Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002493.D
Acq On : 19 Aug 2015 16:23
Operator : UM/IZ
Sample : MDL-02-W
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 20 02:30:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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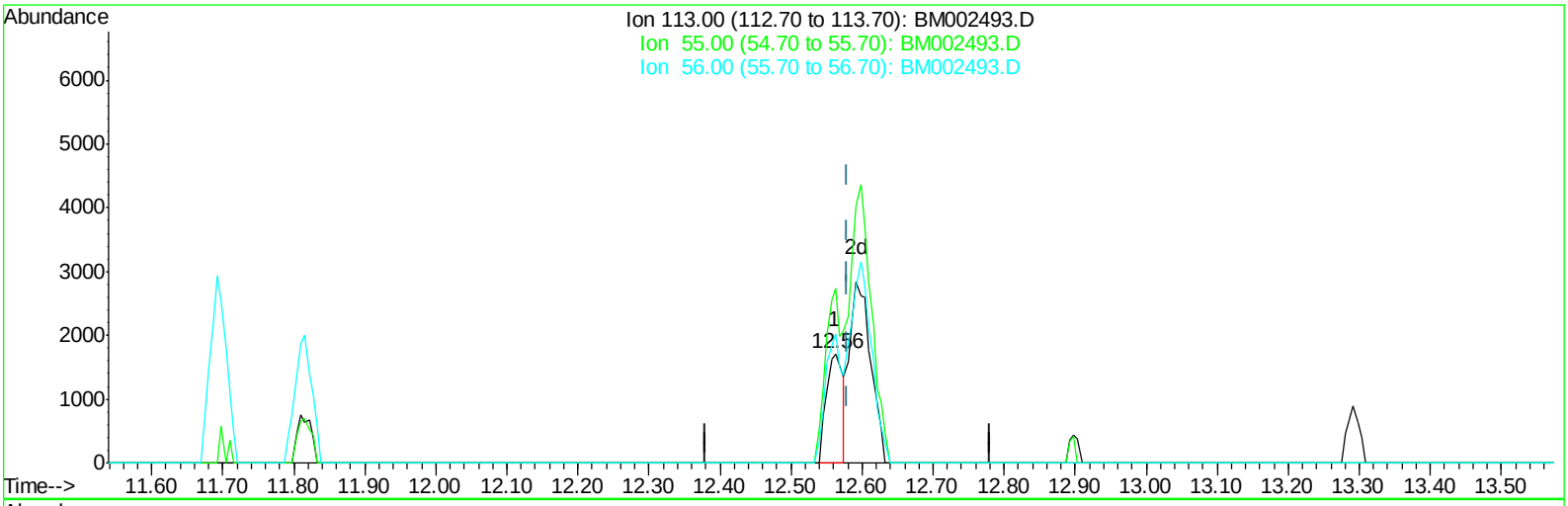

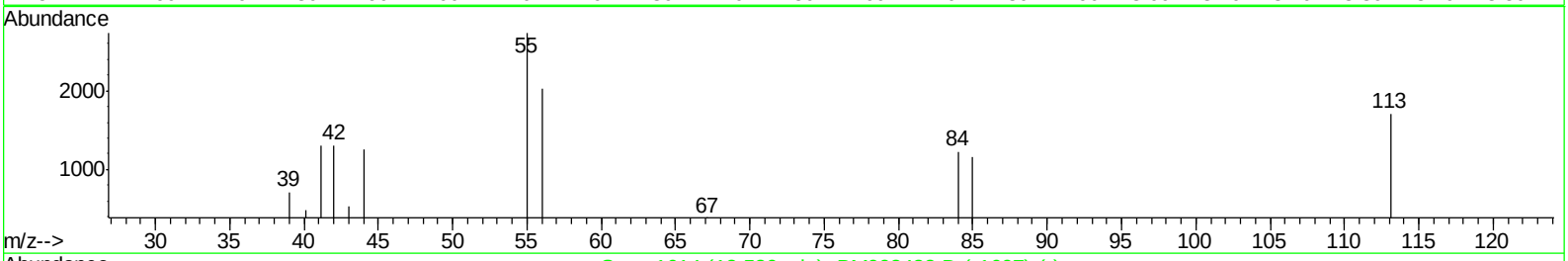

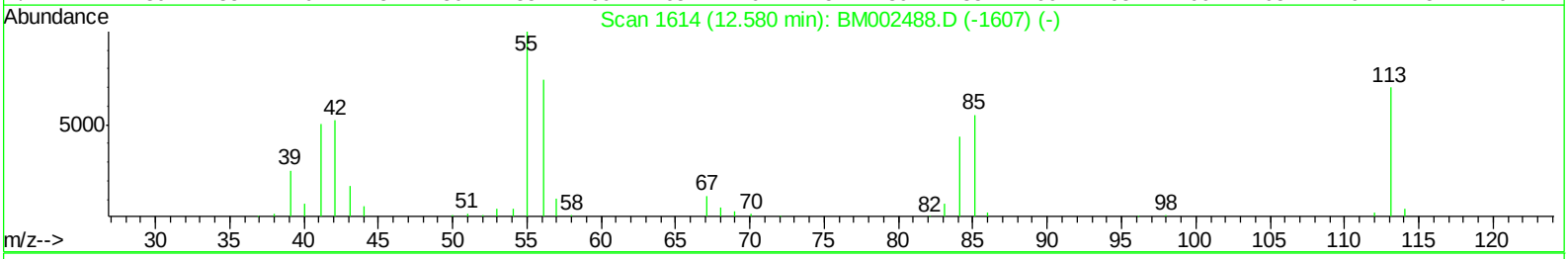

TIC: BM002493.D

(32) Caprolactam

12.563min (-0.018) 0.94ng/ul

response 2850

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	160.20
56.00	139.20	118.82
0.00	0.00	0.00

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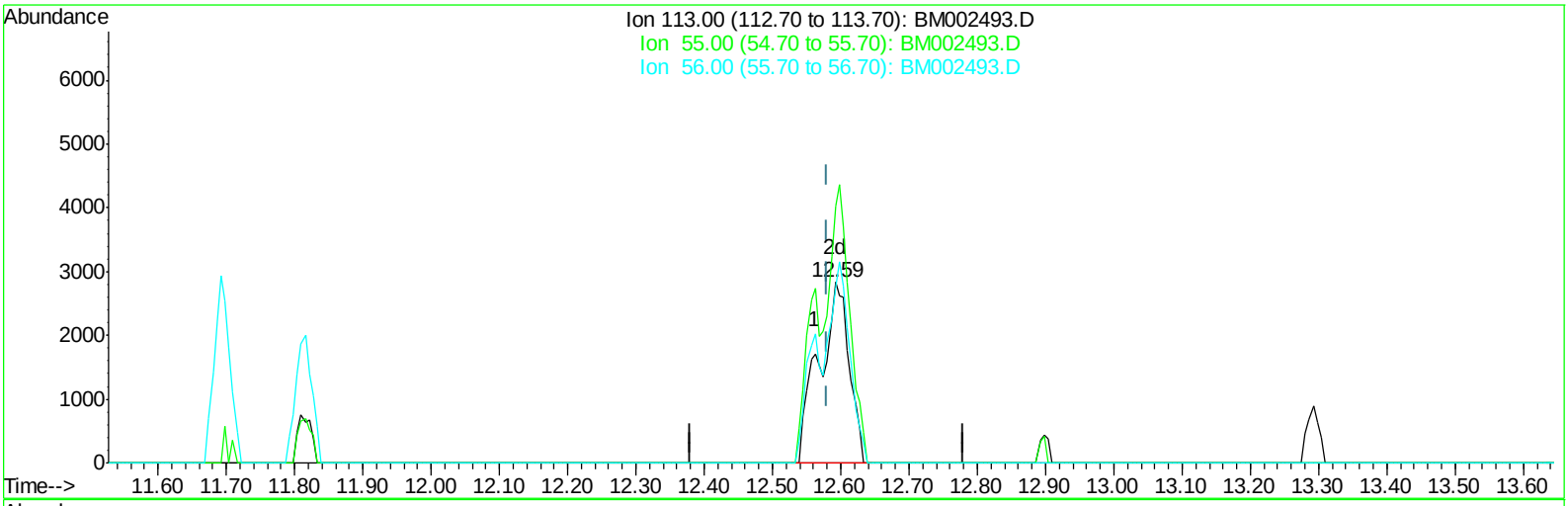

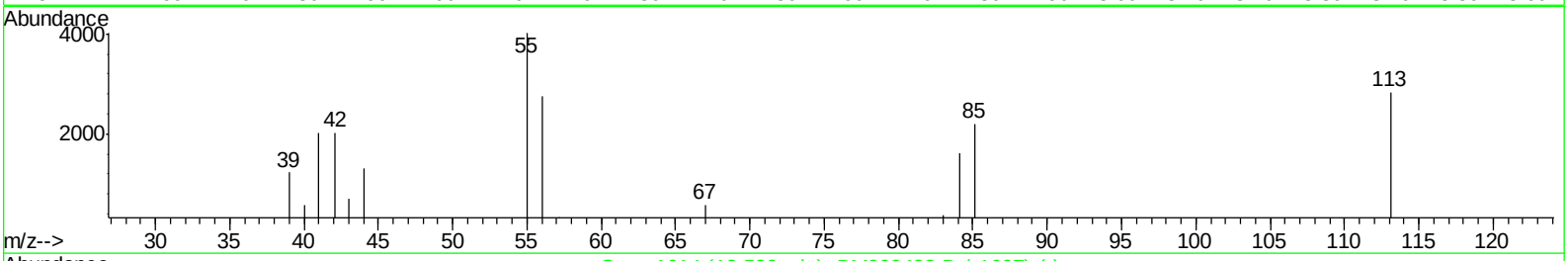

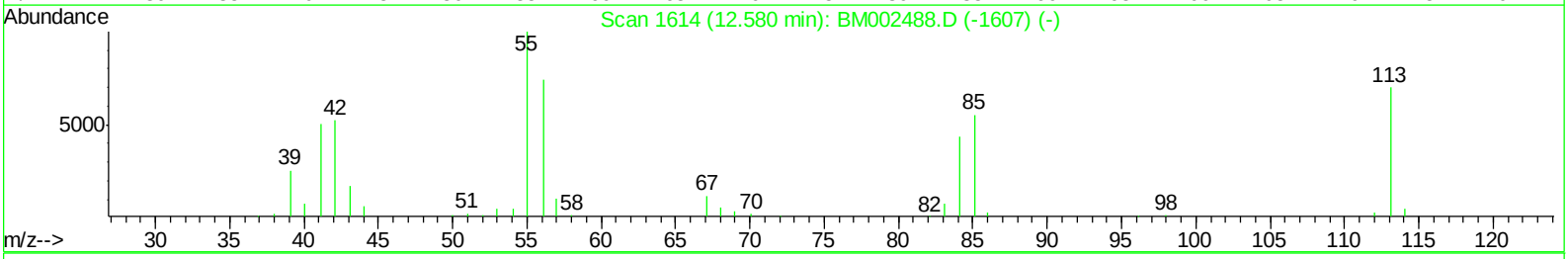

TIC: BM002493.D

(32) Caprolactam

12.592min (+0.012) 2.84ng/ul m

response 8638

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	141.74#
56.00	139.20	97.07#
0.00	0.00	0.00

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Quant Time: Aug 20 03:23:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	107798	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	526563	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.42	164	302840	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	663945	20.00	ng/ul	0.00
78) Chrysene-d12	22.21	240	699006	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	713697	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	13951	5.98	ng/uL	0.00
5) Phenol-d5	7.93	99	305252	31.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	174384	30.29	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	274559	34.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	277482	33.22	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	145359	36.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	159356	45.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	261925	34.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	418208	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	892317	35.79	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1106624	35.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	165310	36.74	ng/ul	0.00
58) Fluorene-d10	16.39	176	754832	34.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	124132	47.58	ng/ul	0.00
71) Anthracene-d10	18.22	188	1165953	36.19	ng/ul	0.00
79) Pyrene-d10	20.44	212	1225372	36.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1396129	36.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1323	0.50	ng/uL#	1
4) Benzaldehyde	7.93	77	17319	3.01	ng/ul	95
6) Phenol	7.96	94	25970	2.60	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.21	93	22403	2.91	ng/ul	94
10) 2-Chlorophenol	8.37	128	23042	2.80	ng/ul	89
11) 2-Methylphenol	9.26	108	21056	2.66	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.35	45	29846	2.18	ng/ul	95
14) Acetophenone	9.66	105	37334	3.00	ng/ul#	95
15) N-Nitroso-di-n-propylamine	9.63	70	18243	2.73	ng/ul	94
16) 4-Methylphenol	9.59	108	23729	2.74	ng/ul	100
17) Hexachloroethane	9.94	117	8583	2.64	ng/ul	92
20) Nitrobenzene	10.06	77	24497	2.67	ng/ul	92
21) Isophorone	10.58	82	51320	2.81	ng/ul	99
23) 2-Nitrophenol	10.79	139	14404	3.63	ng/ul	92
24) 2,4-Dimethylphenol	10.82	107	26190	2.69	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	30840	2.73	ng/ul	98
27) 2,4-Dichlorophenol	11.33	162	22188	3.01	ng/ul	89
28) Naphthalene	11.74	128	81006	2.92	ng/ul	99
30) 4-Chloroaniline	11.84	127	36549	3.62	ng/ul	99
31) Hexachlorobutadiene	12.00	225	12214	2.87	ng/ul	95
32) Caprolactam	12.59	113	8638m	2.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	25199	2.73	ng/ul	94
34) 2-Methylnaphthalene	13.29	142	60397	3.05	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	26623	3.06	ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5320	1.03	ng/ul	96
39) 2,4,6-Trichlorophenol	13.87	196	16953	3.13	ng/ul	99
40) 2,4,5-Trichlorophenol	13.94	196	18420	3.03	ng/ul	98
41) 1,1'-Biphenyl	14.26	154	76430	2.98	ng/ul#	97
42) 2-Chloronaphthalene	14.32	162	58432	3.00	ng/ul	99
43) 2-Nitroaniline	14.50	65	15365	2.60	ng/ul#	74
45) Dimethylphthalate	14.83	163	78084	3.07	ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	14649	3.08	ng/ul	91
48) Acenaphthylene	15.14	152	100728	3.09	ng/ul	100
49) 3-Nitroaniline	15.30	138	17952	3.48	ng/ul#	89
50) Acenaphthene	15.47	153	65308	2.98	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3098	1.88	ng/ul#	1
53) 4-Nitrophenol	15.59	109	8643	2.62	ng/ul	82
54) Dibenzofuran	15.80	168	90826	3.11	ng/ul	95
55) 2,4-Dinitrotoluene	15.75	165	22326	3.30	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	16.02	232	12464	2.70	ng/ul#	98
57) Diethylphthalate	16.16	149	79951	2.94	ng/ul	98
59) Fluorene	16.44	166	76332	3.09	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	34298	3.03	ng/ul	97
61) 4-Nitroaniline	16.44	138	19149	3.21	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	16.51	198	11021	3.76	ng/ul#	69
65) N-Nitrosodiphenylamine	16.62	169	65999	3.03	ng/ul	98
66) 4-Bromophenyl-phenylether	17.30	248	20368	2.94	ng/ul	98
67) Hexachlorobenzene	17.43	284	24006	3.04	ng/ul	92
68) Atrazine	17.53	200	23126	3.05	ng/ul	99
69) Pentachlorophenol	17.77	266	4682	1.21	ng/ul	97
70) Phenanthrene	18.16	178	120080	3.14	ng/ul	98
72) Anthracene	18.26	178	123635	3.13	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	24740	2.74	ng/uL	99
74) Pentachlorobenzene	15.72	250	25547	2.92	ng/uL	98
75) Carbazole	18.51	167	115151	3.22	ng/ul	99
76) Di-n-butylphthalate	19.00	149	143420	2.99	ng/ul	99
77) Fluoranthene	20.12	202	136461	3.37	ng/ul	97
80) Pyrene	20.47	202	143949	3.19	ng/ul	94
81) Butylbenzylphthalate	21.27	149	66583	2.98	ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	51776	3.86	ng/ul	99
83) Benzo(a)anthracene	22.19	228	137659	3.23	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.03	149	98245	3.04	ng/ul	99
85) Chrysene	22.24	228	129794	3.21	ng/ul	98
87) Di-n-octyl phthalate	23.02	149	169273	3.11	ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	142542	3.21	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	127385	2.99	ng/ul	100
91) Benzo(a)pyrene	24.74	252	138418	3.26	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.66	276	154263	3.17	ng/ul	98
93) Dibenzo(a,h)anthracene	27.67	278	130511	3.17	ng/ul	98
94) Benzo(g,h,i)perylene	28.53	276	128914	3.14	ng/ul	97

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

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