Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072915\
Data File : BG018169.D
Acq On : 29 Jul 2015 19:07
Operator : TP/UM
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 00:43:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 00:40:46 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04043

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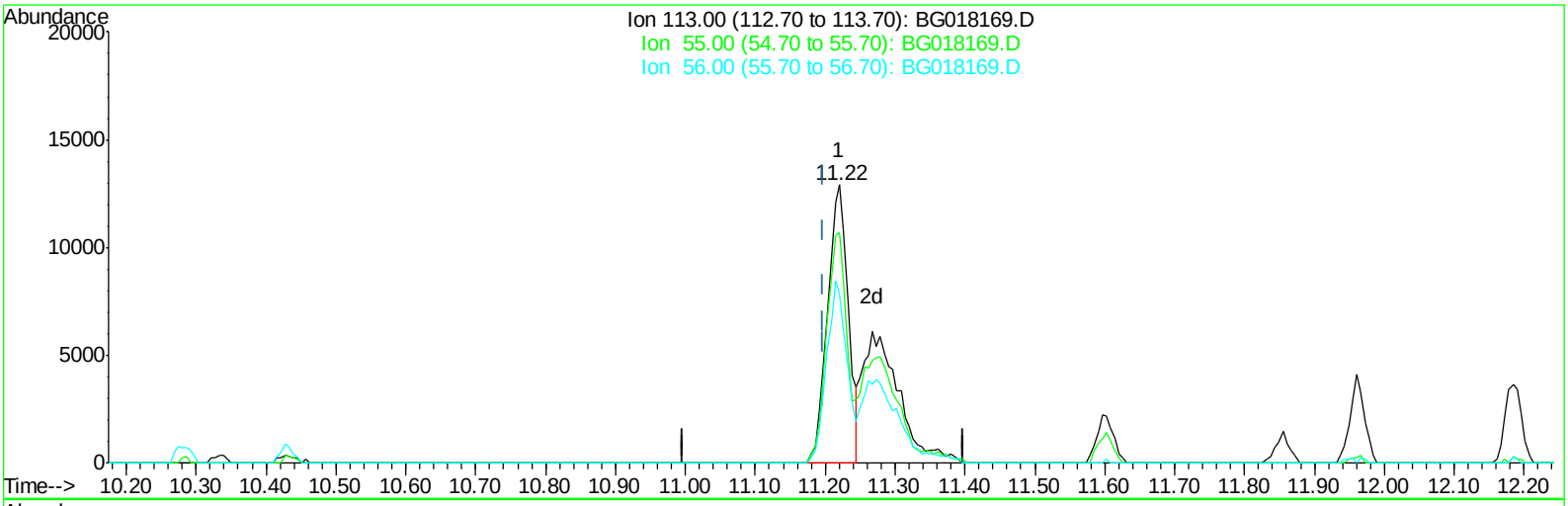

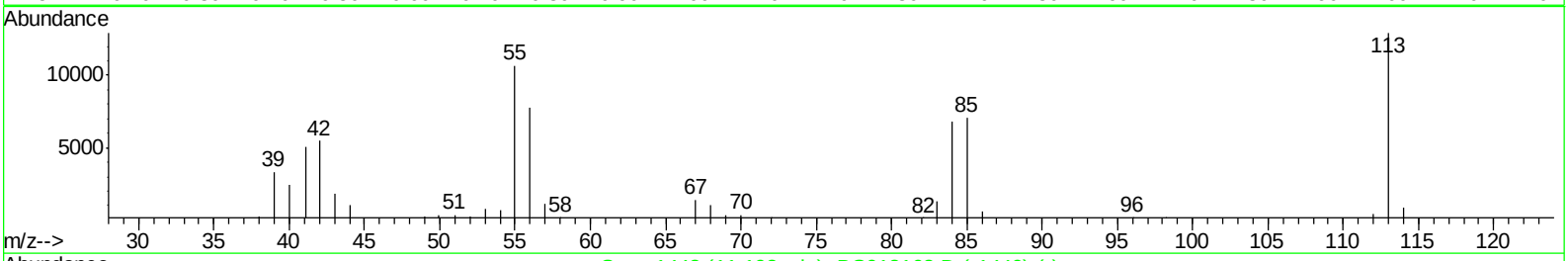

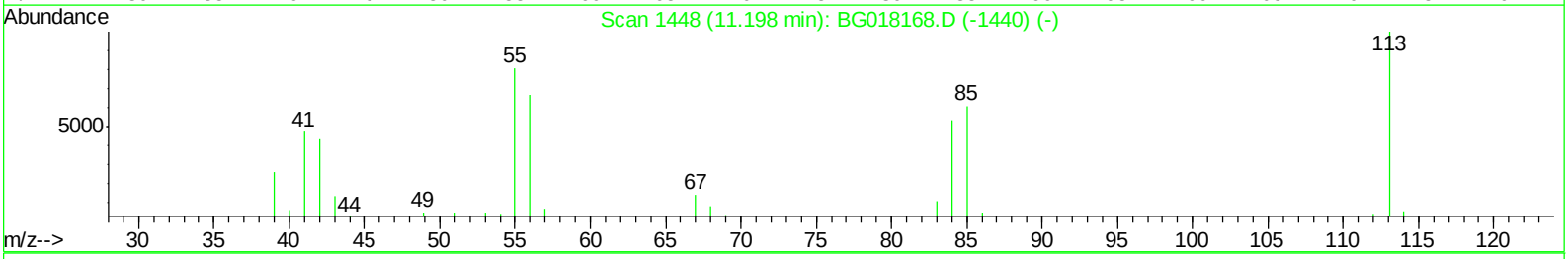

TIC: BG018169.D

(32) Caprolactam

11.220min (+0.023) 21.30ng/ul

response 26486

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	82.68
56.00	66.50	60.37
0.00	0.00	0.00

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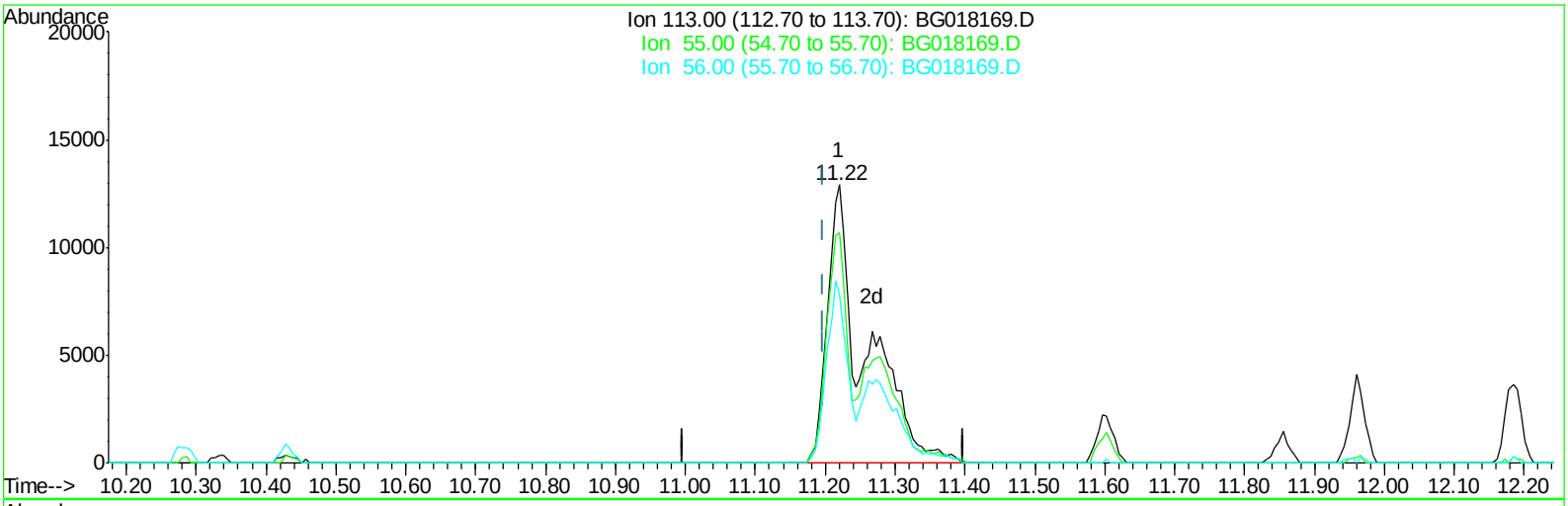

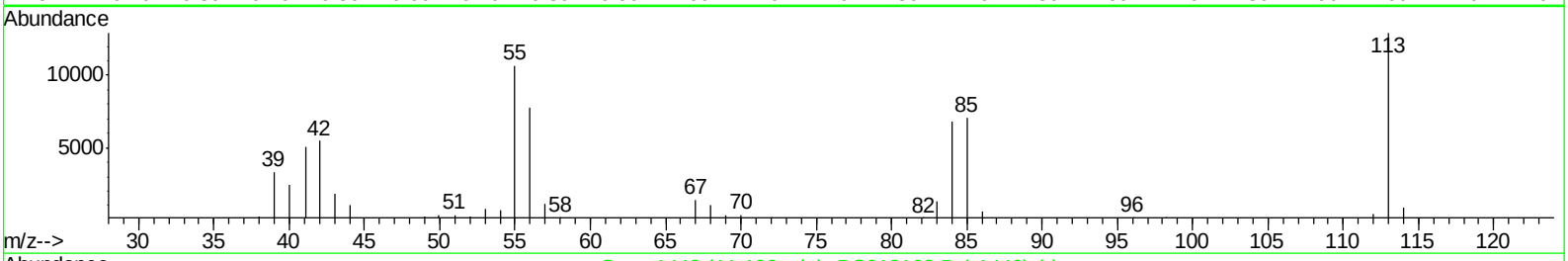

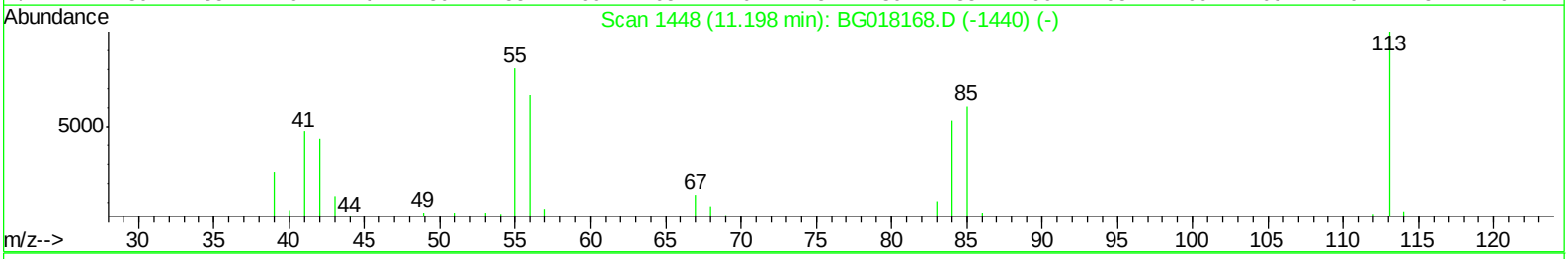

TIC: BG018169.D

(32) Caprolactam

11.220min (+0.023) 38.94ng/ul m

response 48411

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	82.68
56.00	66.50	60.37
0.00	0.00	0.00

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Quant Time: Jul 30 01:45:59 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	38469	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	184618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	125209	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	285245	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	305061	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	295052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	7232	12.14	ng/uL	0.00
5) Phenol-d5	6.70	99	104429	35.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	47181	33.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	102304	38.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	96504	37.01	ng/ul	0.01
19) Nitrobenzene-d5	8.66	128	56158	37.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	64206	40.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	113696	41.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	152013	46.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	350034	39.30	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	424673	38.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	72231	38.90	ng/ul	0.00
58) Fluorene-d10	15.17	176	320766	39.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	79309	42.55	ng/ul	0.00
71) Anthracene-d10	17.03	188	484833	38.77	ng/ul	0.00
79) Pyrene-d10	19.33	212	538524	38.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	563633	39.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	8075	12.84	ng/uL#	84
4) Benzaldehyde	6.65	77	52575	35.24	ng/ul	96
6) Phenol	6.72	94	106724	35.86	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	76132	34.34	ng/ul	99
10) 2-Chlorophenol	7.07	128	99203	38.23	ng/ul	94
11) 2-Methylphenol	7.96	108	90413	36.53	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.04	45	66302	29.16	ng/ul	94
14) Acetophenone	8.32	105	134430	36.56	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.32	70	64230	33.53	ng/ul	97
16) 4-Methylphenol	8.29	108	101067	37.03	ng/ul	94
17) Hexachloroethane	8.56	117	36961	36.92	ng/ul	98
20) Nitrobenzene	8.70	77	93692	35.30	ng/ul	97
21) Isophorone	9.22	82	196972	35.46	ng/ul	99
23) 2-Nitrophenol	9.41	139	68477	40.49	ng/ul	96
24) 2,4-Dimethylphenol	9.48	107	111334	37.98	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	110200	35.25	ng/ul	97
27) 2,4-Dichlorophenol	9.95	162	109198	41.20	ng/ul	97
28) Naphthalene	10.33	128	334642	38.39	ng/ul	98
30) 4-Chloroaniline	10.46	127	154787	45.86	ng/ul	97
31) Hexachlorobutadiene	10.62	225	64483	41.32	ng/ul	94
32) Caprolactam	11.22	113	48411m	38.94	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	111422	38.96	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	261813	39.57	ng/ul	98

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	252612	39.36	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.34	216	137592	41.65	ng/ul	97
38) Hexachlorocyclopentadiene	12.32	237	71877	38.87	ng/ul	96
39) 2,4,6-Trichlorophenol	12.60	196	95692	43.04	ng/ul	97
40) 2,4,5-Trichlorophenol	12.67	196	101748	42.06	ng/ul	99
41) 1,1'-Biphenyl	12.99	154	341772	39.47	ng/ul	99
42) 2-Chloronaphthalene	13.04	162	267705	39.32	ng/ul	97
43) 2-Nitroaniline	13.25	65	60417	34.61	ng/ul	99
45) Dimethylphthalate	13.64	163	349000	39.04	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	84724	40.90	ng/ul	96
48) Acenaphthylene	13.89	152	442489	38.74	ng/ul	100
49) 3-Nitroaniline	14.09	138	82173	43.93	ng/ul	99
50) Acenaphthene	14.24	153	283737	37.98	ng/ul	99
51) 2,4-Dinitrophenol	14.31	184	51967	47.18	ng/ul	98
53) 4-Nitrophenol	14.42	109	44155	36.60	ng/ul#	85
54) Dibenzofuran	14.58	168	419233	39.31	ng/ul	97
55) 2,4-Dinitrotoluene	14.56	165	119511	40.23	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.81	232	93622	43.05	ng/ul#	97
57) Diethylphthalate	15.02	149	347005	37.49	ng/ul	99
59) Fluorene	15.23	166	349748	38.15	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	182243	39.40	ng/ul	96
61) 4-Nitroaniline	15.26	138	84023	37.05	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.33	198	81849	41.53	ng/ul#	95
65) N-Nitrosodiphenylamine	15.45	169	302516	38.73	ng/ul	98
66) 4-Bromophenyl-phenylether	16.13	248	120823	41.99	ng/ul	98
67) Hexachlorobenzene	16.24	284	136730	42.36	ng/ul	94
68) Atrazine	16.41	200	124277	40.76	ng/ul	98
69) Pentachlorophenol	16.58	266	76179	43.14	ng/ul	94
70) Phenanthrene	16.97	178	561510	38.77	ng/ul	100
72) Anthracene	17.06	178	565288	38.54	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	138958	42.41	ng/uL	97
74) Pentachlorobenzene	14.50	250	147912	42.69	ng/uL	99
75) Carbazole	17.34	167	497510	39.36	ng/ul	99
76) Di-n-butylphthalate	17.91	149	607395	36.82	ng/ul	99
77) Fluoranthene	19.00	202	642613	41.57	ng/ul	98
80) Pyrene	19.37	202	652358	37.36	ng/ul	99
81) Butylbenzylphthalate	20.28	149	259735	36.62	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	240382	47.80	ng/ul	99
83) Benzo(a)anthracene	21.12	228	620156	38.26	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	363669	35.98	ng/ul	98
85) Chrysene	21.17	228	587554	38.50	ng/ul	98
87) Di-n-octyl phthalate	21.93	149	601946	38.52	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	646797	39.33	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	589149	37.62	ng/ul	99
91) Benzo(a)pyrene	23.23	252	601839	38.21	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	701740	38.52	ng/ul	96
93) Dibenzo(a,h)anthracene	25.54	278	599145	38.65	ng/ul	98
94) Benzo(g,h,i)perylene	26.21	276	578760	38.48	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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