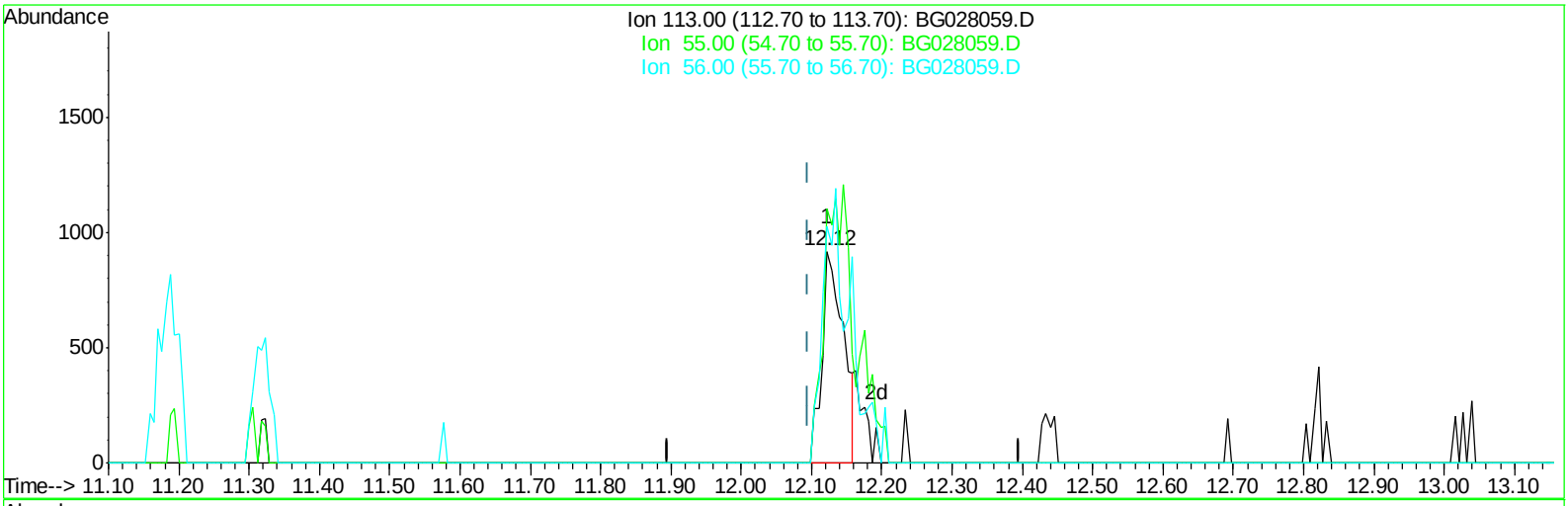
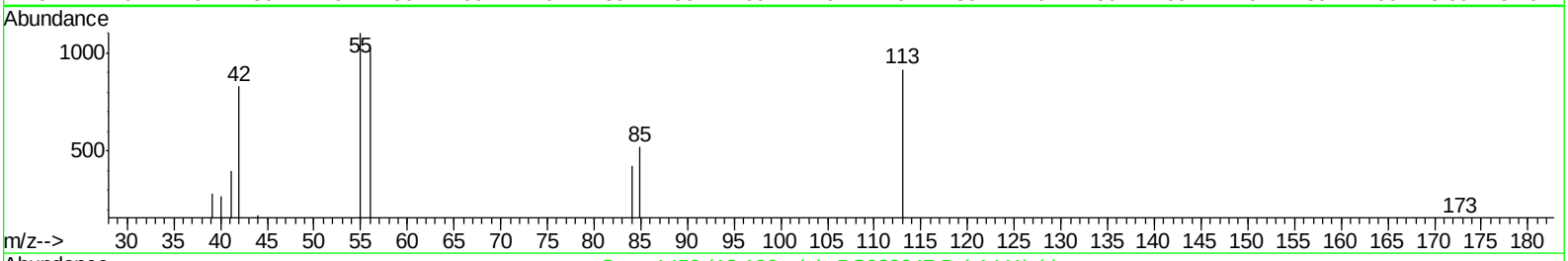
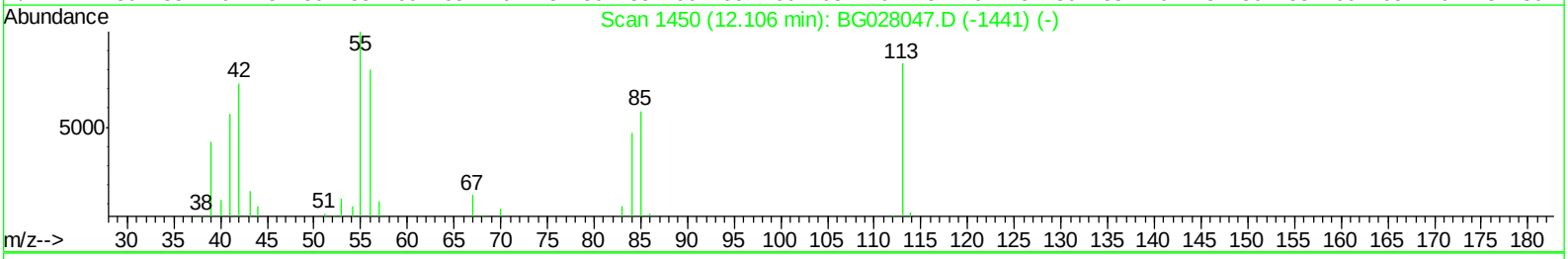
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028059.D
Acq On : 28 Jul 2017 16:47
Operator : SJ/JU
Sample : MDL-S-ML-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 28 18:32:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration







TIC: BG028059.D

(32) Caprolactam

12.122min (+0.026) 2.47ng/ul

response 1917

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	120.04#
56.00	115.90	111.87
0.00	0.00	0.00

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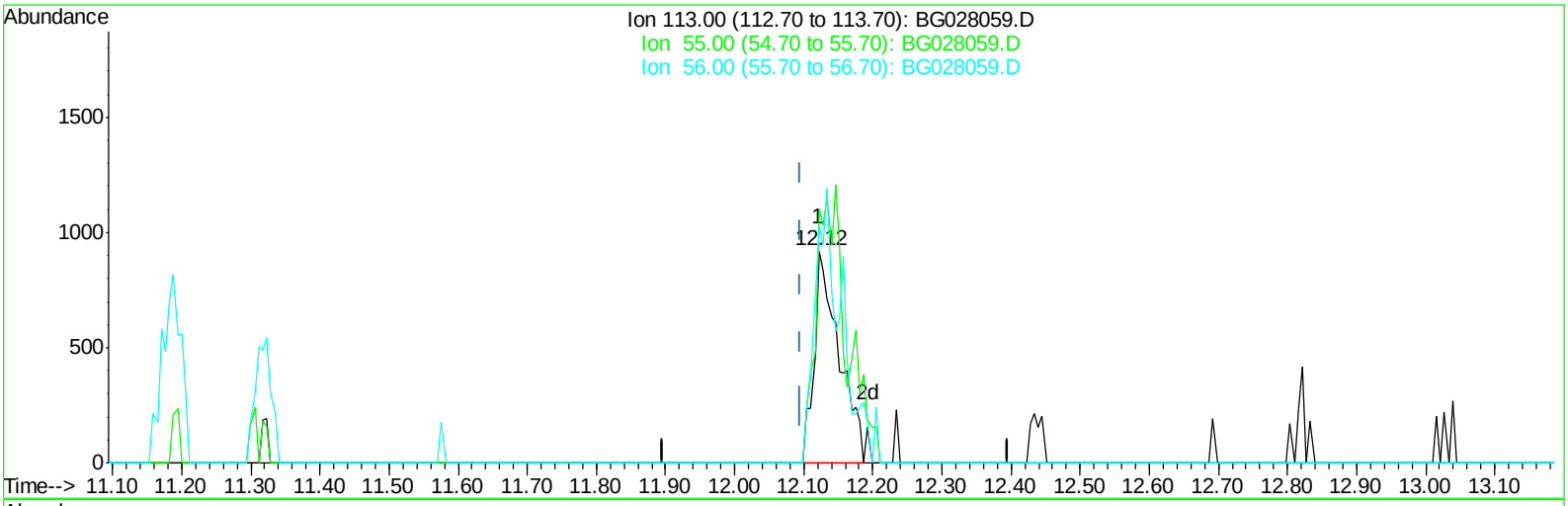

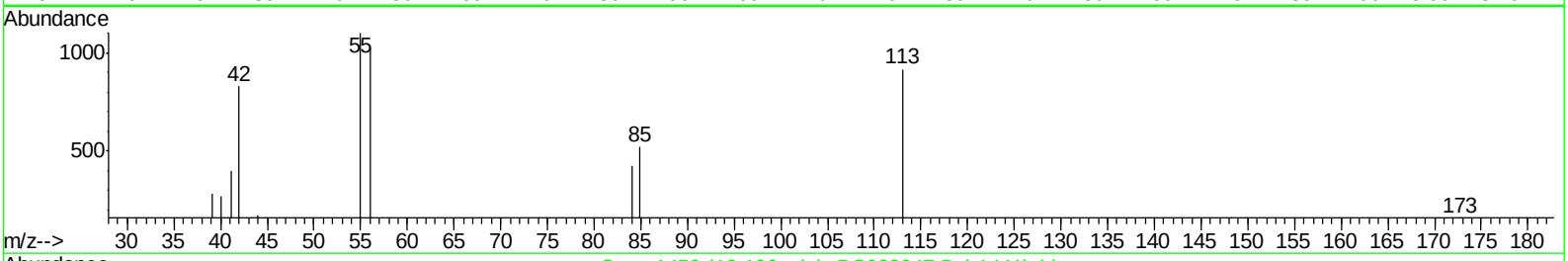

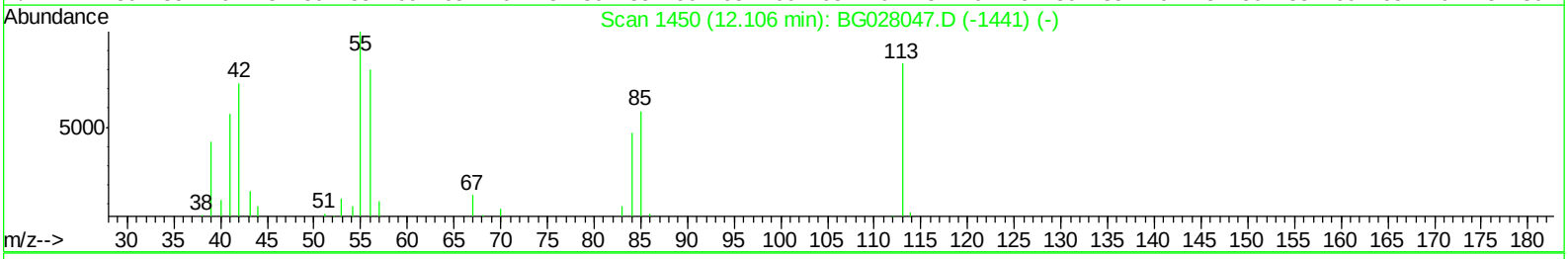

TIC: BG028059.D

(32) Caprolactam

12.122min (+0.026) 2.95ng/ul m

response 2287

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	120.04#
56.00	115.90	111.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028059.D
Acq On : 28 Jul 2017 16:47
Operator : SJ/JU
Sample : MDL-S-ML-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 28 18:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	32359	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	144897	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	115272	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	335839	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	444557	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442192	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	3213	6.43	ng/uL	0.00
5) Phenol-d5	7.51	99	72878	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	39298	32.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	67453	32.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	66028	30.26	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	33686	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	42431	32.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	80236	31.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	94150	36.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.37	166	357713	34.29	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	366443	32.47	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	44847	28.62	ng/ul	0.00
58) Fluorene-d10	15.96	176	315938	32.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.08	200	70115	29.32	ng/ul	0.00
71) Anthracene-d10	17.82	188	536421	33.35	ng/ul	0.00
79) Pyrene-d10	20.10	212	670545	33.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	674226	33.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	862	1.610	ng/uL#	86
4) Benzaldehyde	7.51	77	1135	0.938	ng/ul#	50
6) Phenol	7.54	94	8138	3.433	ng/ul#	95
8) Bis(2-Chloroethyl)ether	7.77	93	6525	3.889	ng/ul	99
10) 2-Chlorophenol	7.93	128	7087	3.734	ng/ul	93
11) 2-Methylphenol	8.79	108	6020	3.257	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7586	3.444	ng/ul#	93
14) Acetophenone	9.19	105	11987	3.781	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.16	70	5511	3.703	ng/ul#	96
16) 4-Methylphenol	9.13	108	7310	3.565	ng/ul	100
17) Hexachloroethane	9.46	117	2798	3.685	ng/ul	88
20) Nitrobenzene	9.58	77	8679	3.991	ng/ul#	80
21) Isophorone	10.09	82	15787	3.799	ng/ul	95
23) 2-Nitrophenol	10.28	139	5350	4.304	ng/ul#	89
24) 2,4-Dimethylphenol	10.34	107	9074	3.650	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.57	93	9004	3.729	ng/ul#	96
27) 2,4-Dichlorophenol	10.83	162	9326	3.855	ng/ul#	92
28) Naphthalene	11.24	128	25569	3.910	ng/ul	98
30) 4-Chloroaniline	11.35	127	7166	2.941	ng/ul	92
31) Hexachlorobutadiene	11.51	225	8116	3.878	ng/ul#	88
32) Caprolactam	12.12	113	2287m	2.946	ng/ul	
33) 4-Chloro-3-methylphenol	12.43	107	8252	3.501	ng/ul	91
34) 2-Methylnaphthalene	12.82	142	21438	3.798	ng/ul	97

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	21088	3.853 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16348	3.681 ng/ul#	94
38) Hexachlorocyclopentadiene	13.16	237	6827	2.622 ng/ul#	83
39) 2,4,6-Trichlorophenol	13.41	196	8520	3.214 ng/ul	96
40) 2,4,5-Trichlorophenol	13.49	196	9589	3.405 ng/ul	97
41) 1,1'-Biphenyl	13.81	154	32692	3.902 ng/ul#	88
42) 2-Chloronaphthalene	13.86	162	25546	3.780 ng/ul	96
43) 2-Nitroaniline	14.06	65	4865	3.055 ng/ul#	77
45) Dimethylphthalate	14.41	163	38468	4.025 ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	6563	3.421 ng/ul	89
48) Acenaphthylene	14.70	152	41659	3.895 ng/ul	95
49) 3-Nitroaniline	14.88	138	5033	3.157 ng/ul#	92
50) Acenaphthene	15.04	153	27216	3.716 ng/ul	98
51) 2,4-Dinitrophenol	15.09	184	2543	2.077 ng/ul	91
53) 4-Nitrophenol	15.17	109	4475	3.511 ng/ul	87
54) Dibenzofuran	15.37	168	43605	3.916 ng/ul	93
55) 2,4-Dinitrotoluene	15.32	165	10844	3.785 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.59	232	9232	3.079 ng/ul	95
57) Diethylphthalate	15.77	149	36800	3.668 ng/ul	99
59) Fluorene	16.02	166	37428	3.874 ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	22336	3.870 ng/ul	98
61) 4-Nitroaniline	16.04	138	6682	3.528 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	16.08	198	8816	3.847 ng/ul#	76
65) N-Nitrosodiphenylamine	16.21	169	31970	3.771 ng/ul	92
66) 4-Bromophenyl-phenylether	16.90	248	16027	3.711 ng/ul#	87
67) Hexachlorobenzene	17.02	284	18996	3.868 ng/ul#	91
68) Atrazine	17.15	200	13172	3.257 ng/ul#	84
69) Pentachlorophenol	17.37	266	6524	2.545 ng/ul#	88
70) Phenanthrene	17.76	178	64788	3.880 ng/ul	96
72) Anthracene	17.86	178	67499	3.883 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	17646	3.767 ng/uL	96
74) Pentachlorobenzene	15.29	250	26290	3.777 ng/uL	96
75) Carbazole	18.13	167	52648	3.698 ng/ul	97
76) Di-n-butylphthalate	18.65	149	57391	3.631 ng/ul	99
77) Fluoranthene	19.76	202	85510	4.007 ng/ul#	93
80) Pyrene	20.12	202	92202	3.996 ng/ul#	93
81) Butylbenzylphthalate	20.99	149	23170	3.379 ng/ul	88
82) 3,3'-Dichlorobenzidine	21.94	252	26722	3.286 ng/ul#	97
83) Benzo(a)anthracene	22.03	228	91568	3.878 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.90	149	32555	3.245 ng/ul#	97
85) Chrysene	22.10	228	84972	3.934 ng/ul	98
87) Di-n-octyl phthalate	23.21	149	53365	3.062 ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	90149	3.662 ng/ul#	96
89) Benzo(k)fluoranthene	24.52	252	89723	3.739 ng/ul#	96
91) Benzo(a)pyrene	25.41	252	90281	3.811 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.61	276	104462	3.634 ng/ul#	93
93) Dibenzo(a,h)anthracene	29.67	278	91892	3.727 ng/ul#	97
94) Benzo(g,h,i)perylene	30.87	276	87381	3.667 ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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