

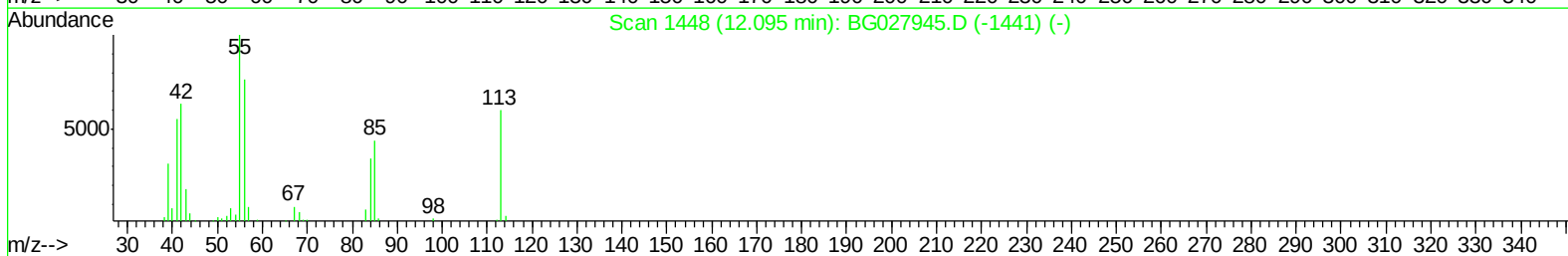
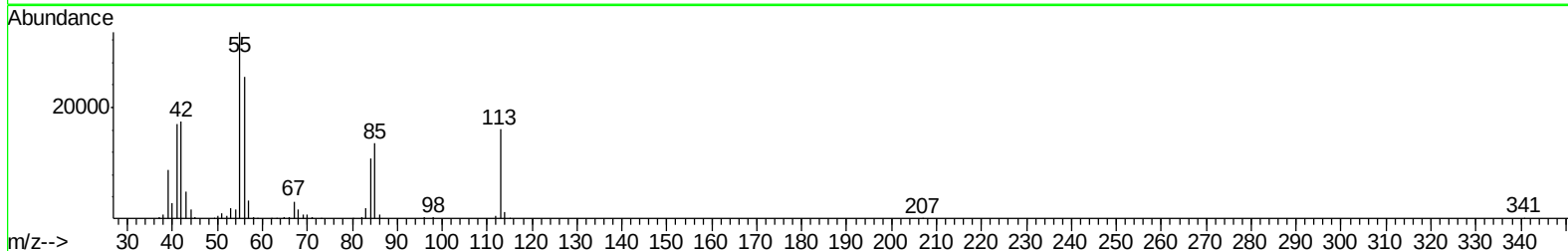
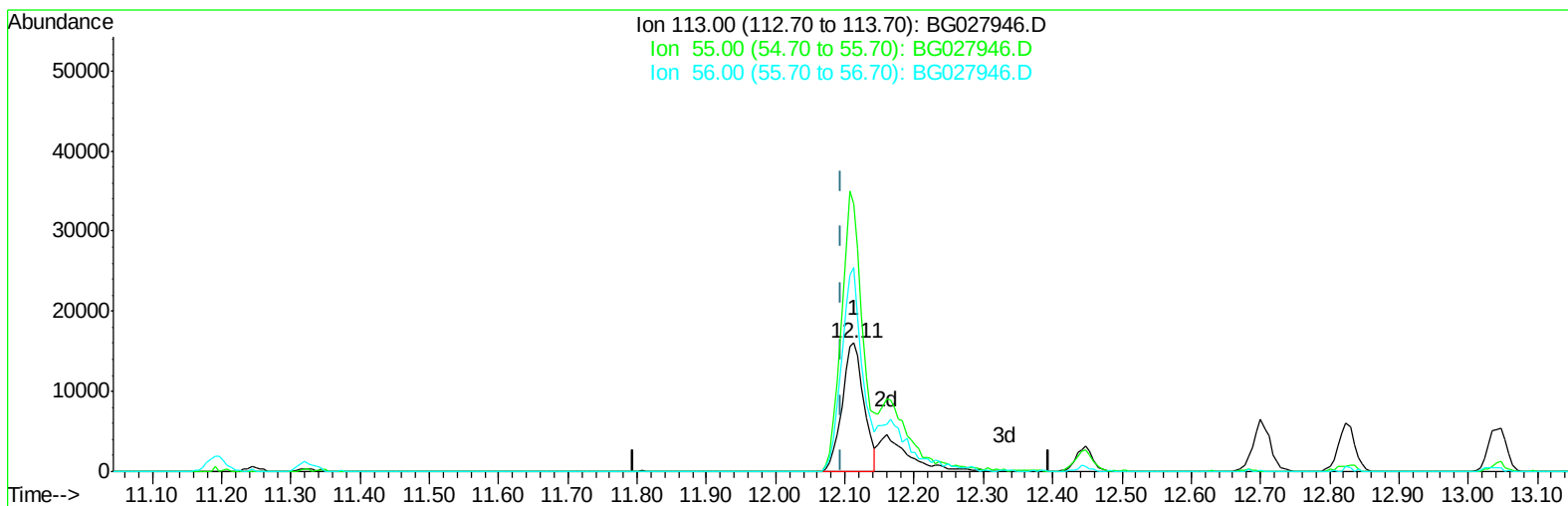
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027946.D
Acq On : 17 Jul 2017 13:04
Operator : SJ/JU
Sample : SST04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04055

Manual Integrations
APPROVED

mohammad
7/20/2017 8:40:06 AM

Quant Time: Jul 17 14:13:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 13:11:04 2017
Response via : Initial Calibration



TIC: BG027946.D

(32) Caprolactam

12.113min (+0.018) 22.74ng/ul

response 35475

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	208.44
56.00	160.60	158.62
0.00	0.00	0.00

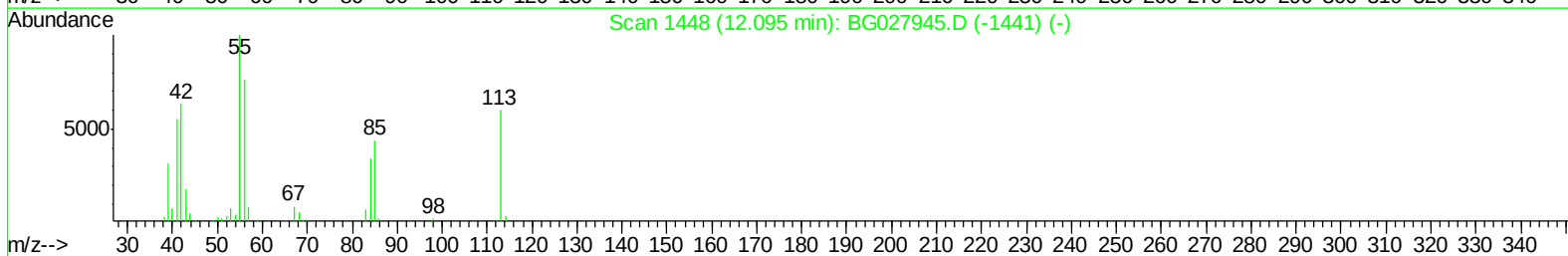
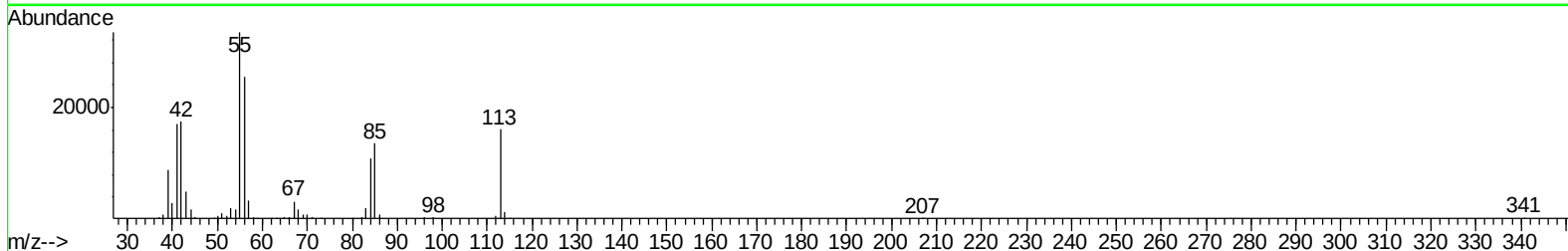
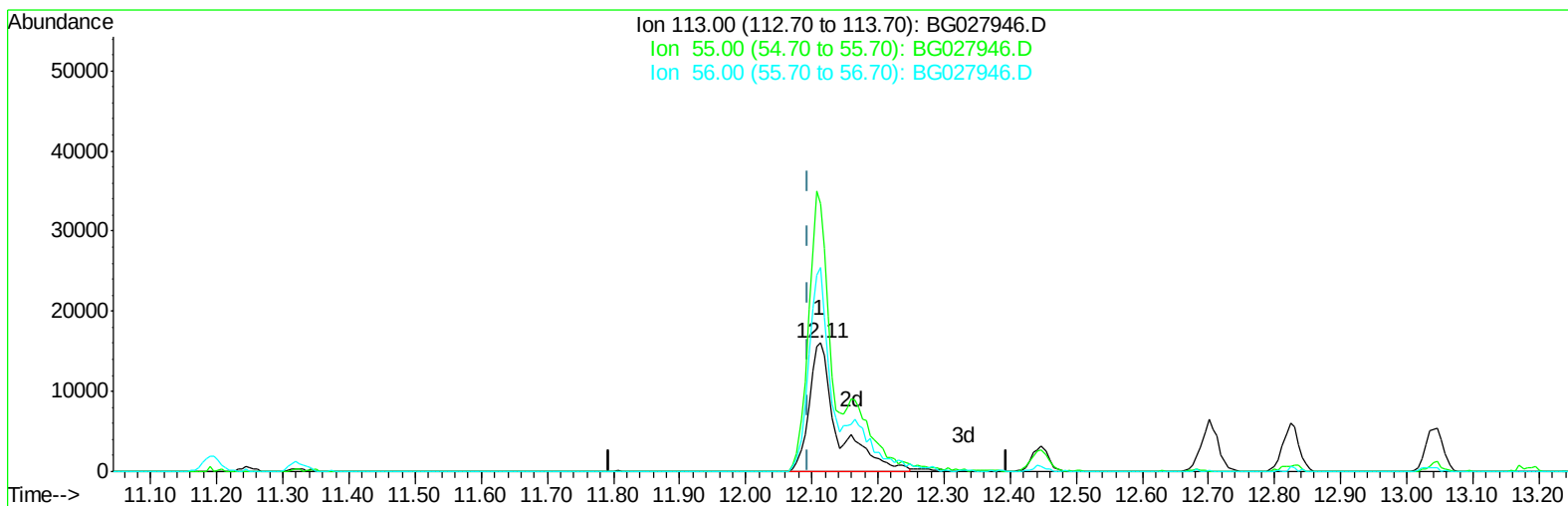
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(32) Caprolactam

12.113min (+0.018) 31.18ng/ul m

response 48639

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	208.44
56.00	160.60	158.62
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	8.37	152	55851	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	239998	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	159304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	390139	20.00	ng/ul	0.00
75) Chrysene-d12	22.07	240	485274	20.00	ng/ul	0.00
83) Perylene-d12	25.59	264	438108	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.87	96	16589	11.88	ng/uL	0.00
5) Phenol-d5	7.52	99	195700	32.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	111156	26.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	153686	38.41	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	159944	33.78	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	74267	42.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	91777	49.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	177751	50.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	166591	37.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	559821	41.97	ng/ul	0.00
46) Acenaphthylene-d8	14.68	160	647179	42.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	79069	30.30	ng/ul	0.00
57) Fluorene-d10	15.97	176	519626	41.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	109500	45.20	ng/ul	0.00
70) Anthracene-d10	17.83	188	763530	41.97	ng/ul	0.00
76) Pyrene-d10	20.10	212	885222	37.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	856257	43.40	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.90	88	17548	10.855 ng/uL	92
4) Benzaldehyde	7.51	77	122306	34.537 ng/ul#	78
6) Phenol	7.54	94	185941	29.297 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.78	93	131870	28.252 ng/ul	94
10) 2-Chlorophenol	7.94	128	139836	34.714 ng/ul#	86
11) 2-Methylphenol	8.80	108	136176	29.680 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.89	45	253687	32.652 ng/ul	96
14) Acetophenone	9.19	105	224962	30.739 ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.17	70	118639	28.694 ng/ul	98
16) 4-Methylphenol	9.13	108	150939	29.957 ng/ul	98
17) Hexachloroethane	9.46	117	56360	36.494 ng/ul#	84
20) Nitrobenzene	9.58	77	169887	34.598 ng/ul#	87
21) Isophorone	10.10	82	315070	32.537 ng/ul#	93
23) 2-Nitrophenol	10.30	139	88060	43.295 ng/ul#	74
24) 2,4-Dimethylphenol	10.34	107	177567	36.649 ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.58	93	183921	30.875 ng/ul#	95
27) 2,4-Dichlorophenol	10.83	162	167216	47.277 ng/ul#	94
28) Naphthalene	11.24	128	464285	37.644 ng/ul	98
30) 4-Chloroaniline	11.35	127	155485	35.570 ng/ul	93
31) Hexachlorobutadiene	11.52	225	130517	59.988 ng/ul	92
32) Caprolactam	12.11	113	48639m	31.180 ng/ul	
33) 4-Chloro-3-methylphenol	12.45	107	157793	33.872 ng/ul#	78
34) 2-Methylnaphthalene	12.82	142	375115	41.014 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	249882	52.989	ng/ul#	93
37) Hexachlorocyclopentadiene	13.16	237	145751	55.187	ng/ul	96
38) 2,4,6-Trichlorophenol	13.42	196	157294	50.405	ng/ul	97
39) 2,4,5-Trichlorophenol	13.50	196	163517	50.323	ng/ul	95
40) 1,1'-Biphenyl	13.82	154	499852	39.663	ng/ul	96
41) 2-Chloronaphthalene	13.86	162	398801	41.959	ng/ul	97
42) 2-Nitroaniline	14.06	65	116920	32.696	ng/ul#	86
44) Dimethylphthalate	14.42	163	509917	38.544	ng/ul	98
45) 2,6-Dinitrotoluene	14.55	165	107863	43.796	ng/ul#	80
47) Acenaphthylene	14.71	152	634080	41.185	ng/ul	98
48) 3-Nitroaniline	14.89	138	93360	34.931	ng/ul#	83
49) Acenaphthene	15.04	153	425073	39.588	ng/ul	95
50) 2,4-Dinitrophenol	15.09	184	60724	35.587	ng/ul#	75
52) 4-Nitrophenol	15.18	109	65403	31.516	ng/ul#	68
53) Dibenzofuran	15.38	168	622313	39.765	ng/ul	92
54) 2,4-Dinitrotoluene	15.33	165	154177	40.886	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.60	232	157359	49.794	ng/ul	92
56) Diethylphthalate	15.78	149	507231	36.280	ng/ul	95
58) Fluorene	16.03	166	529491	40.770	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.01	204	295343	45.244	ng/ul#	82
60) 4-Nitroaniline	16.05	138	105793	32.318	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	16.10	198	106571	41.692	ng/ul#	86
64) N-Nitrosodiphenylamine	16.23	169	439384	39.152	ng/ul	94
65) 4-Bromophenyl-phenylether	16.91	248	202647	51.282	ng/ul	92
66) Hexachlorobenzene	17.04	284	206600	49.631	ng/ul	93
67) Atrazine	17.17	200	186886	43.477	ng/ul	98
68) Pentachlorophenol	17.38	266	111102	40.218	ng/ul	94
69) Phenanthrene	17.77	178	804749	38.384	ng/ul	99
71) Anthracene	17.86	178	843186	39.552	ng/ul	99
72) Carbazole	18.14	167	683314	37.268	ng/ul	98
73) Di-n-butylphthalate	18.66	149	781509	34.468	ng/ul#	97
74) Fluoranthene	19.77	202	1011014	42.859	ng/ul	98
77) Pyrene	20.13	202	1041732	36.317	ng/ul	97
78) Butylbenzylphthalate	21.00	149	352594	32.617	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.94	252	336189	37.636	ng/ul	95
80) Benzo(a)anthracene	22.04	228	1071048	39.633	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.90	149	503136	32.406	ng/ul	95
82) Chrysene	22.11	228	963011	39.457	ng/ul	98
84) Di-n-octyl phthalate	23.22	149	854270	31.120	ng/ul	100
85) Benzo(b)fluoranthene	24.46	252	1038613	39.805	ng/ul#	99
86) Benzo(k)fluoranthene	24.53	252	1030971	41.107	ng/ul#	98
88) Benzo(a)pyrene	25.42	252	1012475	40.414	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.63	276	1159887	40.557	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.70	278	983197	40.041	ng/ul#	95
91) Benzo(g,h,i)perylene	30.90	276	945124	40.363	ng/ul#	96

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

