Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021379.D
Acq On : 8 Mar 2016 23:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 01:05:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 01:04:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations APPROVED
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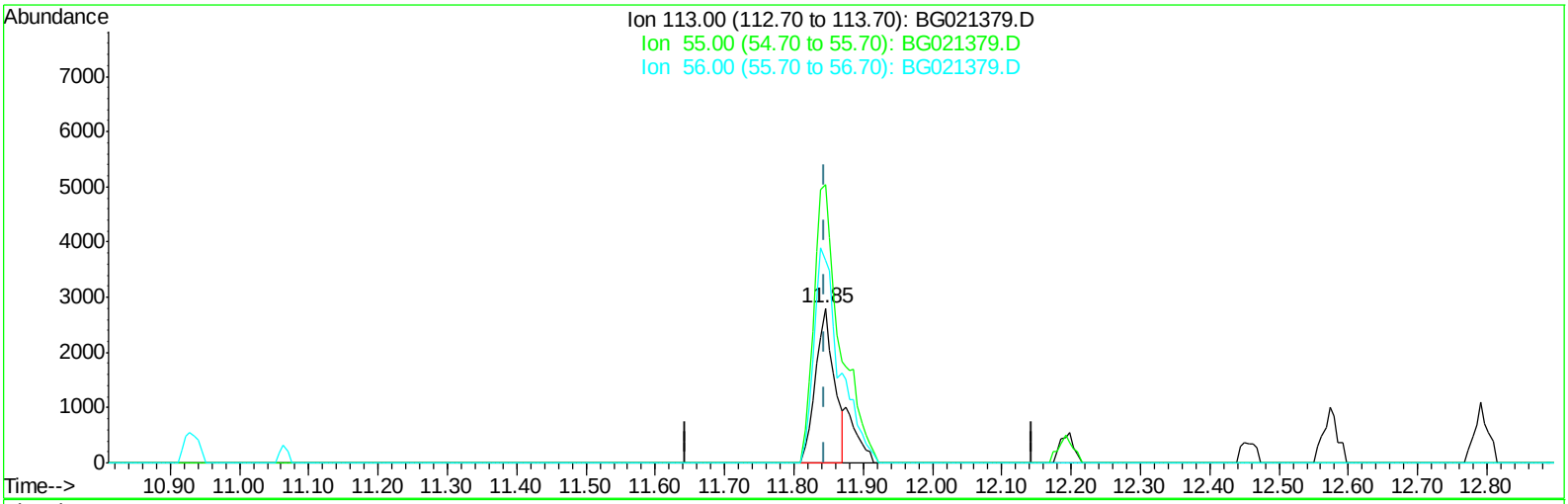

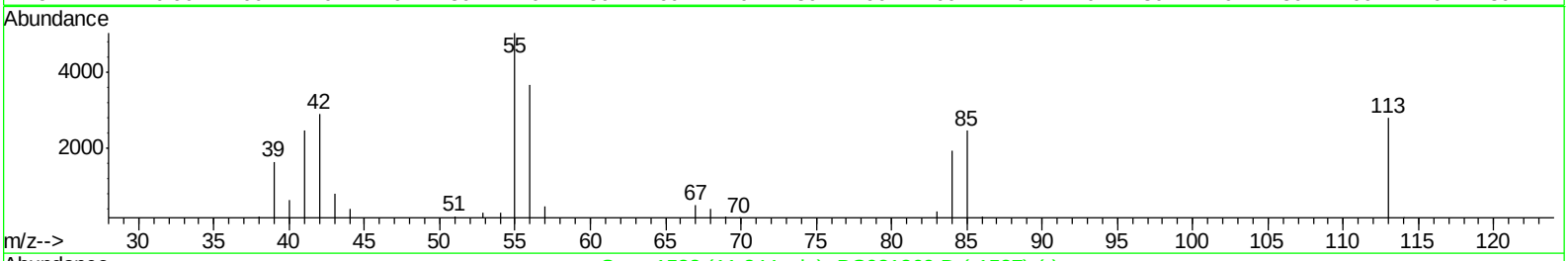

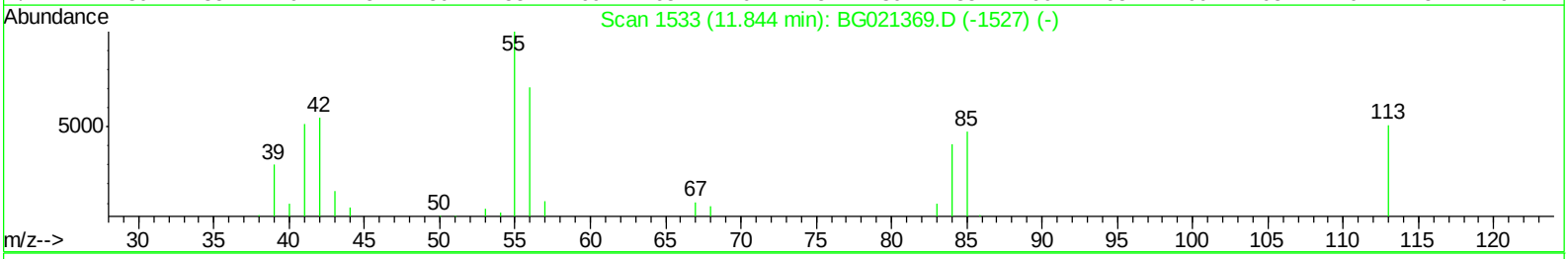

TIC: BG021379.D

(32) Caprolactam

11.845min (+0.001) 15.02ng/ul

response 5215

Ion	Exp%	Act%
113.00	100	100
55.00	182.40	179.97
56.00	146.40	131.02
0.00	0.00	0.00

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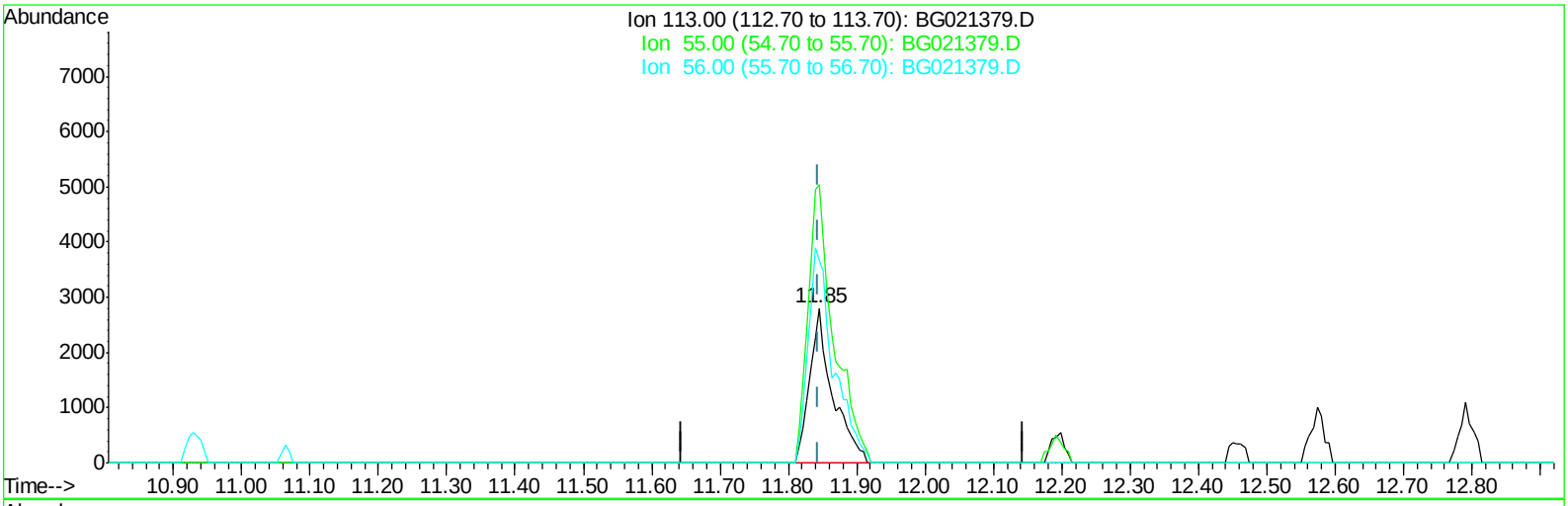

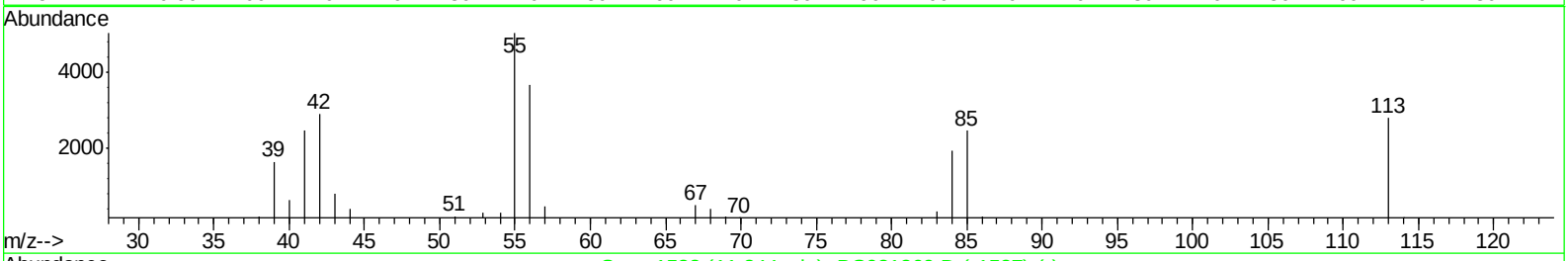

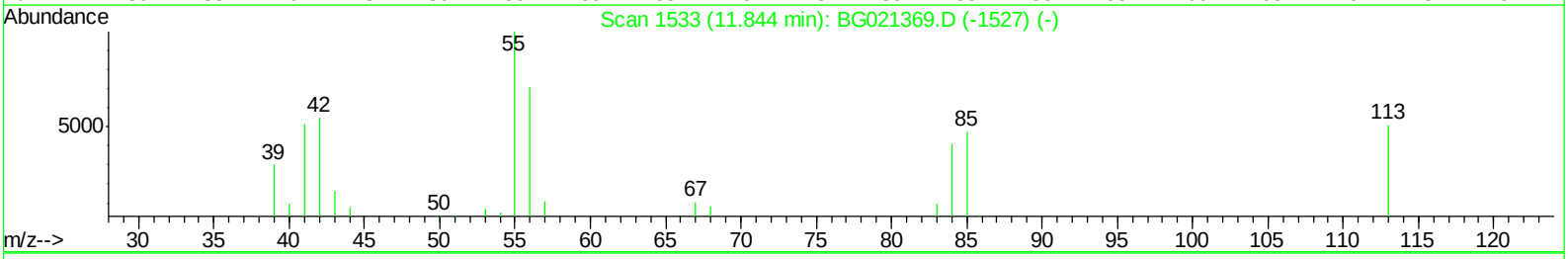

TIC: BG021379.D

(32) Caprolactam

11.845min (+0.001) 18.87ng/ul m

response 6553

Ion	Exp%	Act%
113.00	100	100
55.00	182.40	179.97
56.00	146.40	131.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Quant Time: Mar 09 01:59:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 01:04:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	57423	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	33786	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	77177	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	84227	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	77851	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	2110	7.78	ng/uL	0.00
5) Phenol-d5	7.27	99	24742	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16875	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17983	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	19236	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8951	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	9408	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17443	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	22416	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	52526	18.80	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	69085	19.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10114	18.39	ng/ul	0.00
58) Fluorene-d10	15.72	176	48615	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9359	17.28	ng/ul	0.00
71) Anthracene-d10	17.57	188	74542	19.59	ng/ul	0.00
79) Pyrene-d10	19.84	212	82491	19.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	80231	19.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2664	7.95	ng/uL	97
4) Benzaldehyde	7.26	77	11640	16.23	ng/ul	95
6) Phenol	7.30	94	26769	21.00	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.54	93	19352	20.53	ng/ul	95
10) 2-Chlorophenol	7.69	128	18367	20.76	ng/ul	92
11) 2-Methylphenol	8.56	108	19924	21.08	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.65	45	31521	22.08	ng/ul	96
14) Acetophenone	8.95	105	32618	20.79	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.92	70	19314	19.92	ng/ul#	99
16) 4-Methylphenol	8.88	108	21833	20.86	ng/ul	94
17) Hexachloroethane	9.21	117	8343	21.67	ng/ul	99
20) Nitrobenzene	9.33	77	29617	20.11	ng/ul	98
21) Isophorone	9.85	82	51580	19.06	ng/ul	99
23) 2-Nitrophenol	10.04	139	10974	19.58	ng/ul	92
24) 2,4-Dimethylphenol	10.09	107	25901	19.67	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	27189	19.19	ng/ul	97
27) 2,4-Dichlorophenol	10.58	162	17927	19.82	ng/ul	98
28) Naphthalene	10.98	128	61418	19.24	ng/ul	99
30) 4-Chloroaniline	11.09	127	24459	20.49	ng/ul	96
31) Hexachlorobutadiene	11.26	225	11991	19.50	ng/ul	92
32) Caprolactam	11.85	113	6553m	18.87	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	24249	19.80	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	43988	19.11	ng/ul	97

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Quant Time: Mar 09 01:59:20 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 01:04:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	41301	19.11	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	22414	19.48	ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	12263	16.18	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.17	196	15673	20.10	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	16480	19.67	ng/ul	93
41) 1,1'-Biphenyl	13.57	154	56963	19.50	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	45539	20.39	ng/ul	98
43) 2-Nitroaniline	13.82	65	20323	21.06	ng/ul	96
45) Dimethylphthalate	14.18	163	56849	18.91	ng/ul#	99
46) 2,6-Dinitrotoluene	14.31	165	12210	19.74	ng/ul	97
48) Acenaphthylene	14.46	152	70446	19.29	ng/ul	98
49) 3-Nitroaniline	14.64	138	11429	18.99	ng/ul	89
50) Acenaphthene	14.80	153	49187	19.68	ng/ul	95
51) 2,4-Dinitrophenol	14.84	184	6450	15.47	ng/ul#	86
53) 4-Nitrophenol	14.93	109	12509	18.72	ng/ul	93
54) Dibenzofuran	15.13	168	66343	19.48	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	17526	19.07	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13969	18.72	ng/ul	98
57) Diethylphthalate	15.53	149	62194	18.77	ng/ul	96
59) Fluorene	15.78	166	57972	19.48	ng/ul	90
60) 4-Chlorophenyl-phenylether	15.76	204	28316	19.15	ng/ul	100
61) 4-Nitroaniline	15.79	138	11160	15.80	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.85	198	10655	18.16	ng/ul	89
65) N-Nitrosodiphenylamine	15.98	169	50169	19.99	ng/ul	96
66) 4-Bromophenyl-phenylether	16.66	248	16934	19.72	ng/ul	97
67) Hexachlorobenzene	16.77	284	16911	20.09	ng/ul	96
68) Atrazine	16.92	200	18746	19.62	ng/ul	95
69) Pentachlorophenol	17.12	266	10354	18.17	ng/ul#	89
70) Phenanthrene	17.51	178	89088	19.43	ng/ul	99
72) Anthracene	17.60	178	90680	19.47	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	21054	20.31	ng/uL#	90
74) Pentachlorobenzene	15.05	250	21134	20.54	ng/uL	97
75) Carbazole	17.87	167	80009	19.68	ng/ul	98
76) Di-n-butylphthalate	18.41	149	107719	19.65	ng/ul	99
77) Fluoranthene	19.51	202	102632	19.05	ng/ul	97
80) Pyrene	19.87	202	107751	19.28	ng/ul	99
81) Butylbenzylphthalate	20.74	149	51308	20.27	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.62	252	32896	18.42	ng/ul	95
83) Benzo(a)anthracene	21.71	228	106621	19.72	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	74732	19.87	ng/ul	98
85) Chrysene	21.78	228	98840	19.59	ng/ul	98
87) Di-n-octyl phthalate	22.82	149	126948	19.85	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	100998	19.06	ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	103284	20.09	ng/ul	97
91) Benzo(a)pyrene	24.84	252	101243	19.75	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	109474	19.56	ng/ul	93
93) Dibenzo(a,h)anthracene	28.75	278	92777	19.28	ng/ul	98
94) Benzo(g,h,i)perylene	29.85	276	90063	21.44	ng/ul	99

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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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