Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023610.D
Acq On : 11 Aug 2016 2:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 04:01:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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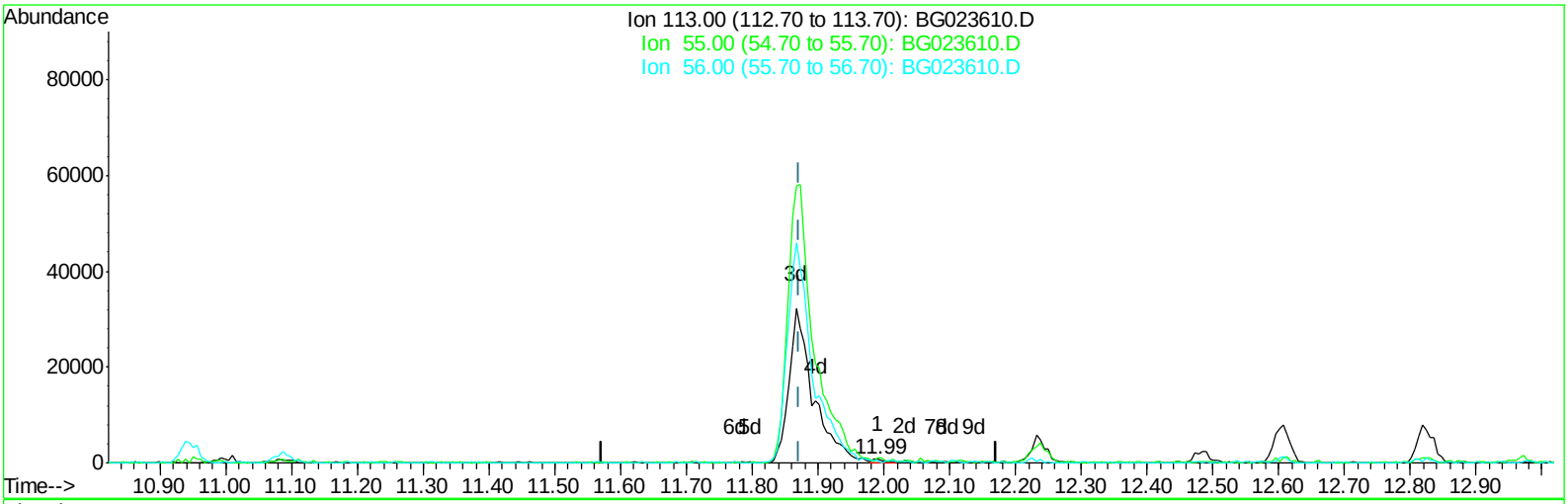

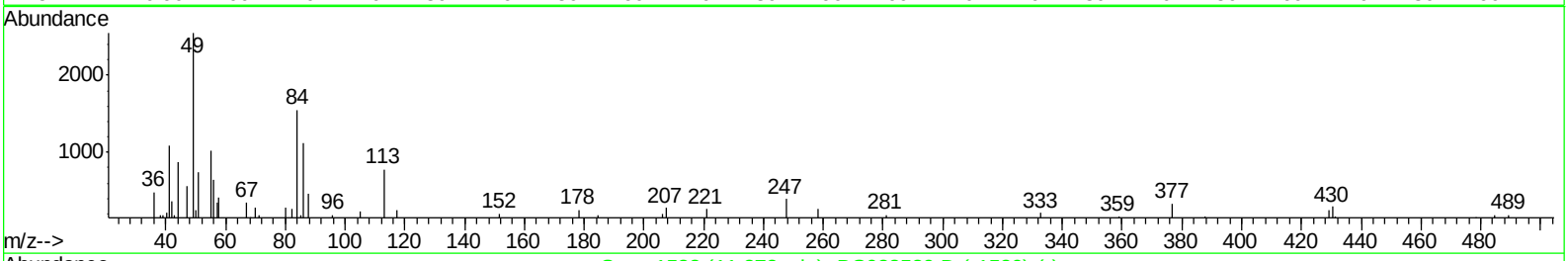

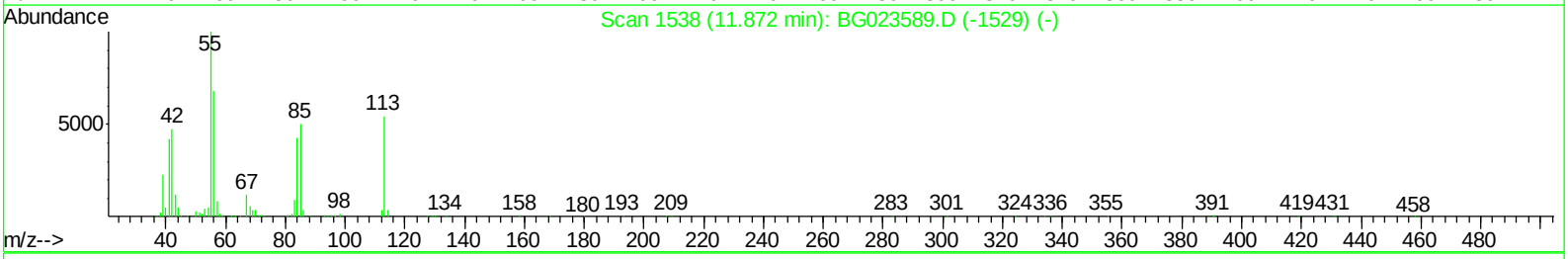

TIC: BG023610.D

(32) Caprolactam

11.991min (+0.119) 0.25ng/ul

response 1132

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	132.00
56.00	83.00	82.84
0.00	0.00	0.00

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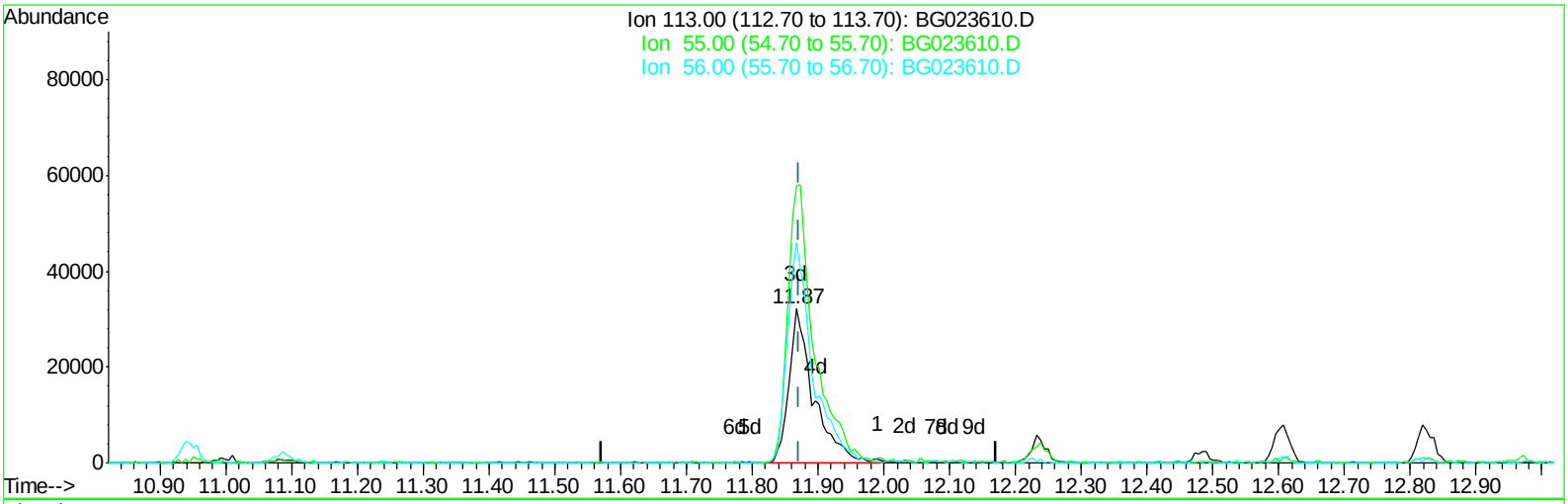

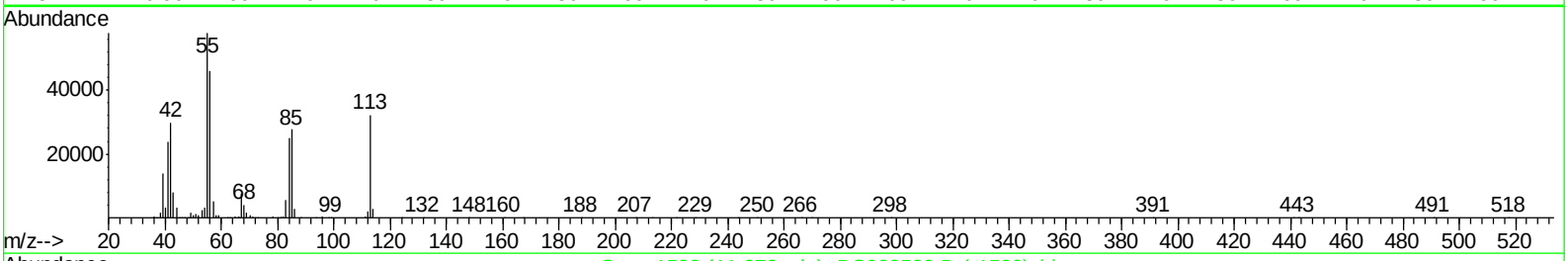

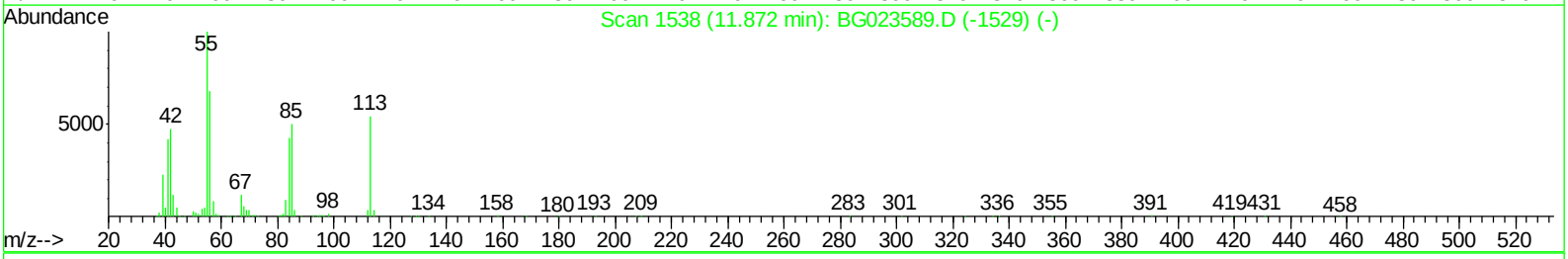

TIC: BG023610.D

(32) Caprolactam

11.867min (-0.005) 19.02ng/ul m

response 85471

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	179.76#
56.00	83.00	142.99#
0.00	0.00	0.00

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Quant Time: Aug 11 05:44:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	136578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	628328	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	445438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1094938	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1103792	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1064848	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	23124	7.20	ng/uL	0.00
5) Phenol-d5	7.26	99	272438	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	181781	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	191376	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	213126	19.84	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	103005	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	119698	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	215077	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	288428	22.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	748627	20.53	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	863437	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	124105	19.93	ng/ul	0.00
57) Fluorene-d10	15.78	176	670693	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	137560	19.58	ng/ul	0.00
70) Anthracene-d10	17.65	188	1041618	21.11	ng/ul	0.00
76) Pyrene-d10	19.94	212	1156041	20.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1015825	21.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	26459	7.85	ng/uL	90
4) Benzaldehyde	7.24	77	184511	22.00	ng/ul	85
6) Phenol	7.29	94	280776	19.60	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.52	93	215554	20.72	ng/ul	87
10) 2-Chlorophenol	7.67	128	188188	19.68	ng/ul#	87
11) 2-Methylphenol	8.56	108	211122	19.57	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.64	45	299228	21.02	ng/ul	98
14) Acetophenone	8.94	105	348447	20.23	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.92	70	213266	20.58	ng/ul#	88
16) 4-Methylphenol	8.89	108	236690	19.57	ng/ul	96
17) Hexachloroethane	9.20	117	81318	19.71	ng/ul	100
20) Nitrobenzene	9.33	77	290849	20.03	ng/ul#	87
21) Isophorone	9.85	82	552184	20.68	ng/ul#	93
23) 2-Nitrophenol	10.05	139	126512	20.60	ng/ul#	70
24) 2,4-Dimethylphenol	10.10	107	275733	20.46	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	316499	20.55	ng/ul	95
27) 2,4-Dichlorophenol	10.59	162	222280	20.54	ng/ul	92
28) Naphthalene	11.00	128	658913	20.66	ng/ul	99
30) 4-Chloroaniline	11.11	127	278184	22.27	ng/ul	98
31) Hexachlorobutadiene	11.27	225	150463	20.88	ng/ul	96
32) Caprolactam	11.87	113	85471m	19.02	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	276293	19.84	ng/ul#	87
34) 2-Methylnaphthalene	12.61	142	529117	20.46	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	293680	21.47 ng/ul	98
37) Hexachlorocyclopentadiene	12.94	237	134522	17.78 ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	197976	20.90 ng/ul	92
39) 2,4,5-Trichlorophenol	13.29	196	200040	19.70 ng/ul	94
40) 1,1'-Biphenyl	13.61	154	694422	21.21 ng/ul	99
41) 2-Chloronaphthalene	13.65	162	544611	21.40 ng/ul	98
42) 2-Nitroaniline	13.86	65	217536	20.93 ng/ul#	63
44) Dimethylphthalate	14.22	163	737326	20.42 ng/ul	100
45) 2,6-Dinitrotoluene	14.36	165	156750	20.02 ng/ul#	78
47) Acenaphthylene	14.50	152	905913	21.10 ng/ul	99
48) 3-Nitroaniline	14.69	138	162038	22.01 ng/ul#	58
49) Acenaphthene	14.85	153	594537	20.33 ng/ul	92
50) 2,4-Dinitrophenol	14.90	184	83382	17.26 ng/ul#	81
52) 4-Nitrophenol	15.01	109	116871	18.74 ng/ul#	76
53) Dibenzofuran	15.18	168	868693	20.04 ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	241217	20.33 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.41	232	199637	19.14 ng/ul	95
56) Diethylphthalate	15.59	149	755417	20.01 ng/ul	96
58) Fluorene	15.83	166	723603	20.04 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.82	204	366912	20.20 ng/ul	93
60) 4-Nitroaniline	15.86	138	177032	20.74 ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.92	198	143537	19.47 ng/ul#	89
64) N-Nitrosodiphenylamine	16.04	169	670351	21.91 ng/ul	94
65) 4-Bromophenyl-phenylether	16.73	248	253233	20.17 ng/ul	96
66) Hexachlorobenzene	16.85	284	274353	20.51 ng/ul	97
67) Atrazine	16.99	200	271859	21.51 ng/ul	99
68) Pentachlorophenol	17.20	266	139730	18.93 ng/ul	94
69) Phenanthrene	17.59	178	1173990	20.70 ng/ul	94
71) Anthracene	17.68	178	1217674	21.05 ng/ul	98
72) Carbazole	17.95	167	1092288	23.43 ng/ul	97
73) Di-n-butylphthalate	18.50	149	1279622	21.91 ng/ul#	95
74) Fluoranthene	19.60	202	1424048	24.53 ng/ul#	94
77) Pyrene	19.97	202	1410472	20.67 ng/ul	96
78) Butylbenzylphthalate	20.84	149	601348	22.98 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.76	252	436060	22.42 ng/ul#	98
80) Benzo(a)anthracene	21.85	228	1293971	20.82 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	796591	22.89 ng/ul#	98
82) Chrysene	21.92	228	1191154	21.07 ng/ul	96
84) Di-n-octyl phthalate	22.99	149	1303861	24.24 ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	1295200	21.38 ng/ul#	95
86) Benzo(k)fluoranthene	24.25	252	1214717	20.37 ng/ul#	92
88) Benzo(a)pyrene	25.10	252	1213655	20.75 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.15	276	1430579	20.82 ng/ul#	86
90) Dibenzo(a,h)anthracene	29.21	278	1209039	20.63 ng/ul#	91
91) Benzo(g,h,i)perylene	30.36	276	1179612	20.71 ng/ul#	89

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

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