Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017889.D
Acq On : 15 Jul 2015 17:12
Operator : TP/UM
Sample : MDL-02-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 16 01:51:55 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-S-ML

Manual Integrations APPROVED
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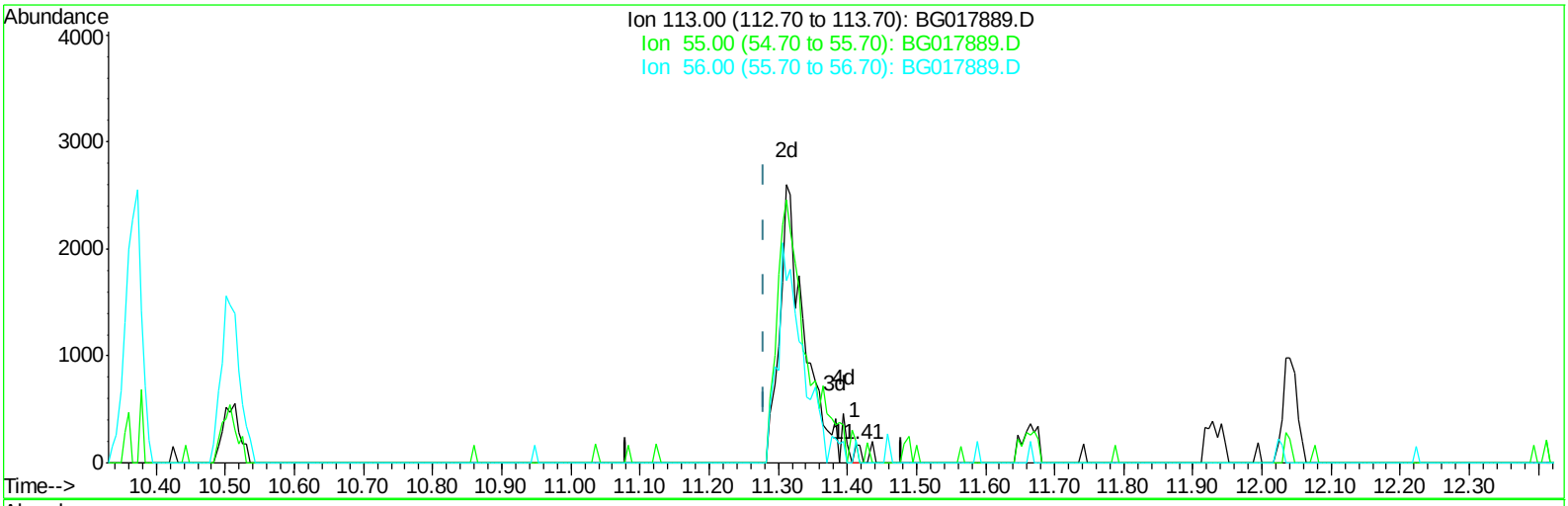

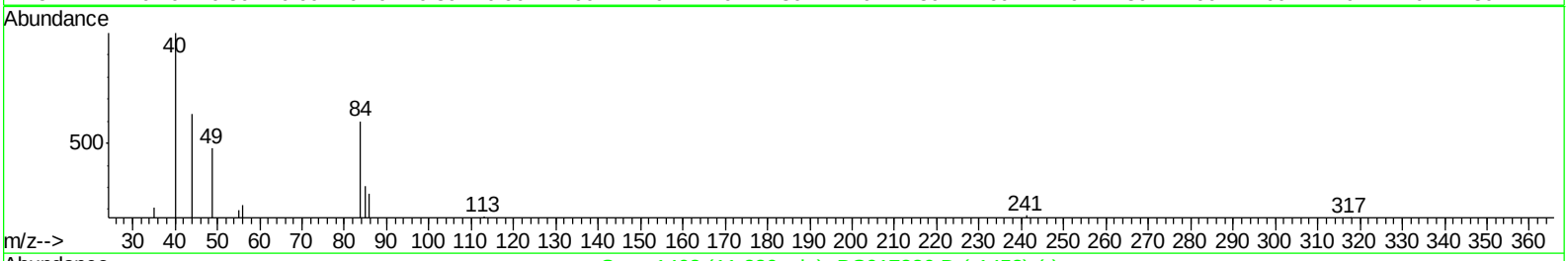

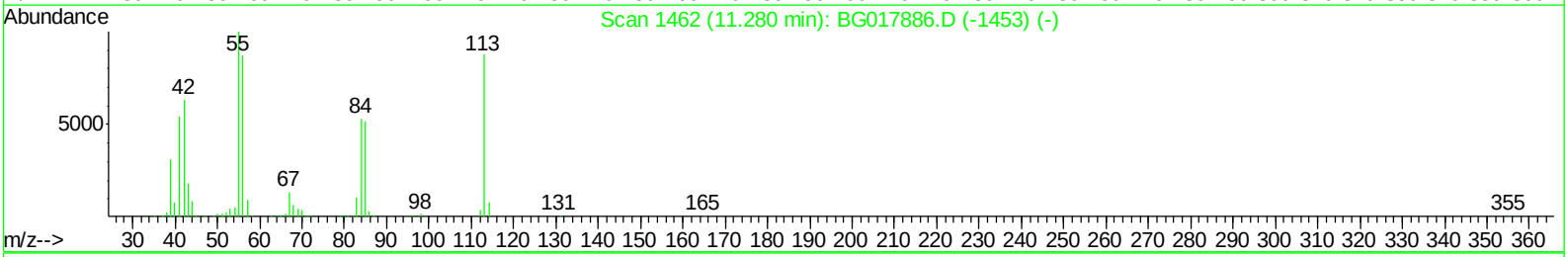

TIC: BG017889.D

(32) Caprolactam

11.412min (+0.132) 0.03ng/ul

response 117

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	118.67
56.00	112.20	130.72
0.00	0.00	0.00

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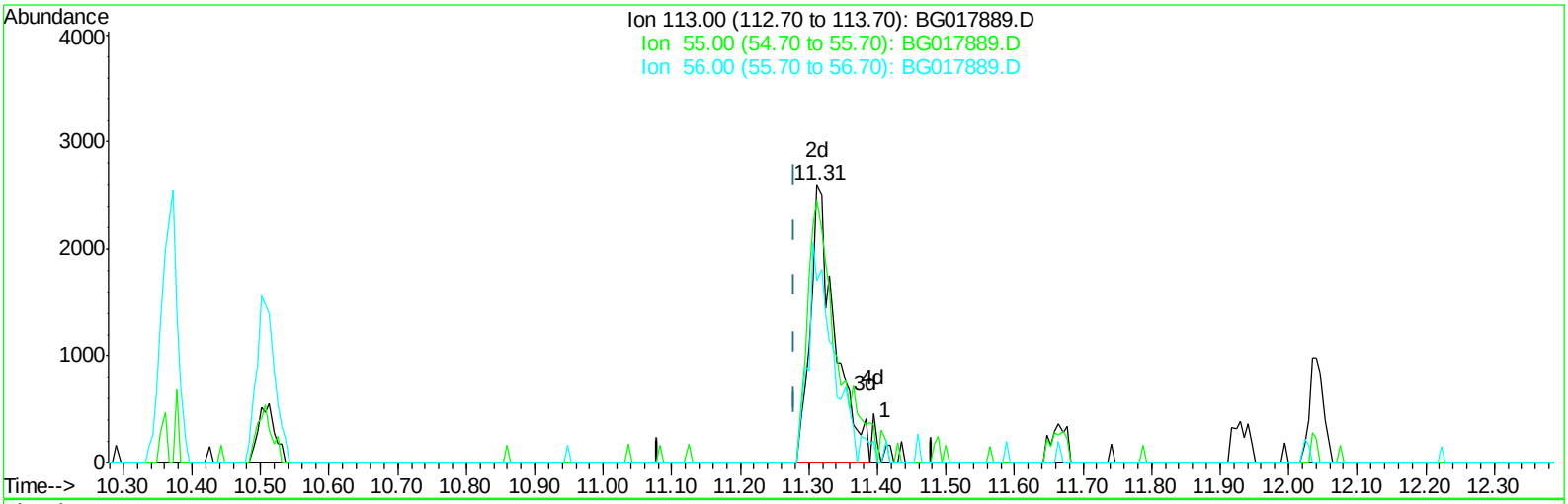

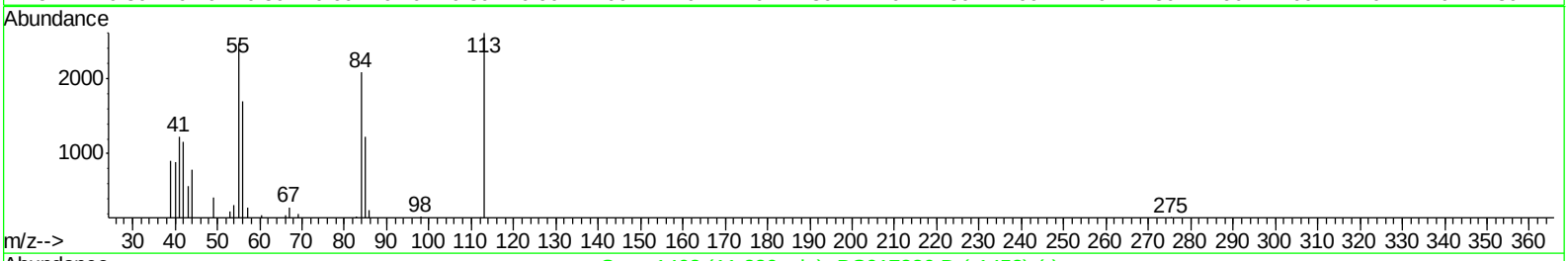

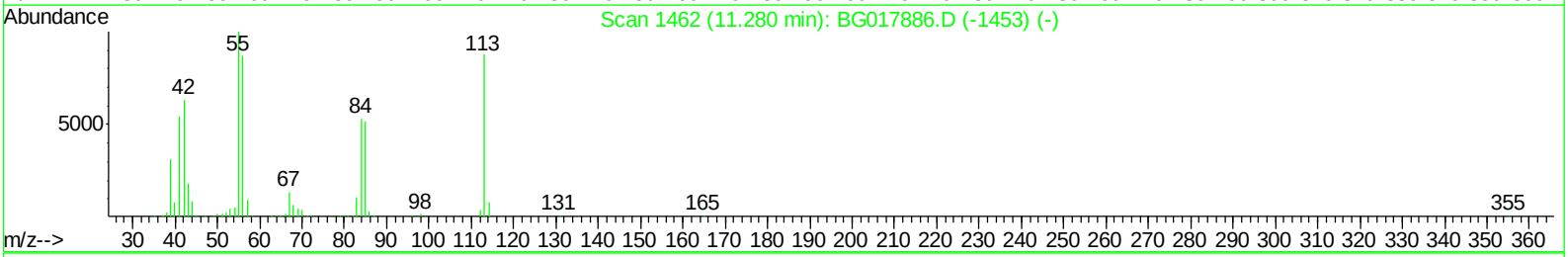

TIC: BG017889.D

(32) Caprolactam

11.312min (+0.033) 1.85ng/ul m

response 6436

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	94.62#
56.00	112.20	65.32#
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : MDL-02-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 02:25:14 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	84051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	392580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	236228	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	500214	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	506127	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	480282	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	13286	5.66	ng/uL	0.00
5) Phenol-d5	6.76	99	222719	30.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	142025	28.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	190038	33.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	183155	32.96	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	91956	30.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	81161	35.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	161646	34.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	281003	41.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	587837	35.69	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	735355	34.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	96874	31.17	ng/ul	0.00
57) Fluorene-d10	15.24	176	541951	35.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	46589	19.91	ng/ul	0.00
70) Anthracene-d10	17.10	188	810762	35.77	ng/ul	0.00
78) Pyrene-d10	19.40	212	913007	38.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	815318	34.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	1304	0.52	ng/uL#	76
4) Benzaldehyde	6.74	77	15829	3.73	ng/ul	87
6) Phenol	6.79	94	23029	2.90	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.02	93	19994	3.08	ng/ul	97
10) 2-Chlorophenol	7.15	128	17850	3.14	ng/ul	98
11) 2-Methylphenol	8.03	108	15298	2.65	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.13	45	23779	2.52	ng/ul	98
14) Acetophenone	8.40	105	27995	3.03	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.39	70	15060	2.64	ng/ul#	85
16) 4-Methylphenol	8.36	108	17615	2.80	ng/ul	96
17) Hexachloroethane	8.66	117	7242	2.67	ng/ul	96
20) Nitrobenzene	8.78	77	20224	2.50	ng/ul	94
21) Isophorone	9.30	82	39980	2.64	ng/ul	96
23) 2-Nitrophenol	9.48	139	8656	3.17	ng/ul	90
24) 2,4-Dimethylphenol	9.55	107	20368	2.92	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	22888	2.69	ng/ul	94
27) 2,4-Dichlorophenol	10.02	162	15210	3.20	ng/ul#	81
28) Naphthalene	10.42	128	62084	3.06	ng/ul	98
30) 4-Chloroaniline	10.53	127	24213	3.43	ng/ul	100
31) Hexachlorobutadiene	10.71	225	9926	3.31	ng/ul	100
32) Caprolactam	11.31	113	6436m	1.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	14604	2.50	ng/ul#	81
34) 2-Methylnaphthalene	12.04	142	44399	3.22	ng/ul	100

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Quant Time: Jul 16 02:25:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
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	19566	3.15 ng/ul#	86
37) Hexachlorocyclopentadiene	12.40	237	7090	2.19 ng/ul#	80
38) 2,4,6-Trichlorophenol	12.66	196	9131	2.71 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	9869	2.68 ng/ul	97
40) 1,1'-Biphenyl	13.07	154	57539	3.15 ng/ul#	90
41) 2-Chloronaphthalene	13.10	162	43896	3.13 ng/ul	98
42) 2-Nitroaniline	13.32	65	8261	2.01 ng/ul	93
44) Dimethylphthalate	13.71	163	57652	3.33 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	7218	2.29 ng/ul	88
47) Acenaphthylene	13.96	152	76335	3.23 ng/ul	98
48) 3-Nitroaniline	14.15	138	8402	2.34 ng/ul	97
49) Acenaphthene	14.31	153	49624	3.12 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	1070	0.81 ng/ul#	63
52) 4-Nitrophenol	14.46	109	6873	2.61 ng/ul	96
53) Dibenzofuran	14.64	168	68946	3.29 ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	11145	2.47 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.88	232	8079	2.85 ng/ul#	79
56) Diethylphthalate	15.08	149	57268	3.22 ng/ul	97
58) Fluorene	15.30	166	57652	3.17 ng/ul	92
59) 4-Chlorophenyl-phenylether	15.30	204	25912	3.06 ng/ul	95
60) 4-Nitroaniline	15.32	138	11075	2.59 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	4643	1.78 ng/ul#	94
64) N-Nitrosodiphenylamine	15.51	169	48618	3.19 ng/ul	96
65) 4-Bromophenyl-phenylether	16.19	248	15090	3.14 ng/ul	88
66) Hexachlorobenzene	16.30	284	16423	3.15 ng/ul	93
67) Atrazine	16.47	200	15456	2.96 ng/ul	99
68) Pentachlorophenol	16.65	266	4472	1.73 ng/ul	94
69) Phenanthrene	17.04	178	91901	3.33 ng/ul	98
71) Anthracene	17.13	178	96276	3.40 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	18073	2.84 ng/uL	96
73) Pentachlorobenzene	14.57	250	21562	3.53 ng/uL	93
74) Carbazole	17.40	167	81859	3.32 ng/ul	99
75) Di-n-butylphthalate	17.98	149	93951	3.04 ng/ul	97
76) Fluoranthene	19.07	202	98047	3.50 ng/ul	97
79) Pyrene	19.43	202	112775	3.62 ng/ul	98
80) Butylbenzylphthalate	20.35	149	31744	2.52 ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.12	252	16987	2.24 ng/ul#	92
82) Benzo(a)anthracene	21.18	228	94877	3.40 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	41703	2.39 ng/ul#	99
84) Chrysene	21.24	228	92826	3.46 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	62339	2.22 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	86260	3.25 ng/ul	96
88) Benzo(k)fluoranthene	22.80	252	83326	3.05 ng/ul#	91
90) Benzo(a)pyrene	23.33	252	85792	3.22 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.67	276	90272	3.17 ng/ul#	88
92) Dibenzo(a,h)anthracene	25.69	278	69590	2.87 ng/ul	97
93) Benzo(g,h,i)perylene	26.36	276	75403	3.16 ng/ul	93

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

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