Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002512.D
Acq On : 20 Aug 2015 03:59
Operator : UM/IZ
Sample : MDL-03-S-ML
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 20 05:35:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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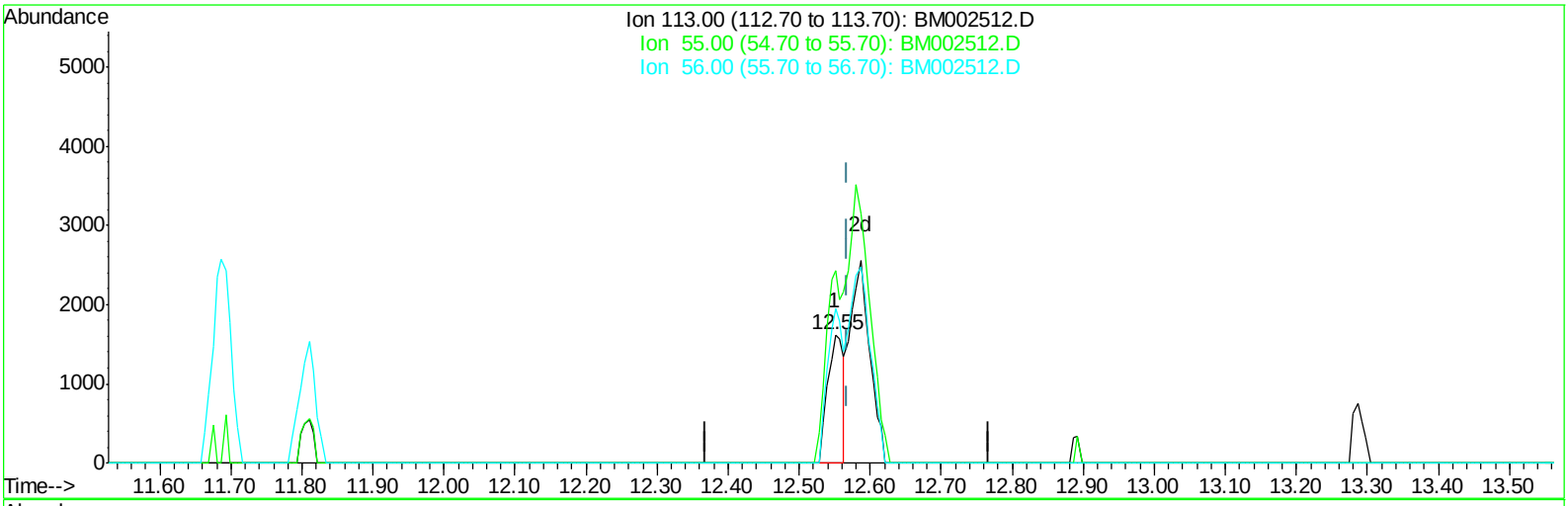

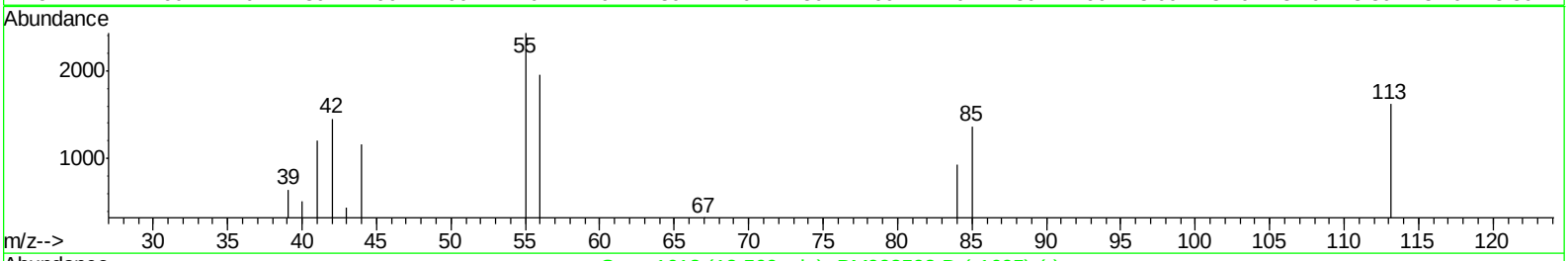

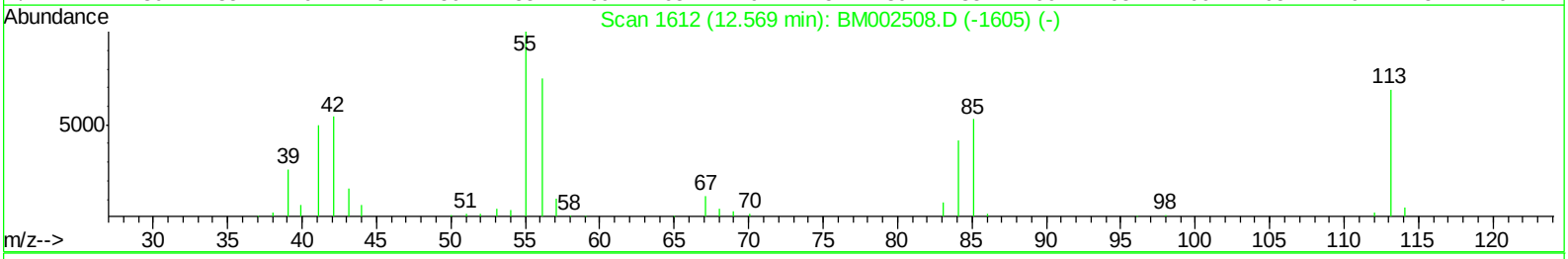

TIC: BM002512.D

(32) Caprolactam

12.551min (-0.018) 0.85ng/ul

response 2585

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	150.31#
56.00	139.20	120.52
0.00	0.00	0.00

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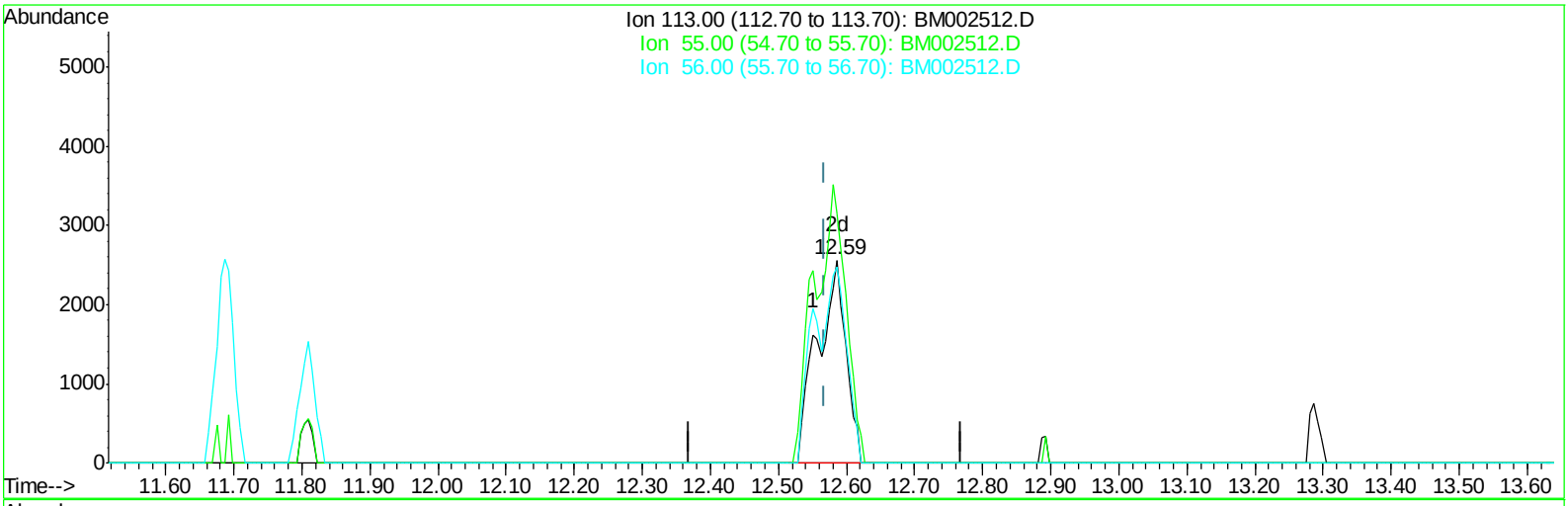

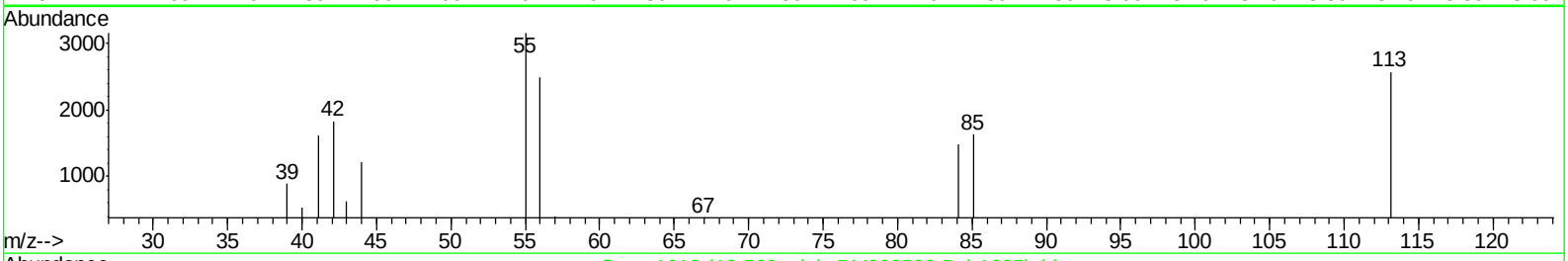

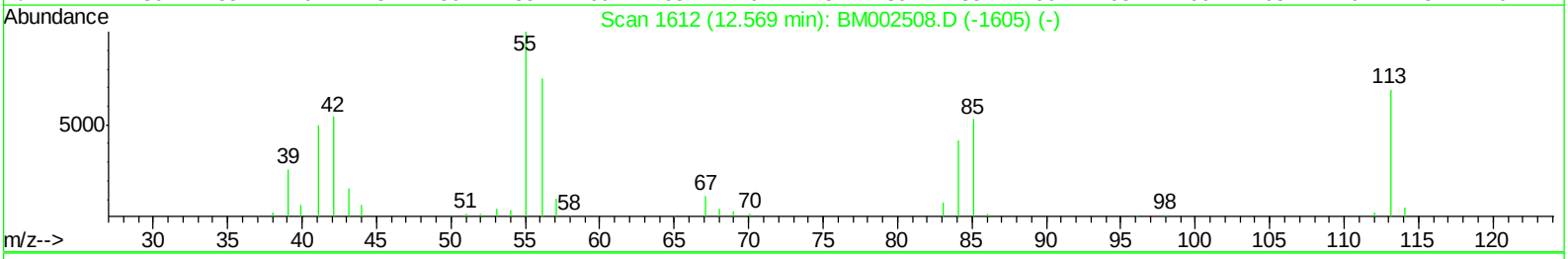

TIC: BM002512.D

(32) Caprolactam

12.586min (+0.018) 2.45ng/ul m

response 7439

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	122.98#
56.00	139.20	96.88#
0.00	0.00	0.00

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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	8.82	152	106749	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	525917	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	300112	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	660923	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	728231	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	729202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	12102	5.24	ng/uL	0.00
5) Phenol-d5	7.93	99	268590	27.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	153714	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	239031	29.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	241738	29.22	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	129295	32.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	137693	39.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	228514	29.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	305111	30.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.78	166	781540	31.63	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	965505	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	148068	33.21	ng/ul	0.00
58) Fluorene-d10	16.38	176	658440	30.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	108902	41.93	ng/ul	0.00
71) Anthracene-d10	18.22	188	1018339	31.75	ng/ul	0.00
79) Pyrene-d10	20.44	212	1087804	30.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	1262442	32.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1198	0.46	ng/uL#	32
4) Benzaldehyde	7.93	77	14460	2.54	ng/ul	91
6) Phenol	7.96	94	22511	2.28	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.20	93	18979	2.49	ng/ul	95
10) 2-Chlorophenol	8.37	128	19500	2.40	ng/ul	93
11) 2-Methylphenol	9.25	108	17888	2.28	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	25870	1.90	ng/ul#	94
14) Acetophenone	9.66	105	31309	2.54	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.62	70	14838	2.24	ng/ul#	95
16) 4-Methylphenol	9.58	108	19630	2.29	ng/ul	96
17) Hexachloroethane	9.93	117	7125	2.22	ng/ul	91
20) Nitrobenzene	10.06	77	21054	2.30	ng/ul	94
21) Isophorone	10.57	82	42522	2.33	ng/ul	96
23) 2-Nitrophenol	10.78	139	11858	2.99	ng/ul#	86
24) 2,4-Dimethylphenol	10.81	107	21086	2.17	ng/ul	92
25) Bis(2-Chloroethoxy)methane	11.05	93	26256	2.32	ng/ul	97
27) 2,4-Dichlorophenol	11.32	162	18399	2.50	ng/ul#	88
28) Naphthalene	11.74	128	68502	2.47	ng/ul	100
30) 4-Chloroaniline	11.83	127	25599	2.54	ng/ul	99
31) Hexachlorobutadiene	11.99	225	10474	2.46	ng/ul	97
32) Caprolactam	12.59	113	7439m	2.45	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	21328	2.32	ng/ul	94
34) 2-Methylnaphthalene	13.29	142	49981	2.53	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	22320	2.59	ng/ul#	96
38) Hexachlorocyclopentadiene	13.60	237	4176	0.82	ng/ul	94
39) 2,4,6-Trichlorophenol	13.86	196	13527	2.52	ng/ul	97
40) 2,4,5-Trichlorophenol	13.94	196	15431	2.56	ng/ul	96
41) 1,1'-Biphenyl	14.25	154	64949	2.56	ng/ul	99
42) 2-Chloronaphthalene	14.31	162	48875	2.53	ng/ul	98
43) 2-Nitroaniline	14.50	65	13048	2.23	ng/ul	85
45) Dimethylphthalate	14.83	163	64690	2.57	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	12216	2.59	ng/ul	91
48) Acenaphthylene	15.14	152	84197	2.61	ng/ul	99
49) 3-Nitroaniline	15.30	138	14706	2.88	ng/ul#	86
50) Acenaphthene	15.47	153	55036	2.53	ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	2357	1.45	ng/ul#	1
53) 4-Nitrophenol	15.58	109	7615	2.33	ng/ul	88
54) Dibenzofuran	15.79	168	75778	2.62	ng/ul	98
55) 2,4-Dinitrotoluene	15.74	165	18590	2.78	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.01	232	10858	2.37	ng/ul#	97
57) Diethylphthalate	16.16	149	66512	2.47	ng/ul	99
59) Fluorene	16.43	166	64187	2.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	28821	2.57	ng/ul	100
61) 4-Nitroaniline	16.44	138	16165	2.74	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	16.50	198	8981	3.08	ng/ul#	86
65) N-Nitrosodiphenylamine	16.62	169	54374	2.51	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	17434	2.52	ng/ul	98
67) Hexachlorobenzene	17.42	284	20328	2.58	ng/ul	97
68) Atrazine	17.52	200	11772	1.56	ng/ul	98
69) Pentachlorophenol	17.76	266	4139	1.07	ng/ul	97
70) Phenanthrene	18.16	178	102666	2.70	ng/ul	100
72) Anthracene	18.24	178	103870	2.64	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	21041	2.34	ng/uL	99
74) Pentachlorobenzene	15.71	250	21528	2.48	ng/uL	99
75) Carbazole	18.50	167	92886	2.61	ng/ul	98
76) Di-n-butylphthalate	18.99	149	118938	2.49	ng/ul	99
77) Fluoranthene	20.10	202	115350	2.87	ng/ul	99
80) Pyrene	20.46	202	123476	2.62	ng/ul	97
81) Butylbenzylphthalate	21.27	149	56727	2.44	ng/ul	89
82) 3,3'-Dichlorobenzidine	22.09	252	31721	2.27	ng/ul	98
83) Benzo(a)anthracene	22.18	228	119665	2.69	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	22.02	149	84026	2.50	ng/ul	98
85) Chrysene	22.24	228	111952	2.66	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	147372	2.65	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	120275	2.65	ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	119276	2.74	ng/ul	100
91) Benzo(a)pyrene	24.73	252	121521	2.80	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.64	276	137229	2.76	ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	116507	2.77	ng/ul	99
94) Benzo(g,h,i)perylene	28.50	276	114887	2.74	ng/ul	99

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

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