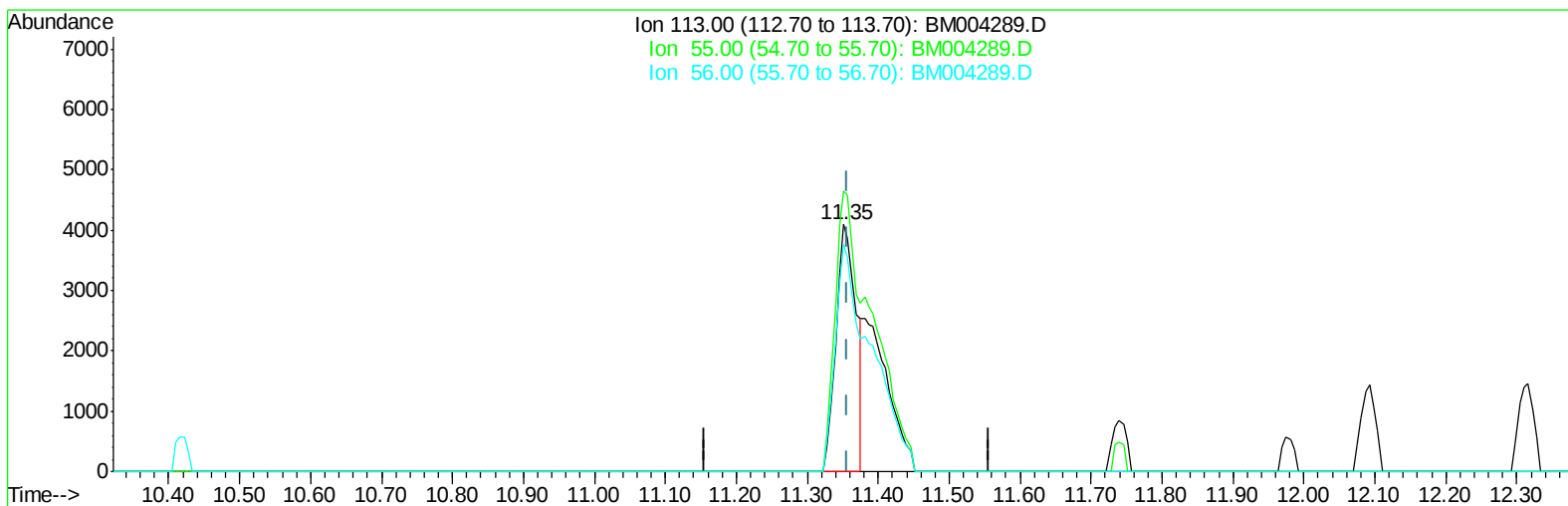
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021916\
Data File : BM004289.D
Acq On : 19 Feb 2016 17:38
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations
APPROVED

UMANGI
2/22/2016 11:00:13 AM

Quant Time: Feb 19 23:34:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 19 23:29:57 2016
Response via : Initial Calibration



TIC: BM004289.D

(32) Caprolactam

11.351min (-0.006) 14.75ng/ul

response 8151

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	113.43
56.00	101.50	91.58
0.00	0.00	0.00

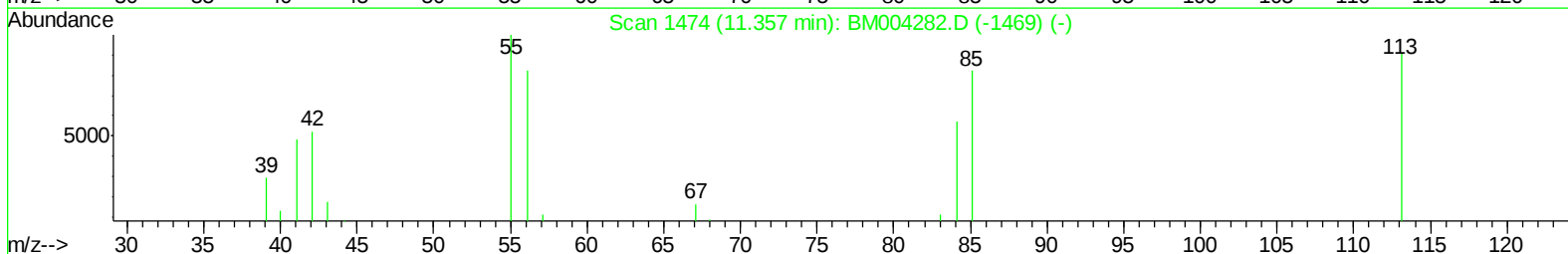
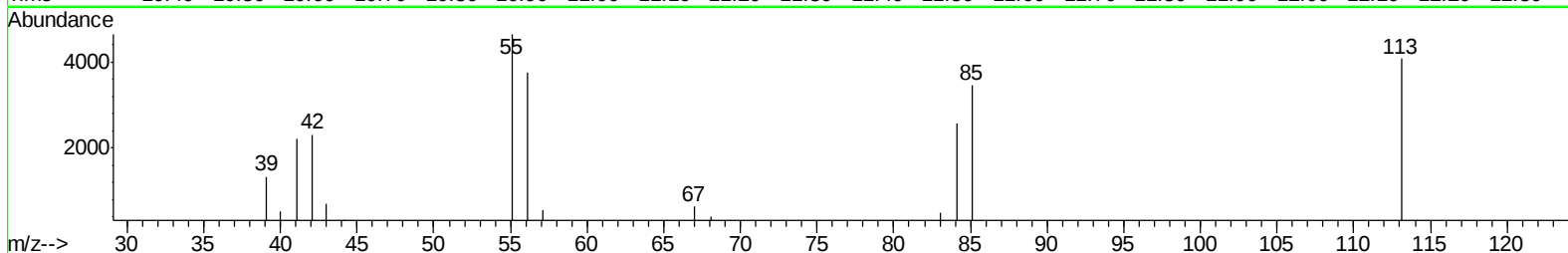
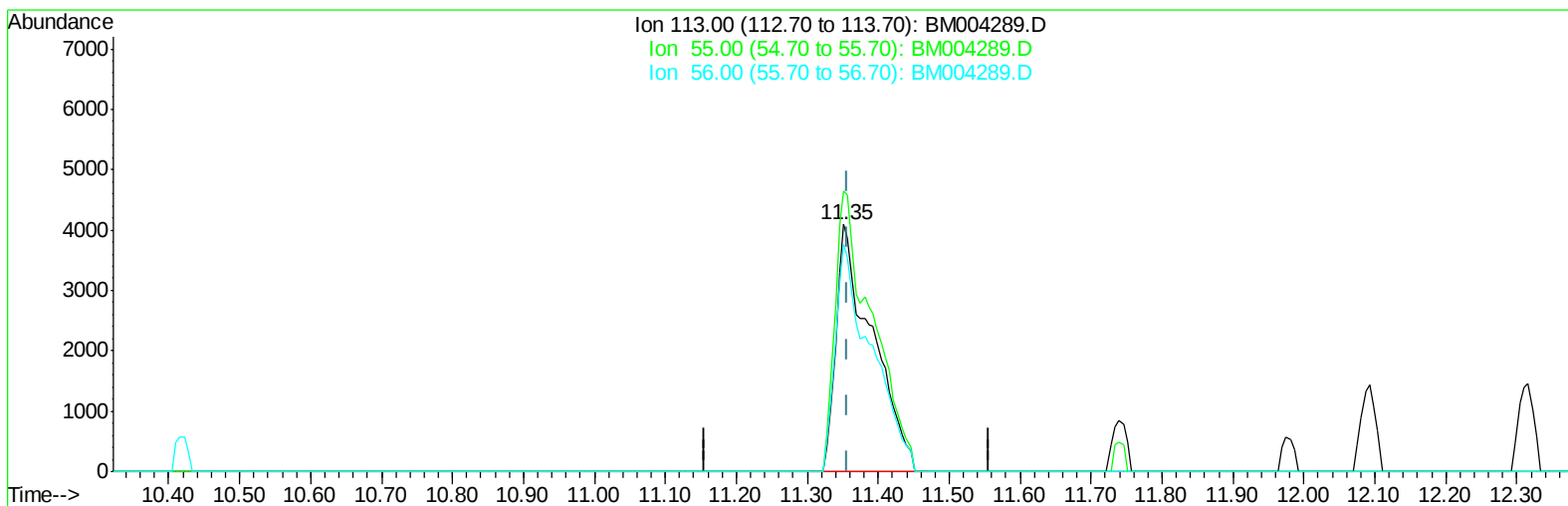
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(32) Caprolactam

11.351min (-0.006) 26.06ng/ul m

response 14396

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	113.43
56.00	101.50	91.58
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	118589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	79001	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	190934	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	223607	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	215030	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3510	7.58	ng/uL	0.00
5) Phenol-d5	6.82	99	40860	21.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	21169	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	34615	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	37147	23.28	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	18127	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	21083	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	37862	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	51943	23.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	136826	20.81	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	161091	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	21499	20.21	ng/ul	0.00
58) Fluorene-d10	15.29	176	117969	21.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	21768	18.72	ng/ul	0.00
71) Anthracene-d10	17.15	188	189686	20.32	ng/ul	0.00
79) Pyrene-d10	19.45	212	216103	18.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	227757	19.85	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.12	88	3925	7.25 ng/uL#	93
4) Benzaldehyde	6.78	77	25508	23.63 ng/ul	99
6) Phenol	6.85	94	44127	22.12 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	32869	21.59 ng/ul	97
10) 2-Chlorophenol	7.20	128	36265	21.00 ng/ul	98
11) 2-Methylphenol	8.09	108	35540	22.61 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	31457	21.19 ng/ul	97
14) Acetophenone	8.46	105	60422	23.76 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	28767	23.46 ng/ul	96
16) 4-Methylphenol	8.42	108	40265	23.43 ng/ul	98
17) Hexachloroethane	8.70	117	13476	19.59 ng/ul	91
20) Nitrobenzene	8.83	77	40073	19.31 ng/ul	97
21) Isophorone	9.35	82	83913	21.11 ng/ul	99
23) 2-Nitrophenol	9.55	139	23731	20.72 ng/ul	93
24) 2,4-Dimethylphenol	9.62	107	47632	20.72 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	49665	20.27 ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	40347	21.10 ng/ul	99
28) Naphthalene	10.47	128	132723	20.12 ng/ul	99
30) 4-Chloroaniline	10.59	127	55614	23.95 ng/ul	99
31) Hexachlorobutadiene	10.75	225	24173	18.78 ng/ul	99
32) Caprolactam	11.35	113	14396m	26.06 ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	48290	22.77 ng/ul	99
34) 2-Methylnaphthalene	12.09	142	101631	21.36 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	96167	21.38	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	51417	18.59	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	18400	14.08	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	34262	19.59	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	37740	20.04	ng/ul	100
41) 1,1'-Biphenyl	13.12	154	136020	19.26	ng/ul	98
42) 2-Chloronaphthalene	13.16	162	103001	19.18	ng/ul	99
43) 2-Nitroaniline	13.38	65	27488	20.99	ng/ul	97
45) Dimethylphthalate	13.76	163	143226	20.86	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	29595	21.85	ng/ul	97
48) Acenaphthylene	14.02	152	174873	20.05	ng/ul	100
49) 3-Nitroaniline	14.22	138	31053	24.17	ng/ul	98
50) Acenaphthene	14.36	153	119079	20.15	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	10129	15.48	ng/ul	96
53) 4-Nitrophenol	14.56	109	16097	18.92	ng/ul	97
54) Dibenzofuran	14.69	168	167887	20.56	ng/ul	98
55) 2,4-Dinitrotoluene	14.68	165	44633	22.92	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.93	232	30547	20.05	ng/ul	98
57) Diethylphthalate	15.12	149	149162	21.62	ng/ul	100
59) Fluorene	15.35	166	139635	21.22	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	68616	21.01	ng/ul	96
61) 4-Nitroaniline	15.39	138	32241	22.51	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.45	198	23625	18.65	ng/ul#	97
65) N-Nitrosodiphenylamine	15.56	169	122217	18.97	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	41588	18.81	ng/ul	95
67) Hexachlorobenzene	16.36	284	45658	18.37	ng/ul	97
68) Atrazine	16.52	200	46815	21.06	ng/ul	99
69) Pentachlorophenol	16.71	266	15073	13.09	ng/ul	98
70) Phenanthrene	17.09	178	231315	20.03	ng/ul	99
72) Anthracene	17.18	178	237275	20.24	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	48992	16.50	ng/uL	99
74) Pentachlorobenzene	14.62	250	50611	17.35	ng/uL	99
75) Carbazole	17.46	167	213370	21.65	ng/ul	99
76) Di-n-butylphthalate	18.02	149	269869	21.15	ng/ul	99
77) Fluoranthene	19.12	202	277418	22.94	ng/ul	100
80) Pyrene	19.49	202	292789	18.11	ng/ul	98
81) Butylbenzylphthalate	20.39	149	129942	20.07	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.18	252	97076	21.52	ng/ul	98
83) Benzo(a)anthracene	21.24	228	289093	20.08	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	192009	20.27	ng/ul	99
85) Chrysene	21.30	228	280918	20.67	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	343756	20.96	ng/ul	97
88) Benzo(b)fluoranthene	22.82	252	291074	20.46	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	275249	20.26	ng/ul	99
91) Benzo(a)pyrene	23.39	252	272928	20.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	273504	17.85	ng/ul	100
93) Dibenzo(a,h)anthracene	25.73	278	227410	17.68	ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	228454	17.65	ng/ul	100

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

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

