Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002501.D
Acq On : 19 Aug 2015 21:18
Operator : UM/IZ
Sample : MDL-01-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 20 03:47:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
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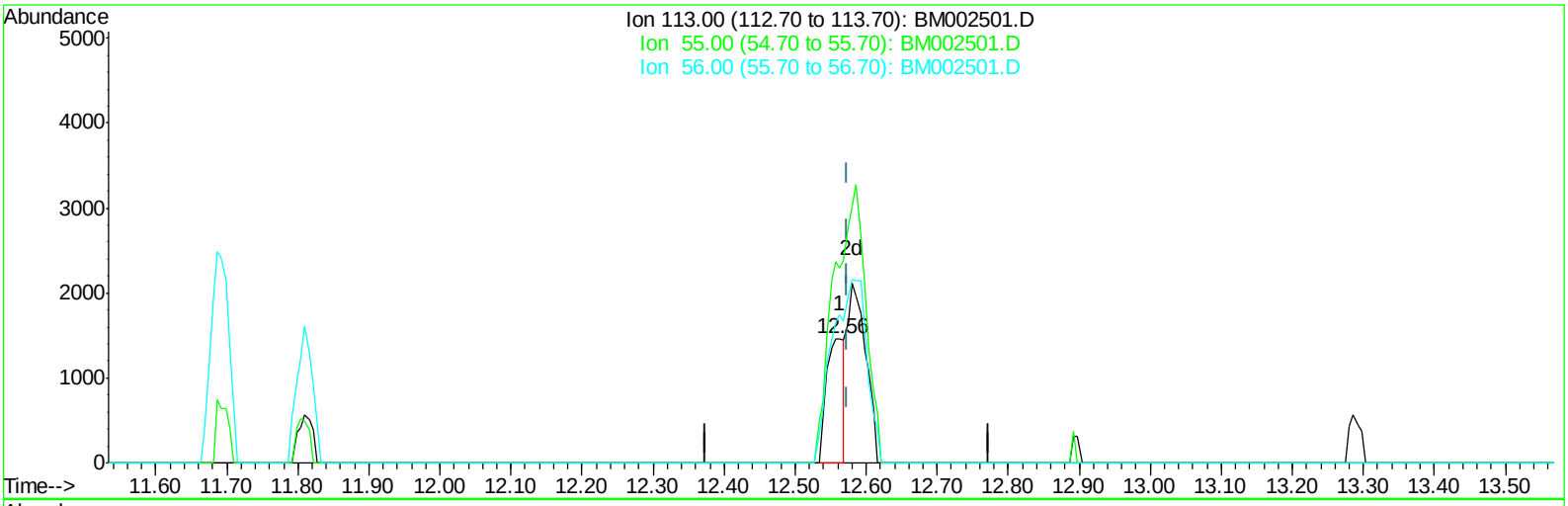

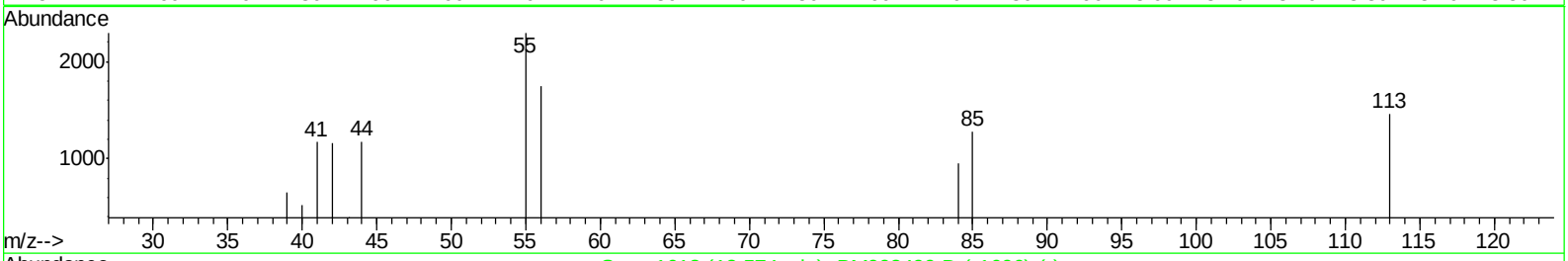

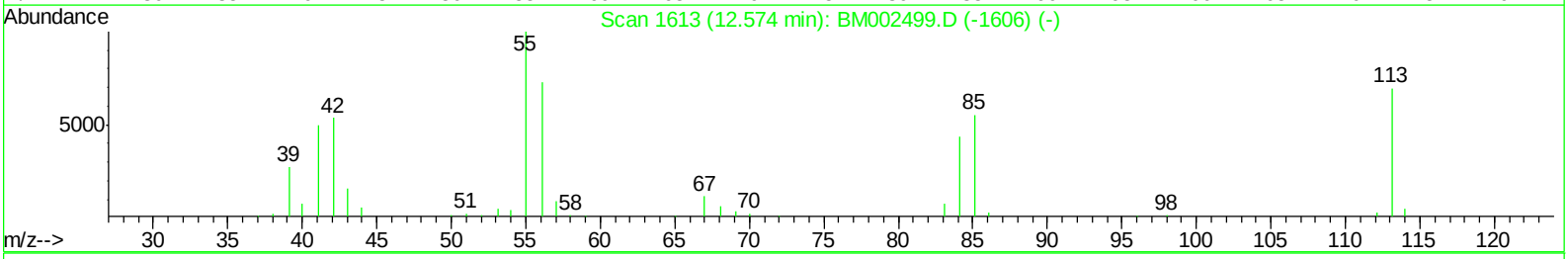

TIC: BM002501.D

(32) Caprolactam

12.563min (-0.012) 0.90ng/ul

response 2605

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	156.37
56.00	139.20	118.95
0.00	0.00	0.00

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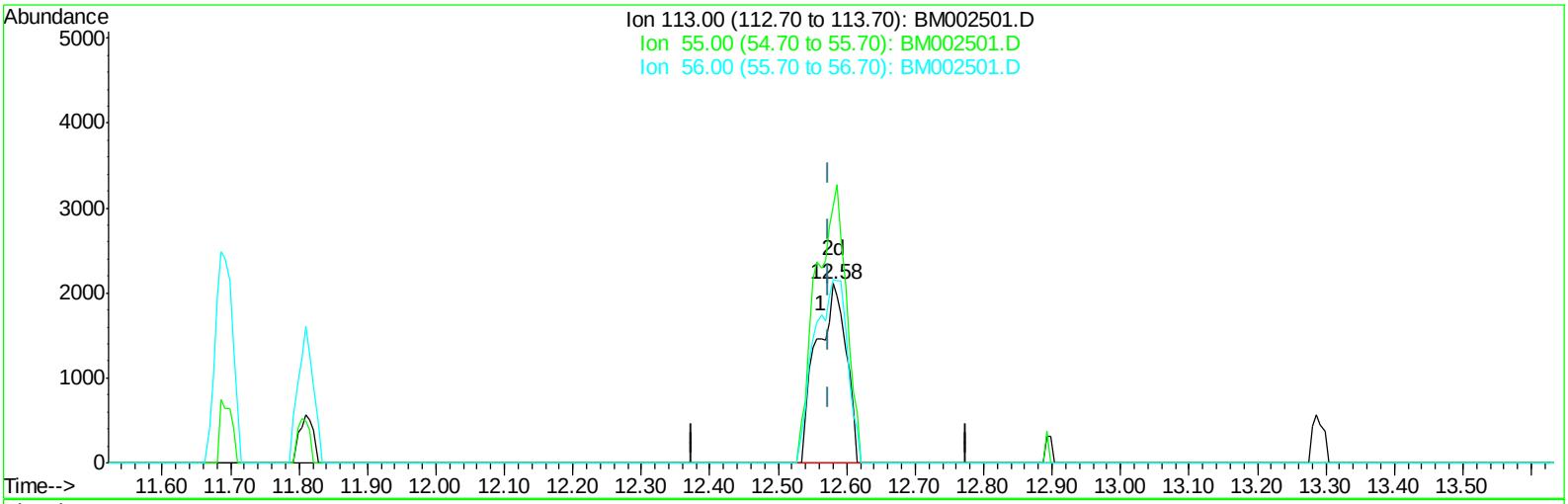

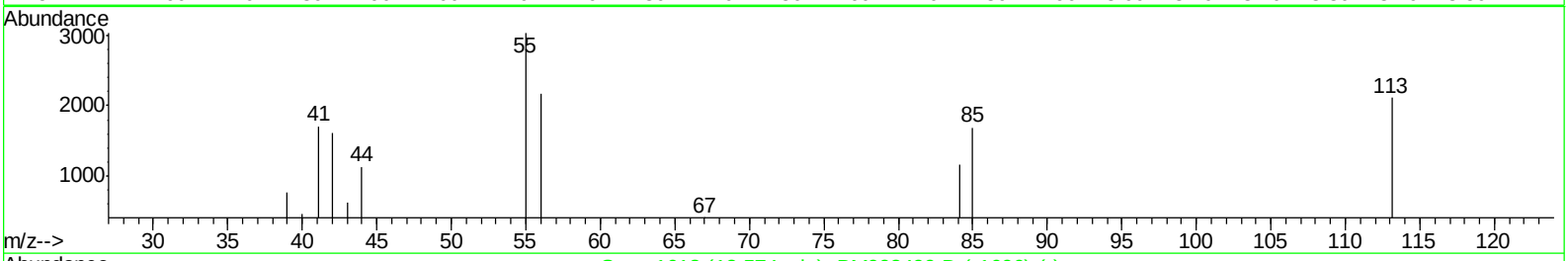

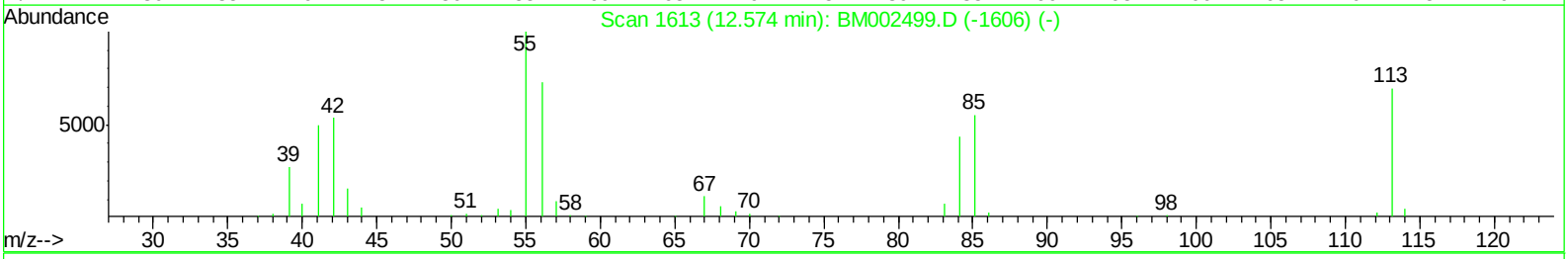

TIC: BM002501.D

(32) Caprolactam

12.580min (+0.006) 2.18ng/ul m

response 6324

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	143.53#
56.00	139.20	102.65#
0.00	0.00	0.00

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8/20/2015 3:36:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	102448	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	503479	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	292259	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	644188	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	702768	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	720806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	10830	4.88	ng/uL	0.00
5) Phenol-d5	7.93	99	238346	25.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	135702	24.80	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	211460	27.61	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	213560	26.90	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	111096	29.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	121571	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	201026	27.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	324101	33.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	705162	29.31	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	863706	28.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	130897	30.14	ng/ul	0.00
58) Fluorene-d10	16.38	176	589414	27.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	95092	37.56	ng/ul	0.00
71) Anthracene-d10	18.22	188	926274	29.63	ng/ul	0.00
79) Pyrene-d10	20.44	212	982059	28.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1146402	29.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1034	0.41	ng/uL#	8
4) Benzaldehyde	7.93	77	12967	2.37	ng/ul	96
6) Phenol	7.96	94	20326	2.14	ng/ul	92
8) Bis(2-Chloroethyl)ether	8.20	93	16922	2.31	ng/ul	94
10) 2-Chlorophenol	8.37	128	17662	2.26	ng/ul	91
11) 2-Methylphenol	9.25	108	15871	2.11	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.35	45	22343	1.71	ng/ul#	94
14) Acetophenone	9.66	105	27700	2.34	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	13392	2.11	ng/ul	94
16) 4-Methylphenol	9.58	108	17596	2.14	ng/ul	100
17) Hexachloroethane	9.93	117	6024	1.95	ng/ul	96
20) Nitrobenzene	10.06	77	18485	2.11	ng/ul#	87
21) Isophorone	10.58	82	38041	2.18	ng/ul	96
23) 2-Nitrophenol	10.78	139	10911	2.87	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	19750	2.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.05	93	23497	2.17	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	16572	2.36	ng/ul#	86
28) Naphthalene	11.75	128	60552	2.28	ng/ul	98
30) 4-Chloroaniline	11.83	127	27566	2.86	ng/ul	99
31) Hexachlorobutadiene	11.99	225	9317	2.29	ng/ul	96
32) Caprolactam	12.58	113	6324m	2.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	18686	2.12	ng/ul	92
34) 2-Methylnaphthalene	13.29	142	44735	2.36	ng/ul	98

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Quant Time: Aug 20 04:09:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	19548	2.33	ng/ul	95
38) Hexachlorocyclopentadiene	13.60	237	3349	0.67	ng/ul	98
39) 2,4,6-Trichlorophenol	13.87	196	12481	2.39	ng/ul	94
40) 2,4,5-Trichlorophenol	13.94	196	13477	2.30	ng/ul	95
41) 1,1'-Biphenyl	14.25	154	58211	2.36	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	43484	2.32	ng/ul	96
43) 2-Nitroaniline	14.50	65	11632	2.04	ng/ul	86
45) Dimethylphthalate	14.83	163	59149	2.41	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	11249	2.45	ng/ul	89
48) Acenaphthylene	15.14	152	75335	2.40	ng/ul	99
49) 3-Nitroaniline	15.30	138	13324	2.68	ng/ul#	89
50) Acenaphthene	15.47	153	49336	2.33	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	2076	1.31	ng/ul#	1
53) 4-Nitrophenol	15.58	109	6747	2.12	ng/ul#	79
54) Dibenzofuran	15.80	168	68735	2.44	ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	16872	2.59	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.01	232	9359	2.10	ng/ul#	97
57) Diethylphthalate	16.16	149	60382	2.30	ng/ul	98
59) Fluorene	16.43	166	58240	2.45	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.40	204	26440	2.42	ng/ul	95
61) 4-Nitroaniline	16.44	138	14875	2.59	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.50	198	8109	2.85	ng/ul#	70
65) N-Nitrosodiphenylamine	16.62	169	50232	2.38	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	15567	2.31	ng/ul	95
67) Hexachlorobenzene	17.43	284	18381	2.40	ng/ul	95
68) Atrazine	17.53	200	17202	2.34	ng/ul	97
69) Pentachlorophenol	17.77	266	3143	0.84	ng/ul	95
70) Phenanthrene	18.16	178	93482	2.52	ng/ul	100
72) Anthracene	18.25	178	94991	2.48	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	18717	2.14	ng/uL	95
74) Pentachlorobenzene	15.72	250	19432	2.29	ng/uL	99
75) Carbazole	18.50	167	87398	2.52	ng/ul	99
76) Di-n-butylphthalate	18.99	149	109146	2.35	ng/ul	99
77) Fluoranthene	20.11	202	105220	2.68	ng/ul	97
80) Pyrene	20.47	202	111612	2.46	ng/ul	96
81) Butylbenzylphthalate	21.27	149	51677	2.30	ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	40721	3.02	ng/ul	98
83) Benzo(a)anthracene	22.19	228	108354	2.53	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	76757	2.36	ng/ul	99
85) Chrysene	22.24	228	101690	2.50	ng/ul	100
87) Di-n-octyl phthalate	23.01	149	131674	2.39	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	109614	2.45	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	105294	2.45	ng/ul	99
91) Benzo(a)pyrene	24.74	252	108714	2.54	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.65	276	123586	2.52	ng/ul	99
93) Dibenzo(a,h)anthracene	27.66	278	103857	2.49	ng/ul	97
94) Benzo(g,h,i)perylene	28.52	276	102326	2.47	ng/ul	97

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

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