Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017896.D
Acq On : 15 Jul 2015 21:52
Operator : TP/UM
Sample : MDL-02-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 16 02:12:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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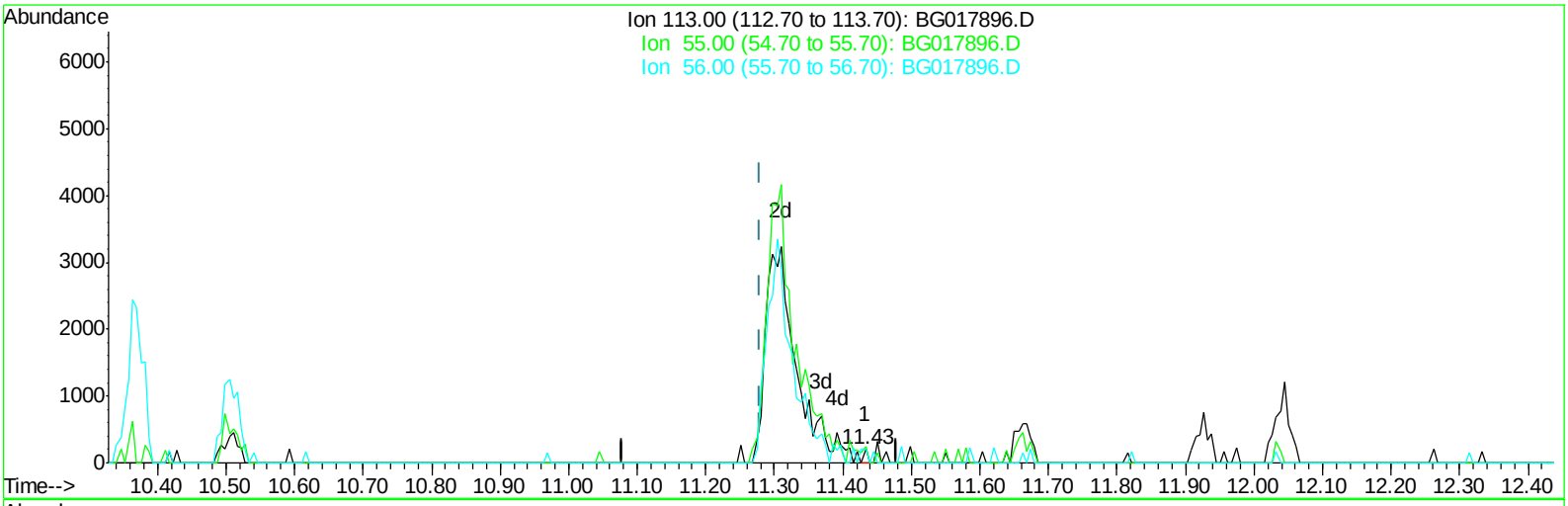

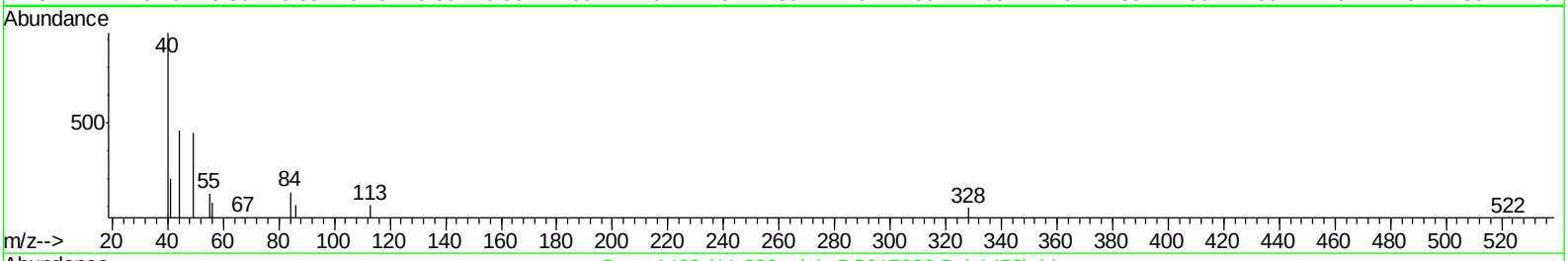

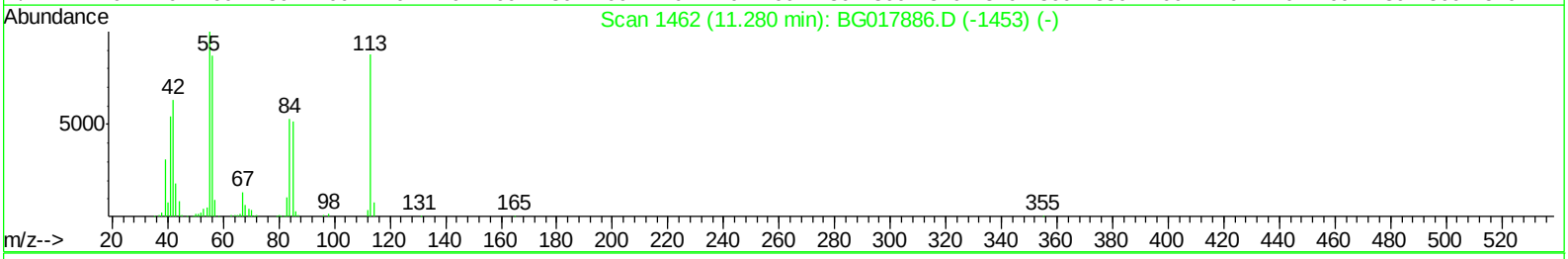

TIC: BG017896.D

(32) Caprolactam

11.433min (+0.153) 0.02ng/ul

response 72

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	120.98
56.00	112.20	104.88
0.00	0.00	0.00

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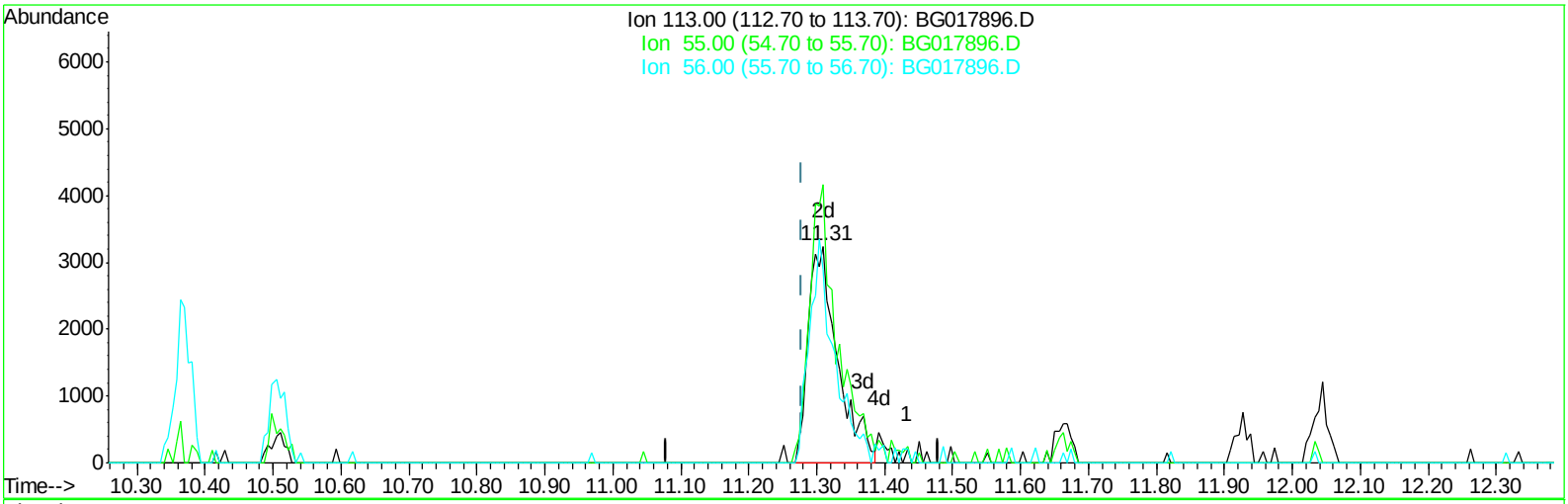

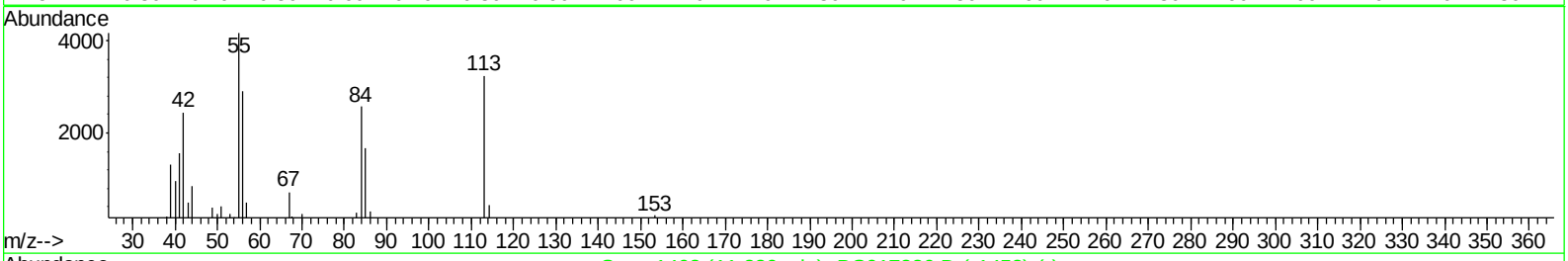

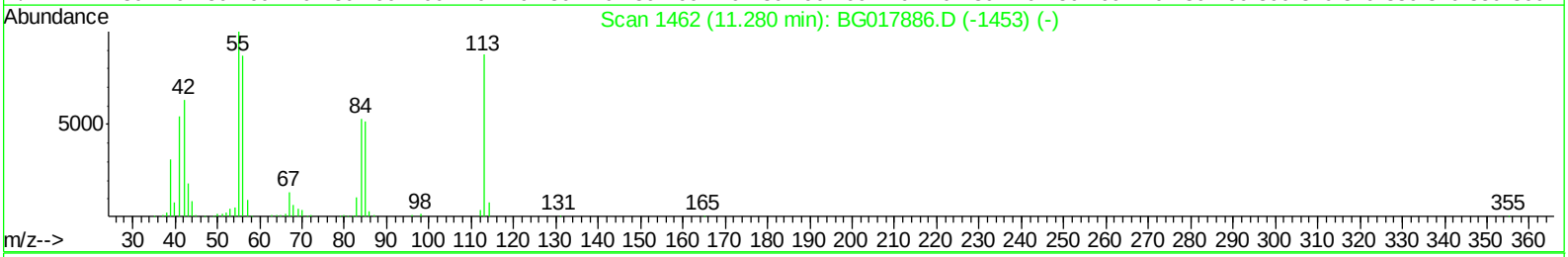

TIC: BG017896.D

(32) Caprolactam

11.310min (+0.030) 3.15ng/ul m

response 9774

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	128.32
56.00	112.20	89.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jul 16 03:34:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	74155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	349712	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	211127	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	456418	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	455839	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	424022	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9204	4.44	ng/uL	0.00
5) Phenol-d5	6.76	99	170184	26.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	106476	24.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	144024	28.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	141477	28.86	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	71523	26.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	64507	31.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	122968	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	220681	36.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	518734	35.24	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	619896	32.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	86557	31.16	ng/ul	0.00
57) Fluorene-d10	15.24	176	471344	34.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	46493	21.77	ng/ul	0.00
70) Anthracene-d10	17.10	188	730747	35.33	ng/ul	0.00
78) Pyrene-d10	19.40	212	805566	37.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	725744	34.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1844	0.83	ng/uL	86
4) Benzaldehyde	6.73	77	22699	6.06	ng/ul	84
6) Phenol	6.79	94	32021	4.57	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	26151	4.57	ng/ul	93
10) 2-Chlorophenol	7.15	128	25679	5.12	ng/ul	93
11) 2-Methylphenol	8.03	108	22906	4.49	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.13	45	32938	3.96	ng/ul	97
14) Acetophenone	8.40	105	39418	4.83	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.39	70	20870	4.15	ng/ul	89
16) 4-Methylphenol	8.35	108	27198	4.90	ng/ul	98
17) Hexachloroethane	8.65	117	10579	4.42	ng/ul	95
20) Nitrobenzene	8.78	77	27107	3.77	ng/ul	91
21) Isophorone	9.30	82	59613	4.43	ng/ul#	95
23) 2-Nitrophenol	9.49	139	12457	5.12	ng/ul#	79
24) 2,4-Dimethylphenol	9.55	107	29072	4.67	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	32615	4.31	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	21860	5.16	ng/ul	97
28) Naphthalene	10.42	128	93331	5.16	ng/ul	97
30) 4-Chloroaniline	10.53	127	34543	5.50	ng/ul	98
31) Hexachlorobutadiene	10.70	225	13697	5.13	ng/ul#	91
32) Caprolactam	11.31	113	9774m	3.15	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	23666	4.55	ng/ul#	93
34) 2-Methylnaphthalene	12.04	142	65024	5.30	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	27599	4.97	ng/ul#	96
37) Hexachlorocyclopentadiene	12.39	237	10881	3.77	ng/ul#	88
38) 2,4,6-Trichlorophenol	12.66	196	13537	4.49	ng/ul#	81
39) 2,4,5-Trichlorophenol	12.73	196	16696	5.08	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	86295	5.28	ng/ul#	91
41) 2-Chloronaphthalene	13.11	162	65038	5.19	ng/ul	96
42) 2-Nitroaniline	13.32	65	12962	3.52	ng/ul#	81
44) Dimethylphthalate	13.71	163	94479	6.11	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	12608	4.48	ng/ul	99
47) Acenaphthylene	13.96	152	113717	5.38	ng/ul	99
48) 3-Nitroaniline	14.15	138	15717	4.89	ng/ul#	91
49) Acenaphthene	14.31	153	73799	5.19	ng/ul	91
50) 2,4-Dinitrophenol	14.36	184	2193	1.85	ng/ul#	79
52) 4-Nitrophenol	14.46	109	11777	5.00	ng/ul	85
53) Dibenzofuran	14.65	168	106152	5.66	ng/ul	93
54) 2,4-Dinitrotoluene	14.62	165	19966	4.94	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.88	232	13789	5.44	ng/ul#	92
56) Diethylphthalate	15.08	149	97176	6.11	ng/ul	96
58) Fluorene	15.30	166	91328	5.61	ng/ul	90
59) 4-Chlorophenyl-phenylether	15.30	204	42870	5.67	ng/ul	90
60) 4-Nitroaniline	15.32	138	19850	5.19	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.38	198	8512	3.57	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	77898	5.60	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	25365	5.79	ng/ul	95
66) Hexachlorobenzene	16.30	284	28813	6.06	ng/ul#	87
67) Atrazine	16.47	200	26518	5.56	ng/ul	98
68) Pentachlorophenol	16.65	266	7975	3.39	ng/ul#	82
69) Phenanthrene	17.04	178	154686	6.14	ng/ul	98
71) Anthracene	17.13	178	156093	6.05	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	28022	4.82	ng/uL	96
73) Pentachlorobenzene	14.56	250	33822	6.07	ng/uL	88
74) Carbazole	17.40	167	138116	6.14	ng/ul	96
75) Di-n-butylphthalate	17.98	149	160678	5.69	ng/ul#	94
76) Fluoranthene	19.07	202	166809	6.52	ng/ul	95
79) Pyrene	19.43	202	186665	6.65	ng/ul	98
80) Butylbenzylphthalate	20.35	149	56720	5.00	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.12	252	32176	4.71	ng/ul	97
82) Benzo(a)anthracene	21.18	228	155739	6.19	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	83280	5.30	ng/ul	96
84) Chrysene	21.23	228	147673	6.11	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	117361	4.72	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	136219	5.82	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	145710	6.04	ng/ul	98
90) Benzo(a)pyrene	23.32	252	149722	6.37	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.65	276	144940	5.76	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	127527	5.96	ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	126627	6.02	ng/ul	99

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

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