Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017888.D
Acq On : 15 Jul 2015 16:36
Operator : TP/UM
Sample : MDL-01-S-ML
Misc : MDL-SOIL-SVOC-BLK-MED LEVEL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 16 02:17:50 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-01-S-ML

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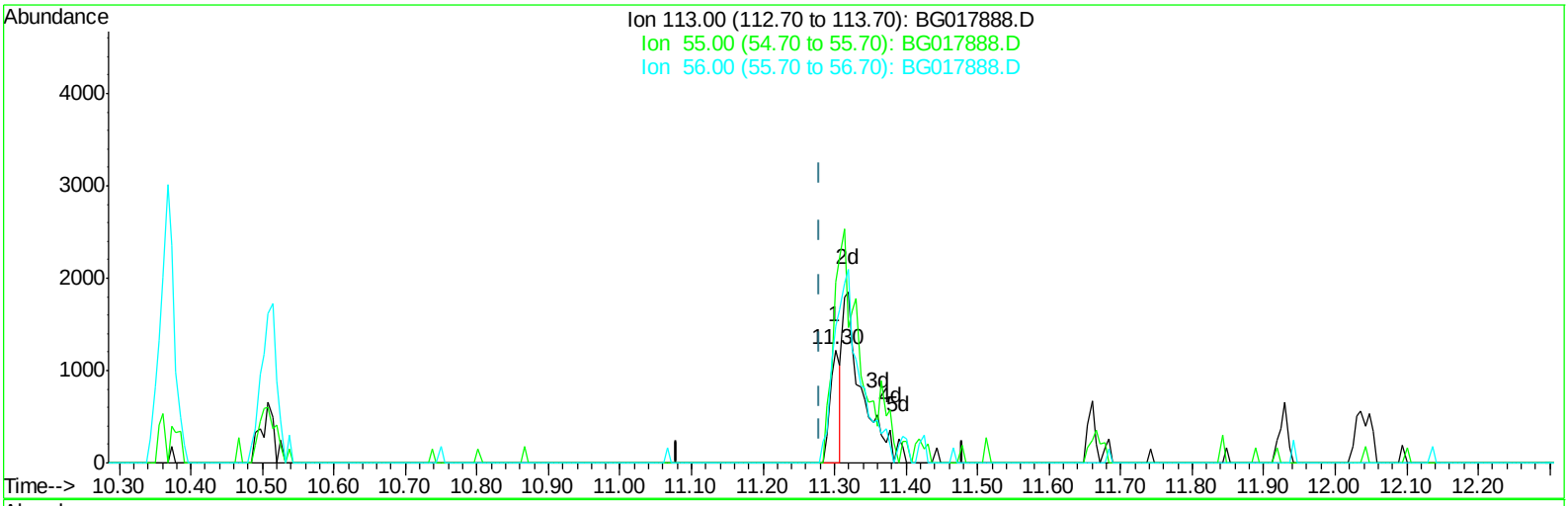

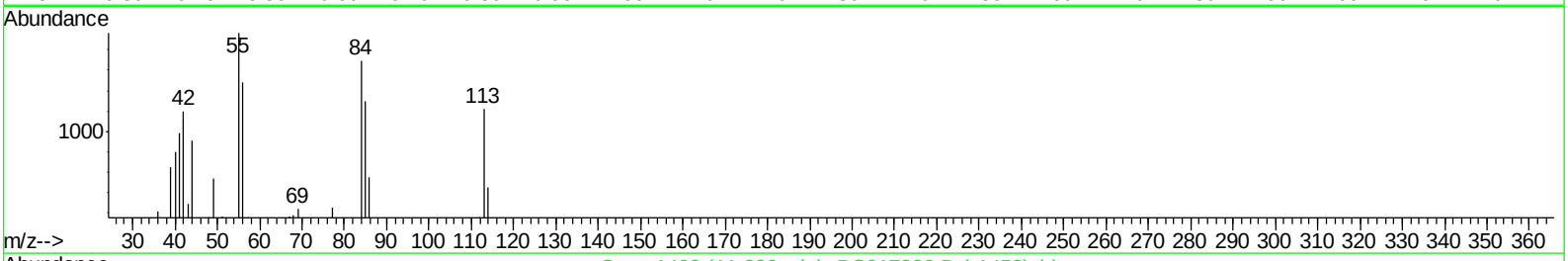

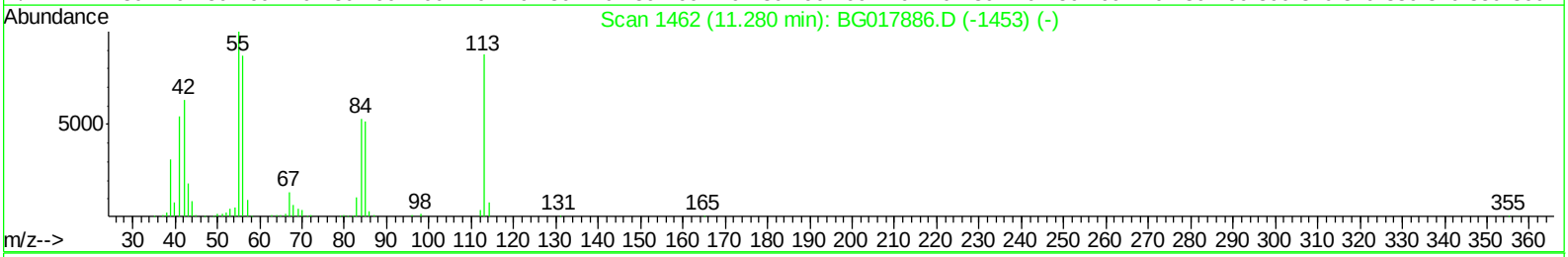

TIC: BG017888.D

(32) Caprolactam

11.301min (+0.022) 0.37ng/ul

response 1238

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	160.28
56.00	112.20	121.13
0.00	0.00	0.00

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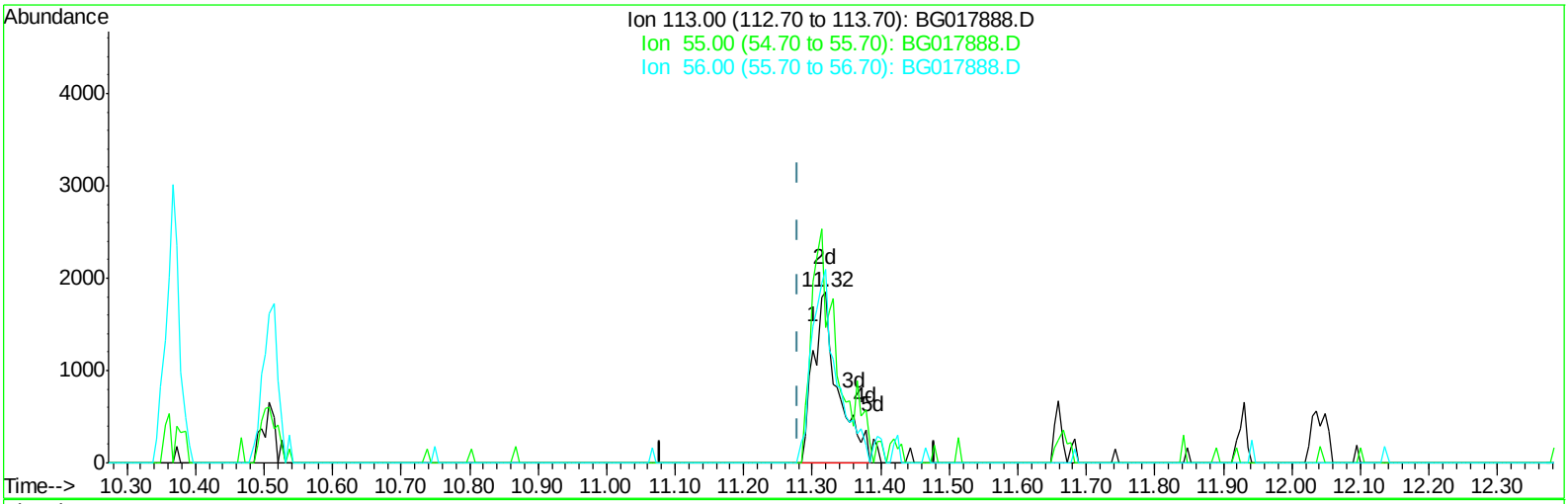

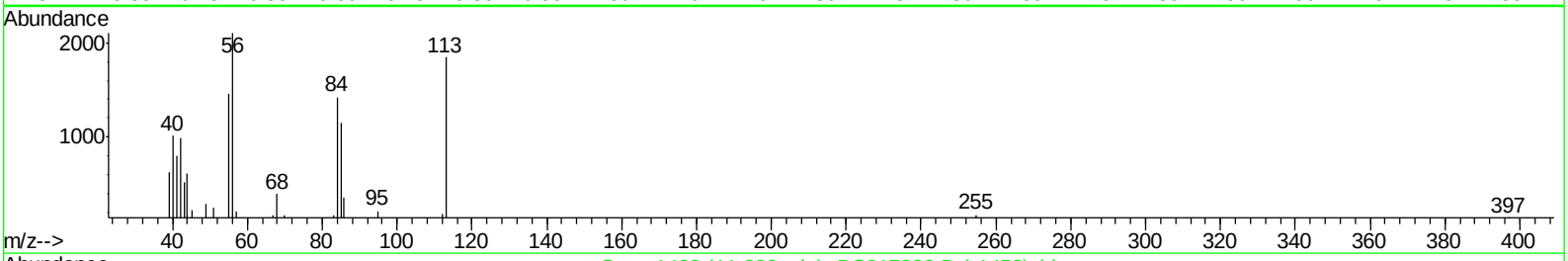

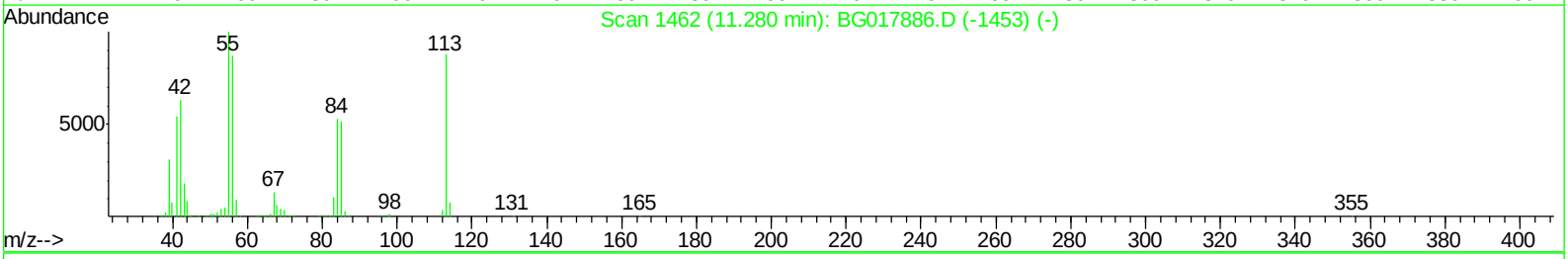

TIC: BG017888.D

(32) Caprolactam

11.319min (+0.039) 1.37ng/ul m

response 4625

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	79.05#
56.00	112.20	113.75
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 02:22:49 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	7.59	152	82137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	380405	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	235938	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	497638	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	502170	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	487422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12142	5.29	ng/uL	0.00
5) Phenol-d5	6.77	99	205545	29.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	127570	26.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	170496	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	168399	31.01	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	85490	28.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	71268	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	146977	32.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	261286	39.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	546588	33.23	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	687870	32.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	91054	29.33	ng/ul	0.00
57) Fluorene-d10	15.24	176	509208	33.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	42461	18.24	ng/ul	0.00
70) Anthracene-d10	17.09	188	762807	33.83	ng/ul	0.00
78) Pyrene-d10	19.40	212	865348	36.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	788858	33.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2147	0.87	ng/uL#	62
4) Benzaldehyde	6.74	77	14762	3.56	ng/ul	94
6) Phenol	6.79	94	21049	2.71	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.02	93	16873	2.66	ng/ul#	96
10) 2-Chlorophenol	7.15	128	15810	2.84	ng/ul	90
11) 2-Methylphenol	8.03	108	13478	2.39	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22261	2.42	ng/ul#	89
14) Acetophenone	8.40	105	25034	2.77	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	13628	2.45	ng/ul#	89
16) 4-Methylphenol	8.36	108	17396	2.83	ng/ul	98
17) Hexachloroethane	8.66	117	7021	2.65	ng/ul	98
20) Nitrobenzene	8.77	77	18758	2.40	ng/ul#	96
21) Isophorone	9.30	82	38972	2.66	ng/ul	98
23) 2-Nitrophenol	9.49	139	7704	2.91	ng/ul	91
24) 2,4-Dimethylphenol	9.56	107	17326	2.56	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	22323	2.71	ng/ul	95
27) 2,4-Dichlorophenol	10.02	162	13684	2.97	ng/ul	88
28) Naphthalene	10.42	128	56418	2.87	ng/ul	99
30) 4-Chloroaniline	10.53	127	22642	3.31	ng/ul#	85
31) Hexachlorobutadiene	10.71	225	8651	2.98	ng/ul	95
32) Caprolactam	11.32	113	4625m	1.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	14569	2.57	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	39659	2.97	ng/ul	97

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Quant Time: Jul 16 02:22:49 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)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	17636	2.84 ng/ul#	92
37) Hexachlorocyclopentadiene	12.40	237	6328	1.96 ng/ul	89
38) 2,4,6-Trichlorophenol	12.66	196	8429	2.50 ng/ul	93
39) 2,4,5-Trichlorophenol	12.73	196	9751	2.66 ng/ul	94
40) 1,1'-Biphenyl	13.07	154	51111	2.80 ng/ul	96
41) 2-Chloronaphthalene	13.11	162	39723	2.83 ng/ul#	94
42) 2-Nitroaniline	13.32	65	7905	1.92 ng/ul	90
44) Dimethylphthalate	13.70	163	54941	3.18 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	6738	2.14 ng/ul	94
47) Acenaphthylene	13.96	152	70787	2.99 ng/ul	97
48) 3-Nitroaniline	14.15	138	8560	2.39 ng/ul#	83
49) Acenaphthene	14.30	153	45346	2.85 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	1105	0.83 ng/ul#	69
52) 4-Nitrophenol	14.46	109	6607	2.51 ng/ul	87
53) Dibenzofuran	14.64	168	64911	3.10 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	11042	2.45 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.87	232	6935	2.45 ng/ul#	84
56) Diethylphthalate	15.09	149	54221	3.05 ng/ul	99
58) Fluorene	15.30	166	54927	3.02 ng/ul	91
59) 4-Chlorophenyl-phenylether	15.30	204	24891	2.95 ng/ul	97
60) 4-Nitroaniline	15.31	138	10557	2.47 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.38	198	5245	2.02 ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	43108	2.84 ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	14338	3.00 ng/ul#	88
66) Hexachlorobenzene	16.30	284	16950	3.27 ng/ul#	89
67) Atrazine	16.47	200	14082	2.71 ng/ul	94
68) Pentachlorophenol	16.65	266	3412	1.33 ng/ul	98
69) Phenanthrene	17.04	178	85242	3.10 ng/ul	99
71) Anthracene	17.13	178	89233	3.17 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	16432	2.59 ng/uL	98
73) Pentachlorobenzene	14.56	250	19750	3.25 ng/uL	95
74) Carbazole	17.40	167	77290	3.15 ng/ul	99
75) Di-n-butylphthalate	17.98	149	88725	2.88 ng/ul#	94
76) Fluoranthene	19.06	202	92914	3.33 ng/ul	96
79) Pyrene	19.43	202	108620	3.51 ng/ul	95
80) Butylbenzylphthalate	20.35	149	30901	2.47 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	16816	2.23 ng/ul	95
82) Benzo(a)anthracene	21.18	228	90137	3.25 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.13	149	39687	2.29 ng/ul	96
84) Chrysene	21.23	228	89891	3.38 ng/ul	97
86) Di-n-octyl phthalate	22.00	149	54529	1.91 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	81757	3.04 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	77570	2.80 ng/ul	97
90) Benzo(a)pyrene	23.32	252	86899	3.22 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.66	276	81871	2.83 ng/ul	94
92) Dibenzo(a,h)anthracene	25.67	278	66830	2.72 ng/ul	95
93) Benzo(g,h,i)perylene	26.34	276	71092	2.94 ng/ul	97

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

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