Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002494.D
Acq On : 19 Aug 2015 17:00
Operator : UM/IZ
Sample : MDL-03-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 20 02:31:40 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-03-W

Manual Integrations APPROVED
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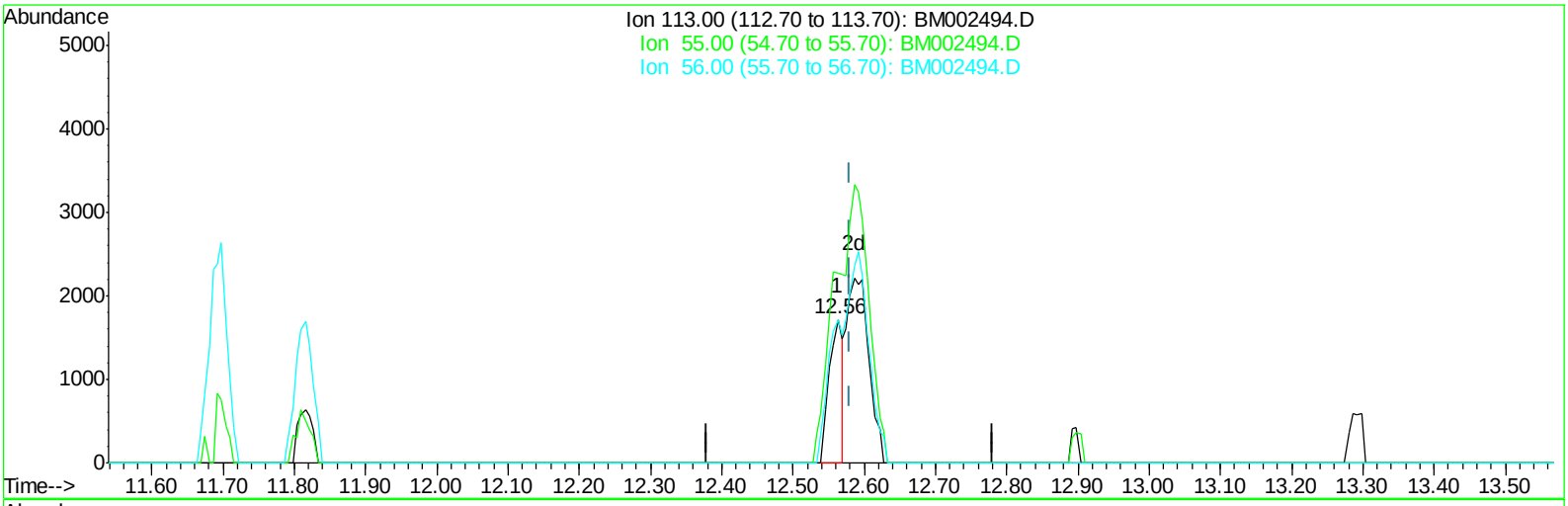

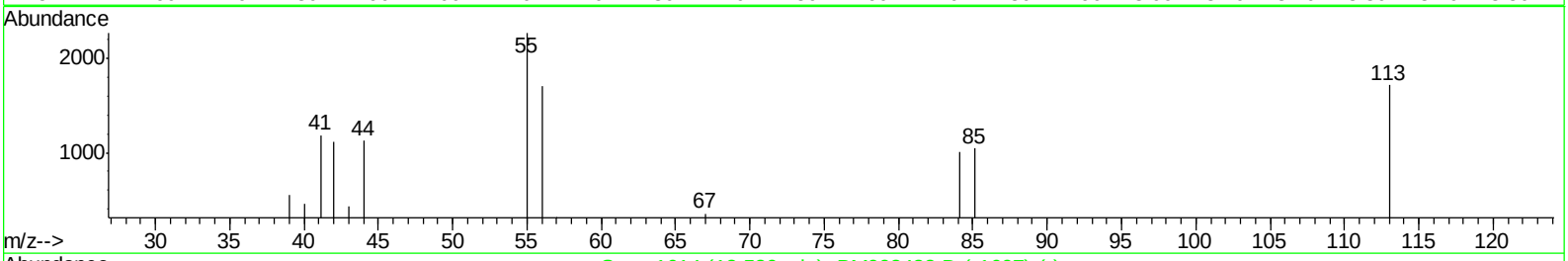

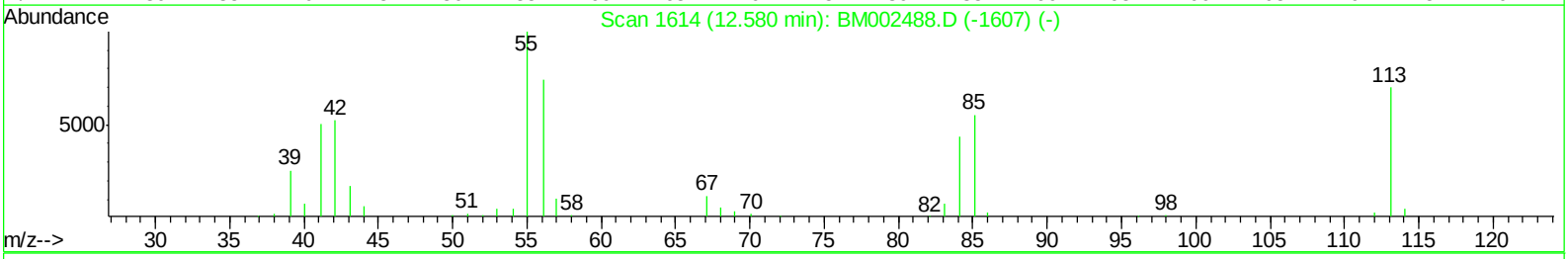

TIC: BM002494.D

(32) Caprolactam

12.563min (-0.018) 0.78ng/ul

response 2264

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	132.34#
56.00	139.20	99.59#
0.00	0.00	0.00

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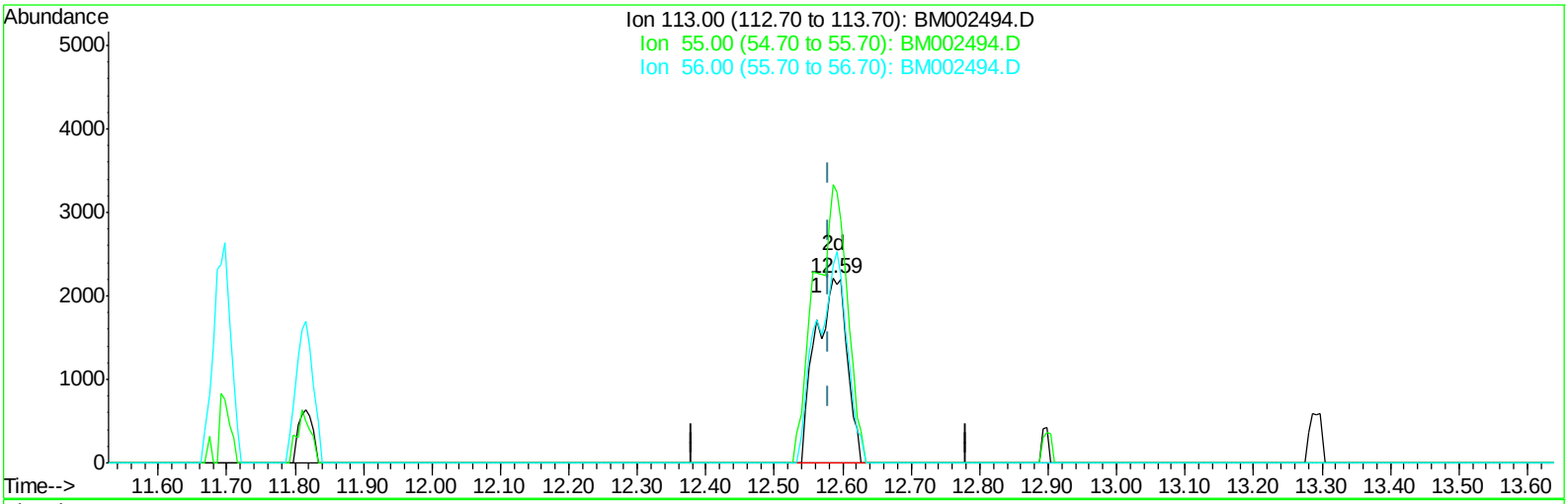

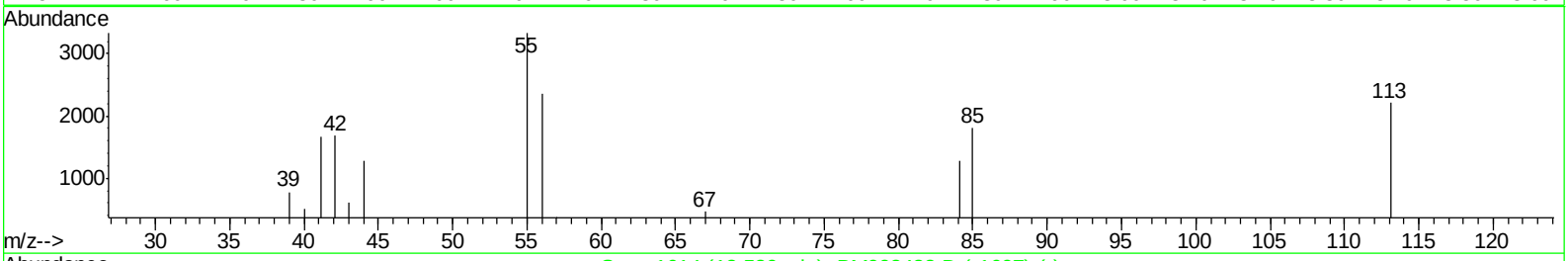

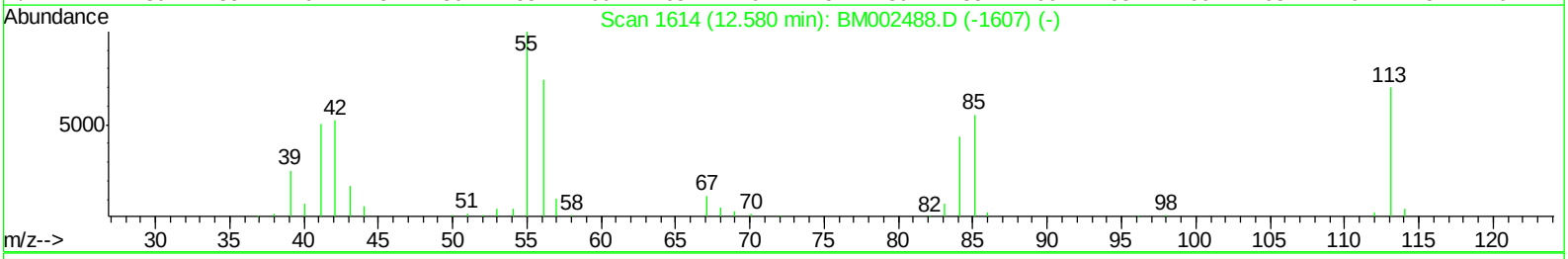

TIC: BM002494.D

(32) Caprolactam

12.586min (+0.006) 2.41ng/ul m

response 7043

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	150.81#
56.00	139.20	106.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 20 03:25:45 2015
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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	103688	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	505864	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	292796	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	642674	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	678971	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	633156	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	12379	5.52	ng/uL	0.00
5) Phenol-d5	7.93	99	258529	27.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	147279	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	233268	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	233704	29.09	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	122719	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.76	143	134431	40.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	220651	29.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	374121	38.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	759890	31.53	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	937172	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	139888	32.16	ng/ul	0.00
58) Fluorene-d10	16.39	176	639608	30.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	102005	40.39	ng/ul	0.00
71) Anthracene-d10	18.22	188	986937	31.65	ng/ul	0.00
79) Pyrene-d10	20.44	212	1039116	31.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1101495	32.76	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1167	0.46	ng/uL#	10
4) Benzaldehyde	7.93	77	14368	2.60	ng/ul	97
6) Phenol	7.96	94	22013	2.29	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.21	93	18143	2.45	ng/ul	91
10) 2-Chlorophenol	8.37	128	18788	2.38	ng/ul	92
11) 2-Methylphenol	9.26	108	17339	2.28	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	24451	1.85	ng/ul#	93
14) Acetophenone	9.66	105	30300	2.53	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.63	70	14675	2.28	ng/ul	94
16) 4-Methylphenol	9.59	108	19409	2.33	ng/ul	100
17) Hexachloroethane	9.94	117	6896	2.21	ng/ul	94
20) Nitrobenzene	10.06	77	20094	2.28	ng/ul#	88
21) Isophorone	10.58	82	41335	2.35	ng/ul	96
23) 2-Nitrophenol	10.79	139	11866	3.11	ng/ul#	86
24) 2,4-Dimethylphenol	10.82	107	20827	2.22	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	24842	2.29	ng/ul	97
27) 2,4-Dichlorophenol	11.32	162	18067	2.56	ng/ul#	84
28) Naphthalene	11.74	128	65743	2.47	ng/ul	99
30) 4-Chloroaniline	11.84	127	31407	3.24	ng/ul	98
31) Hexachlorobutadiene	11.99	225	10298	2.52	ng/ul	94
32) Caprolactam	12.59	113	7043m	2.41	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	20931	2.36	ng/ul	90
34) 2-Methylnaphthalene	13.29	142	48749	2.56	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	21344	2.54 ng/ul	96
38) Hexachlorocyclopentadiene	13.61	237	4046	0.81 ng/ul	99
39) 2,4,6-Trichlorophenol	13.87	196	13641	2.60 ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	14794	2.52 ng/ul	95
41) 1,1'-Biphenyl	14.26	154	62597	2.53 ng/ul	96
42) 2-Chloronaphthalene	14.32	162	47131	2.50 ng/ul	98
43) 2-Nitroaniline	14.50	65	12144	2.13 ng/ul	85
45) Dimethylphthalate	14.83	163	63321	2.57 ng/ul	100
46) 2,6-Dinitrotoluene	14.97	165	12131	2.63 ng/ul	91
48) Acenaphthylene	15.14	152	80261	2.55 ng/ul	99
49) 3-Nitroaniline	15.30	138	14415	2.89 ng/ul	85
50) Acenaphthene	15.47	153	53101	2.51 ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	2203	1.39 ng/ul#	1
53) 4-Nitrophenol	15.59	109	7504	2.35 ng/ul	94
54) Dibenzofuran	15.80	168	73871	2.61 ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	17884	2.74 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	16.02	232	10694	2.39 ng/ul#	95
57) Diethylphthalate	16.16	149	65166	2.48 ng/ul	99
59) Fluorene	16.44	166	62997	2.64 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.41	204	28825	2.64 ng/ul	93
61) 4-Nitroaniline	16.44	138	15645	2.71 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.51	198	8206	2.89 ng/ul#	61
65) N-Nitrosodiphenylamine	16.62	169	52178	2.48 ng/ul	97
66) 4-Bromophenyl-phenylether	17.30	248	16641	2.48 ng/ul	96
67) Hexachlorobenzene	17.43	284	19533	2.55 ng/ul	97
68) Atrazine	17.53	200	10212	1.39 ng/ul	98
69) Pentachlorophenol	17.77	266	3821	1.02 ng/ul	93
70) Phenanthrene	18.16	178	98744	2.67 ng/ul	100
72) Anthracene	18.26	178	99688	2.61 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.24	216	20256	2.32 ng/uL	95
74) Pentachlorobenzene	15.72	250	21041	2.49 ng/uL	97
75) Carbazole	18.51	167	87958	2.54 ng/ul	98
76) Di-n-butylphthalate	18.99	149	115418	2.49 ng/ul	99
77) Fluoranthene	20.11	202	110681	2.83 ng/ul	100
80) Pyrene	20.47	202	117777	2.68 ng/ul	96
81) Butylbenzylphthalate	21.27	149	53821	2.48 ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	27004	2.07 ng/ul	99
83) Benzo(a)anthracene	22.19	228	111374	2.69 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.03	149	80608	2.57 ng/ul	98
85) Chrysene	22.24	228	105553	2.69 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	135608	2.81 ng/ul	100
88) Benzo(b)fluoranthene	24.04	252	111351	2.83 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	108694	2.88 ng/ul	99
91) Benzo(a)pyrene	24.74	252	108208	2.87 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.66	276	120794	2.80 ng/ul	98
93) Dibenzo(a,h)anthracene	27.66	278	102998	2.82 ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	99287	2.73 ng/ul	96

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

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