Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021317\
Data File : BM008988.D
Acq On : 13 Feb 2017 18:12
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 14 00:06:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 15:01:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02042

Manual Integrations APPROVED
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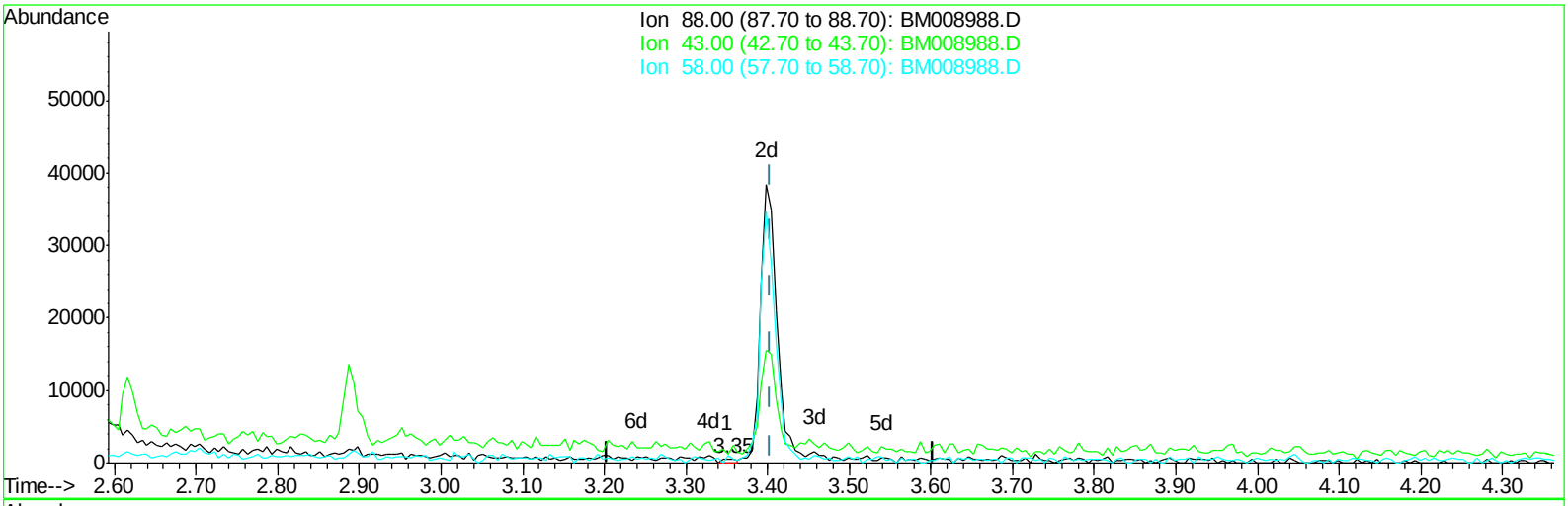

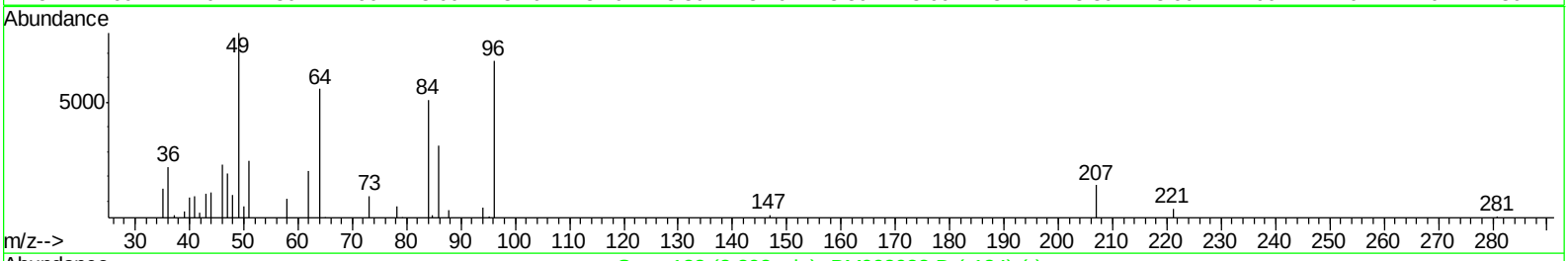

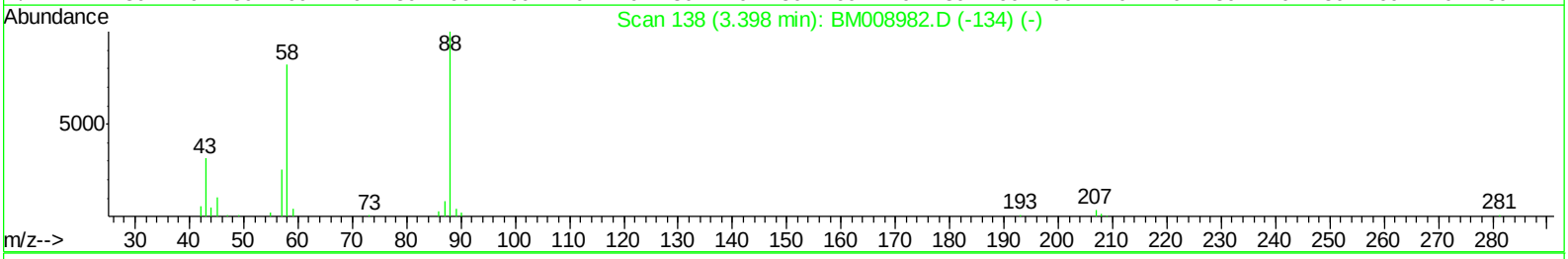

TIC: BM008988.D

(2) 1,4-Dioxane

3.351min (-0.053) 0.11ng/uL

response 700

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	79.57
58.00	109.30	99.00
0.00	0.00	0.00

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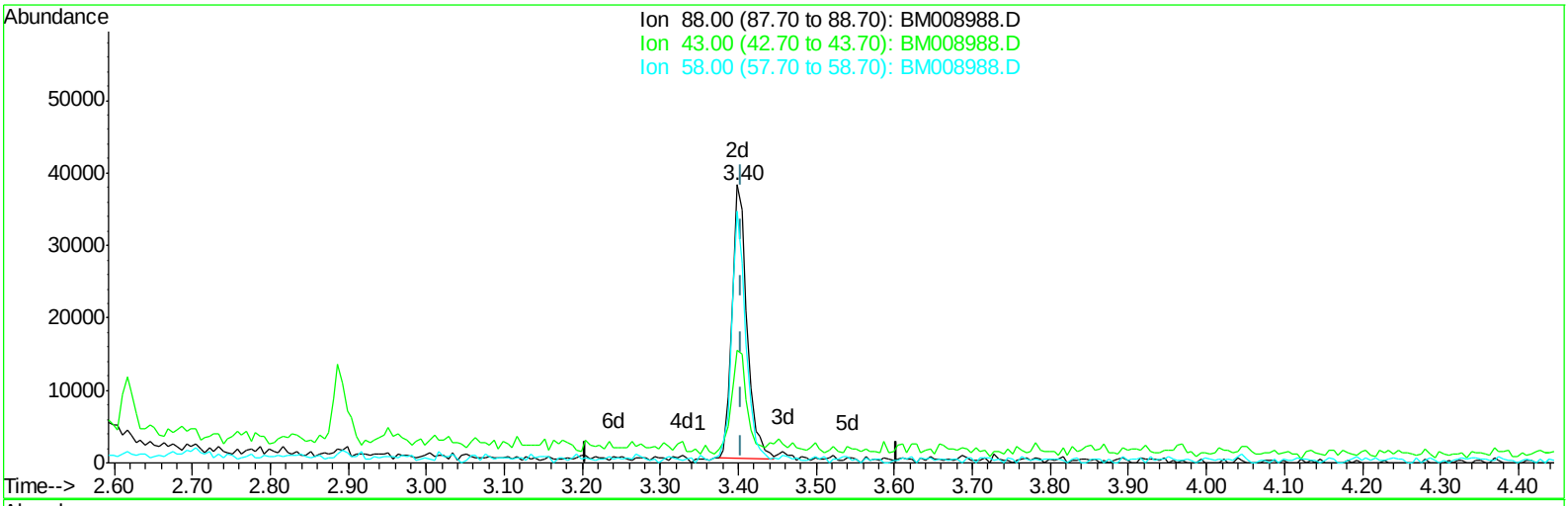

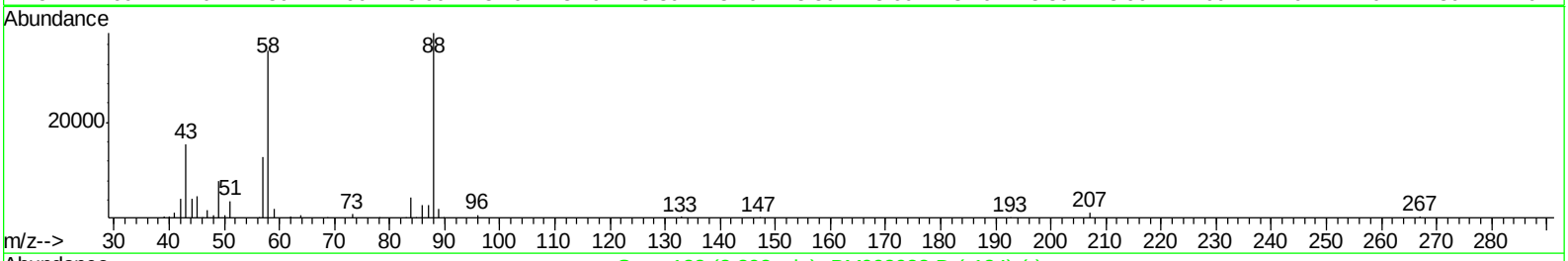

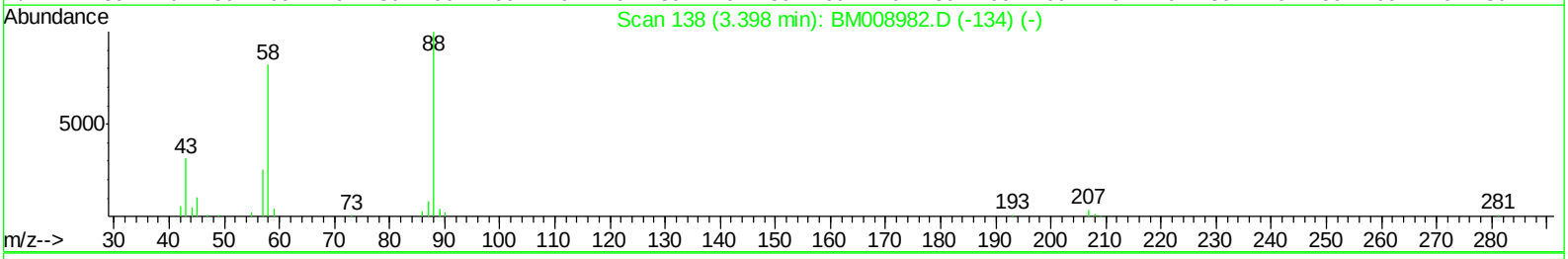

TIC: BM008988.D

(2) 1,4-Dioxane

3.399min (-0.005) 7.84ng/uL m

response 51027

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	1.09#
58.00	109.30	1.36#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	226226	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.71	136	928830	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.54	164	663957	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.29	188	1424677	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1745113	20.00	ng/ul	-0.01
83) Perylene-d12	23.81	264	1637538	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	45383	7.72	ng/uL	-0.01
5) Phenol-d5	7.06	99	409552	20.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	304361	20.80	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.43	132	284827	21.10	ng/ul	-0.01
13) 4-Methylphenol-d8	8.60	113	306059	20.40	ng/ul	-0.01
19) Nitrobenzene-d5	9.07	128	132269	20.76	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.79	143	146802	21.04	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.32	165	297148	19.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.85	131	338103	22.38	ng/ul	-0.01
43) Dimethylphthalate-d6	13.95	166	934451	20.58	ng/ul	-0.01
46) Acenaphthylene-d8	14.24	160	1153736	21.03	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.73	143	159270	19.92	ng/ul	-0.01
57) Fluorene-d10	15.54	176	862454	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	169189	19.99	ng/ul	-0.01
70) Anthracene-d10	17.39	188	1363861	20.35	ng/ul	0.00
76) Pyrene-d10	19.68	212	1571567	21.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1524937	20.66	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	51027m	7.84	ng/uL	
4) Benzaldehyde	7.05	77	334724	21.59	ng/ul#	82
6) Phenol	7.08	94	436729	20.22	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.33	93	348116	20.56	ng/ul#	81
10) 2-Chlorophenol	7.46	128	292520	20.67	ng/ul#	77
11) 2-Methylphenol	8.34	108	301544	20.19	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.43	45	566479	20.89	ng/ul	95
14) Acetophenone	8.73	105	525907	20.16	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.71	70	316024	21.06	ng/ul#	78
16) 4-Methylphenol	8.66	108	326488	20.02	ng/ul	94
17) Hexachloroethane	8.99	117	143275	20.85	ng/ul#	80
20) Nitrobenzene	9.11	77	464081	20.92	ng/ul#	90
21) Isophorone	9.63	82	781935	20.35	ng/ul#	95
23) 2-Nitrophenol	9.82	139	157072	20.51	ng/ul#	55
24) 2,4-Dimethylphenol	9.87	107	393521	20.34	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.12	93	454474	20.49	ng/ul	99
27) 2,4-Dichlorophenol	10.35	162	306022	20.57	ng/ul#	90
28) Naphthalene	10.76	128	954846	20.62	ng/ul	98
30) 4-Chloroaniline	10.87	127	356802	22.51	ng/ul	97
31) Hexachlorobutadiene	11.03	225	251161	20.56	ng/ul	97
32) Caprolactam	11.65	113	86502	19.12	ng/ul#	79
33) 4-Chloro-3-methylphenol	11.98	107	349711	20.74	ng/ul#	93
34) 2-Methylnaphthalene	12.37	142	709079	20.58	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	436510	20.13	ng/ul#	93
37) Hexachlorocyclopentadiene	12.70	237	280306	20.24	ng/ul	94
38) 2,4,6-Trichlorophenol	12.97	196	255004	20.62	ng/ul	94
39) 2,4,5-Trichlorophenol	13.04	196	283808	21.06	ng/ul	88
40) 1,1'-Biphenyl	13.37	154	956277	20.75	ng/ul	94
41) 2-Chloronaphthalene	13.42	162	751026	20.70	ng/ul	94
42) 2-Nitroaniline	13.63	65	259025	21.04	ng/ul#	81
44) Dimethylphthalate	14.00	163	928162	20.44	ng/ul	100
45) 2,6-Dinitrotoluene	14.12	165	179271	21.70	ng/ul#	73
47) Acenaphthylene	14.27	152	1147622	21.09	ng/ul	100
48) 3-Nitroaniline	14.46	138	175589	21.31	ng/ul#	78
49) Acenaphthene	14.61	153	802337	20.64	ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	108927	18.61	ng/ul#	70
52) 4-Nitrophenol	14.74	109	192715	19.99	ng/ul#	74
53) Dibenzofuran	14.94	168	1164486	20.18	ng/ul	91
54) 2,4-Dinitrotoluene	14.91	165	266390	21.17	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.16	232	262324	20.98	ng/ul#	97
56) Diethylphthalate	15.36	149	947530	20.32	ng/ul	98
58) Fluorene	15.59	166	971036	20.54	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.59	204	521132	20.48	ng/ul#	92
60) 4-Nitroaniline	15.62	138	197540	20.74	ng/ul#	33
63) 4,6-Dinitro-2-methylphenol	15.66	198	175451	19.23	ng/ul#	76
64) N-Nitrosodiphenylamine	15.80	169	827482	20.44	ng/ul	98
65) 4-Bromophenyl-phenylether	16.48	248	327965	20.59	ng/ul	90
66) Hexachlorobenzene	16.59	284	359680	20.03	ng/ul	92
67) Atrazine	16.74	200	311219	19.39	ng/ul	95
68) Pentachlorophenol	16.93	266	211784	19.73	ng/ul	89
69) Phenanthrene	17.33	178	1591400	20.58	ng/ul	97
71) Anthracene	17.43	178	1622282	20.53	ng/ul	98
72) Carbazole	17.70	167	1402921	19.94	ng/ul	98
73) Di-n-butylphthalate	18.24	149	1642147	20.83	ng/ul#	97
74) Fluoranthene	19.34	202	1913196	20.30	ng/ul#	94
77) Pyrene	19.71	202	2016482	21.03	ng/ul#	94
78) Butylbenzylphthalate	20.59	149	742618	21.93	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.38	252	697339	21.09	ng/ul	99
80) Benzo(a)anthracene	21.44	228	2049780	20.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.36	149	1089357	21.89	ng/ul	94
82) Chrysene	21.50	228	1934051	20.38	ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1866192	20.68	ng/ul#	90
85) Benzo(b)fluoranthene	23.10	252	2054313	20.98	ng/ul#	98
86) Benzo(k)fluoranthene	23.14	252	1873926	20.12	ng/ul#	96
88) Benzo(a)pyrene	23.71	252	1909926	20.54	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.21	276	2081615	20.32	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.22	278	1782710	20.21	ng/ul#	95
91) Benzo(g,h,i)perylene	26.95	276	1726540	20.06	ng/ul#	94

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

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