Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071515\
Data File : BG017886.D
Acq On : 15 Jul 2015 15:26
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 01:39:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02010

Manual Integrations APPROVED
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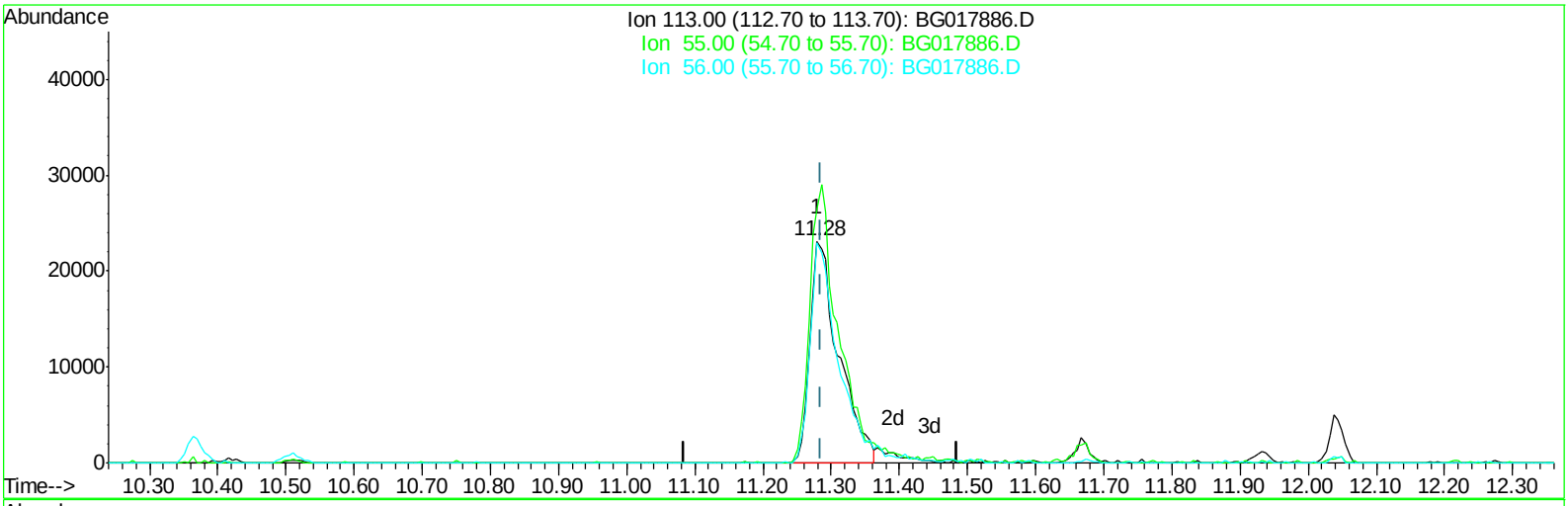

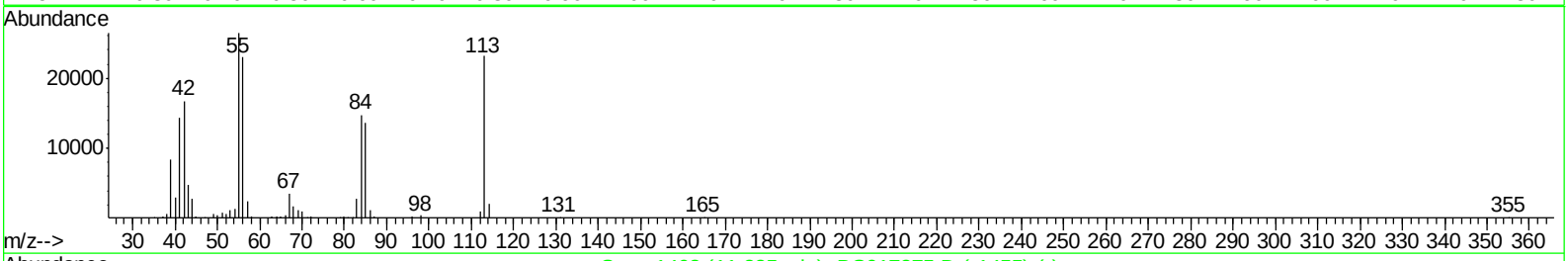

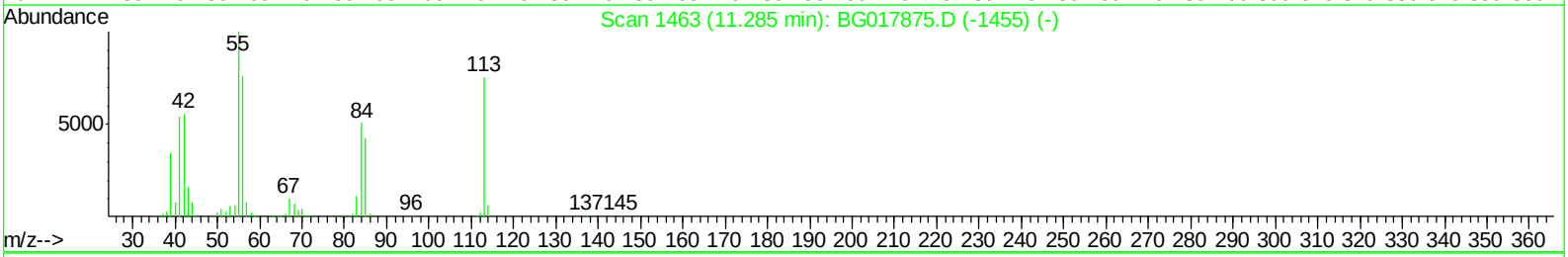

TIC: BG017886.D

(32) Caprolactam

11.280min (-0.006) 19.76ng/ul

response 67738

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	114.15#
56.00	112.20	99.52
0.00	0.00	0.00

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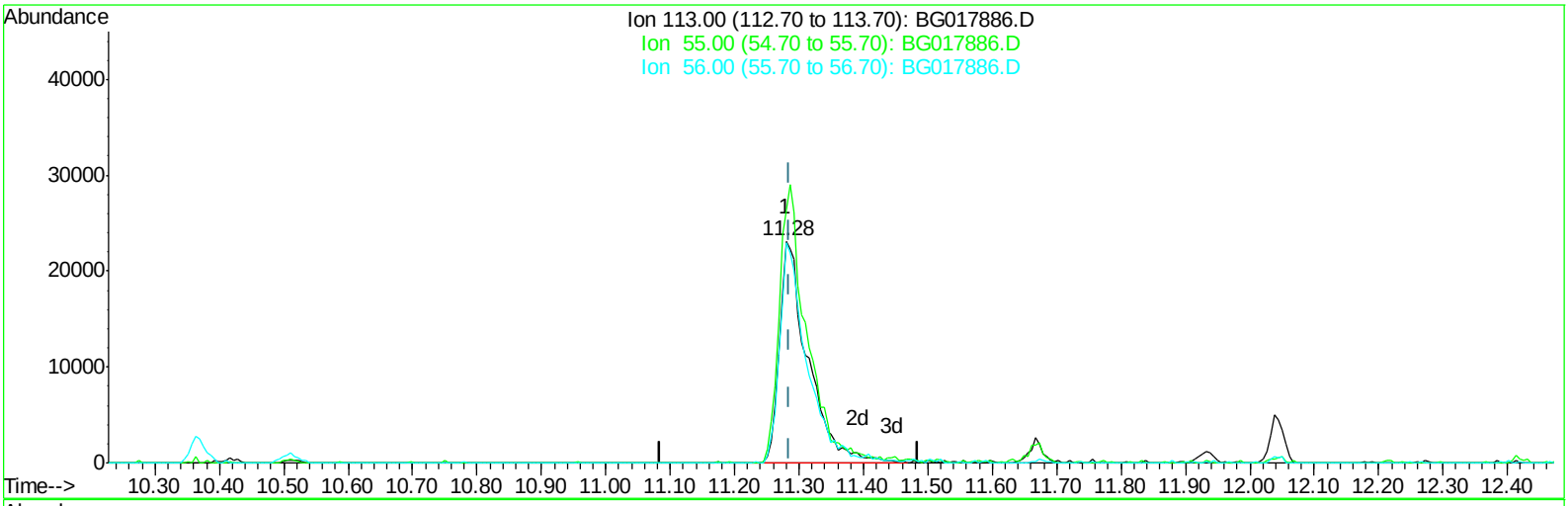

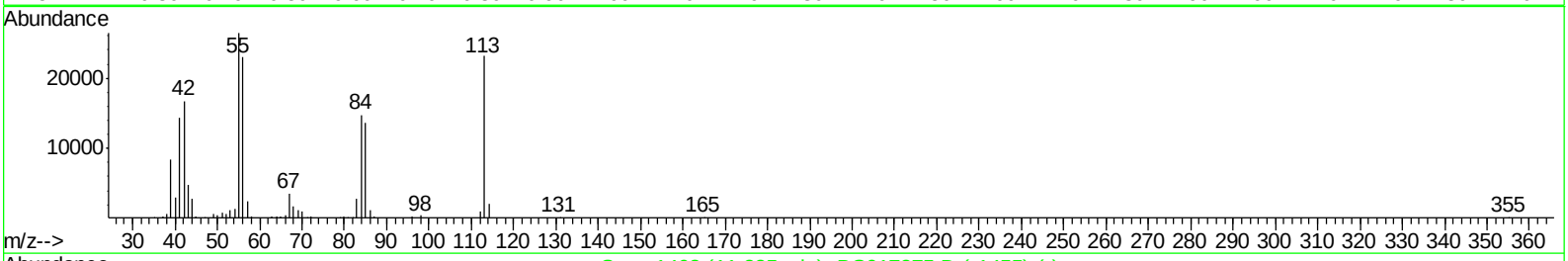

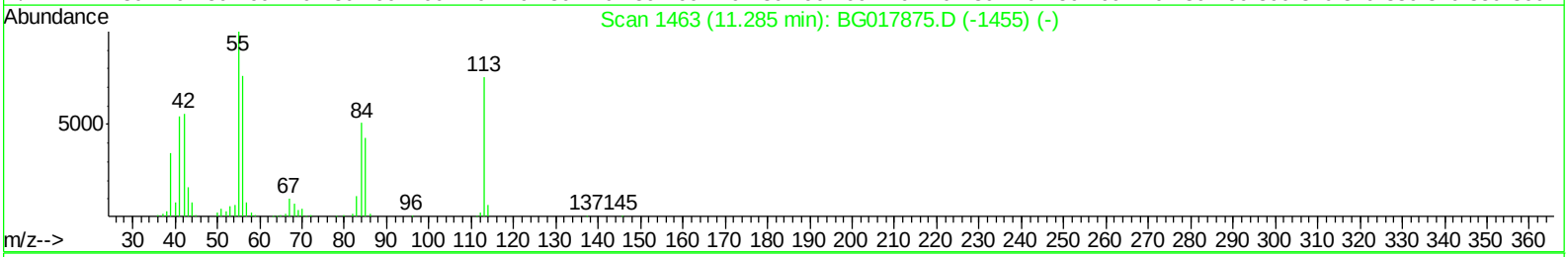

TIC: BG017886.D

(32) Caprolactam

11.280min (-0.006) 20.85ng/ul m

response 71474

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	114.15#
56.00	112.20	99.52
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jul 16 01:48:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	83716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	385859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	232162	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	491208	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	504812	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	455321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	17400	7.44	ng/uL	-0.01
5) Phenol-d5	6.76	99	140246	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	83263	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	111944	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108266	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	55337	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	44836	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	97615	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	147274	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	329616	20.36	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	407574	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	58215	19.06	ng/ul	0.00
57) Fluorene-d10	15.25	176	293588	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	35800	15.58	ng/ul	0.00
70) Anthracene-d10	17.10	188	432732	19.44	ng/ul	0.00
78) Pyrene-d10	19.40	212	465431	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	429755	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	17152	6.85	ng/uL	97
4) Benzaldehyde	6.73	77	63838	15.10	ng/ul	88
6) Phenol	6.79	94	150507	19.01	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.02	93	114846	17.78	ng/ul	97
10) 2-Chlorophenol	7.15	128	111796	19.74	ng/ul	91
11) 2-Methylphenol	8.03	108	109656	19.06	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	152853	16.28	ng/ul	98
14) Acetophenone	8.41	105	175468	19.05	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	98827	17.41	ng/ul	92
16) 4-Methylphenol	8.36	108	121697	19.40	ng/ul	99
17) Hexachloroethane	8.65	117	48649	17.99	ng/ul	97
20) Nitrobenzene	8.78	77	135341	17.04	ng/ul	92
21) Isophorone	9.30	82	273595	18.41	ng/ul	97
23) 2-Nitrophenol	9.49	139	53013	19.74	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	134026	19.52	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	150623	18.03	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	99611	21.30	ng/ul	96
28) Naphthalene	10.42	128	386808	19.37	ng/ul	99
30) 4-Chloroaniline	10.53	127	150080	21.64	ng/ul	99
31) Hexachlorobutadiene	10.70	225	57606	19.54	ng/ul	99
32) Caprolactam	11.28	113	71474m	20.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	119160	20.76	ng/ul#	91
34) 2-Methylnaphthalene	12.04	142	269794	19.92	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	115931	18.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	54197	17.07	ng/ul	94
38) 2,4,6-Trichlorophenol	12.67	196	67681	20.43	ng/ul	89
39) 2,4,5-Trichlorophenol	12.73	196	76358	21.13	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	343106	19.10	ng/ul	93
41) 2-Chloronaphthalene	13.11	162	264373	19.17	ng/ul	96
42) 2-Nitroaniline	13.32	65	68397	16.90	ng/ul	93
44) Dimethylphthalate	13.71	163	333942	19.64	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	62120	20.05	ng/ul	92
47) Acenaphthylene	13.96	152	444025	19.09	ng/ul	99
48) 3-Nitroaniline	14.15	138	64471	18.26	ng/ul	92
49) Acenaphthene	14.31	153	298205	19.06	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	19025	14.57	ng/ul#	83
52) 4-Nitrophenol	14.47	109	47087	18.18	ng/ul	84
53) Dibenzofuran	14.65	168	403134	19.56	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	87875	19.78	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.88	232	61117	21.91	ng/ul	92
56) Diethylphthalate	15.09	149	355606	20.32	ng/ul	99
58) Fluorene	15.30	166	351076	19.62	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	161857	19.47	ng/ul	96
60) 4-Nitroaniline	15.32	138	73324	17.44	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	42302	16.50	ng/ul#	87
64) N-Nitrosodiphenylamine	15.52	169	290855	19.45	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	91645	19.45	ng/ul	88
66) Hexachlorobenzene	16.30	284	97687	19.09	ng/ul	95
67) Atrazine	16.47	200	100895	19.67	ng/ul	97
68) Pentachlorophenol	16.65	266	44161	17.42	ng/ul	88
69) Phenanthrene	17.04	178	524533	19.34	ng/ul	99
71) Anthracene	17.13	178	551381	19.86	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	116432	18.62	ng/uL	97
73) Pentachlorobenzene	14.56	250	115671	19.29	ng/uL	96
74) Carbazole	17.41	167	502052	20.73	ng/ul	99
75) Di-n-butylphthalate	17.98	149	630393	20.75	ng/ul	98
76) Fluoranthene	19.06	202	588252	21.36	ng/ul	97
79) Pyrene	19.43	202	619674	19.94	ng/ul	100
80) Butylbenzylphthalate	20.35	149	252024	20.06	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	143388	18.96	ng/ul	99
82) Benzo(a)anthracene	21.19	228	552557	19.83	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	339391	19.50	ng/ul	98
84) Chrysene	21.23	228	519539	19.42	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	521036	19.53	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	499667	19.89	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	507701	19.61	ng/ul	98
90) Benzo(a)pyrene	23.32	252	491664	19.49	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	529728	19.62	ng/ul	99
92) Dibenzo(a,h)anthracene	25.68	278	451085	19.64	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	440390	19.49	ng/ul	94

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

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