Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002513.D
Acq On : 20 Aug 2015 04:35
Operator : UM/IZ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 20 05:35:48 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-04-S-ML

Manual Integrations APPROVED
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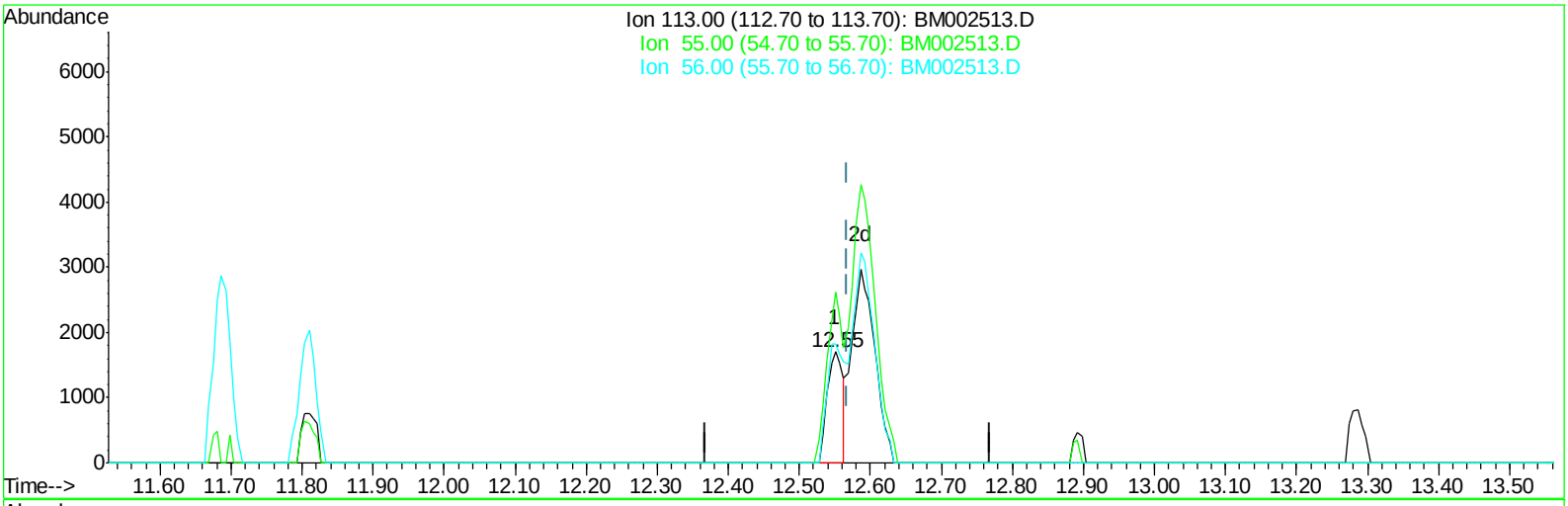

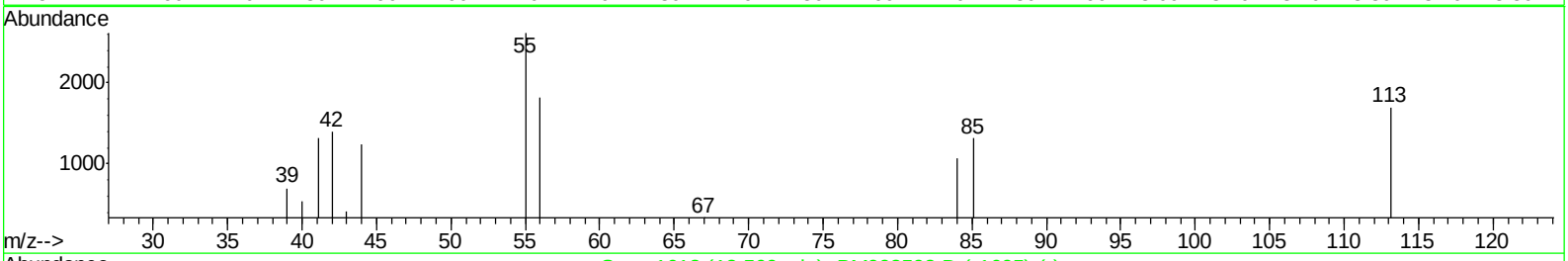

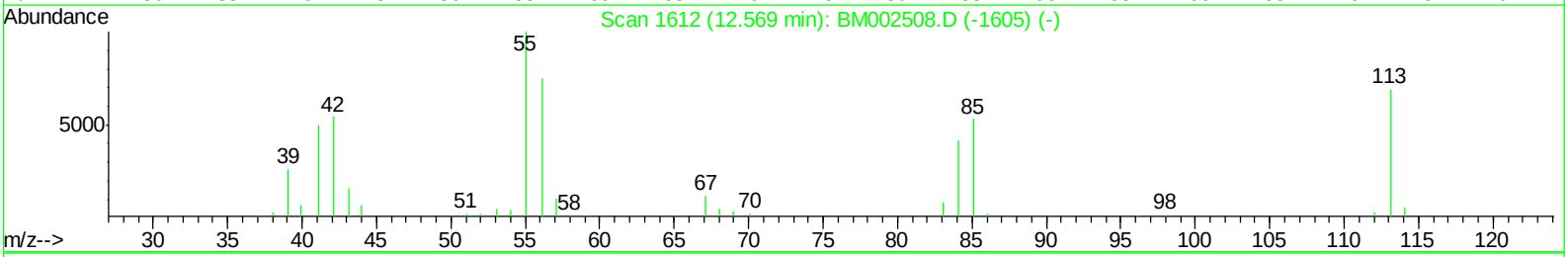

TIC: BM002513.D

(32) Caprolactam

12.551min (-0.018) 0.85ng/ul

response 2681

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	154.03
56.00	139.20	107.06#
0.00	0.00	0.00

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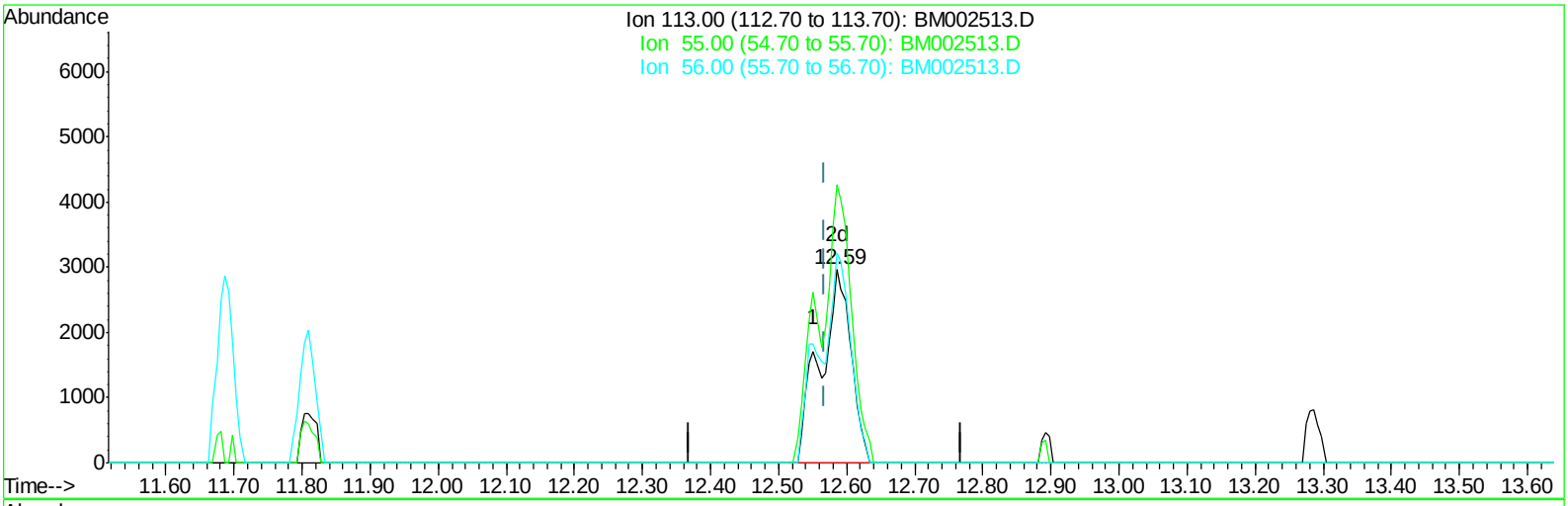

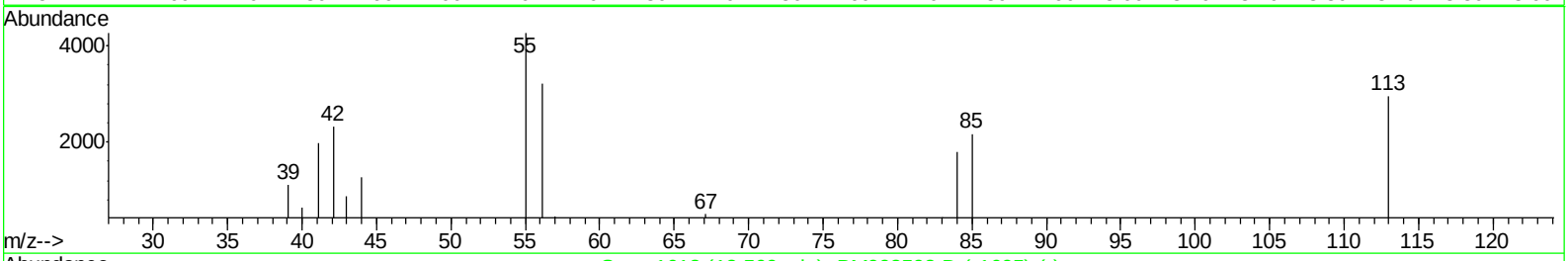

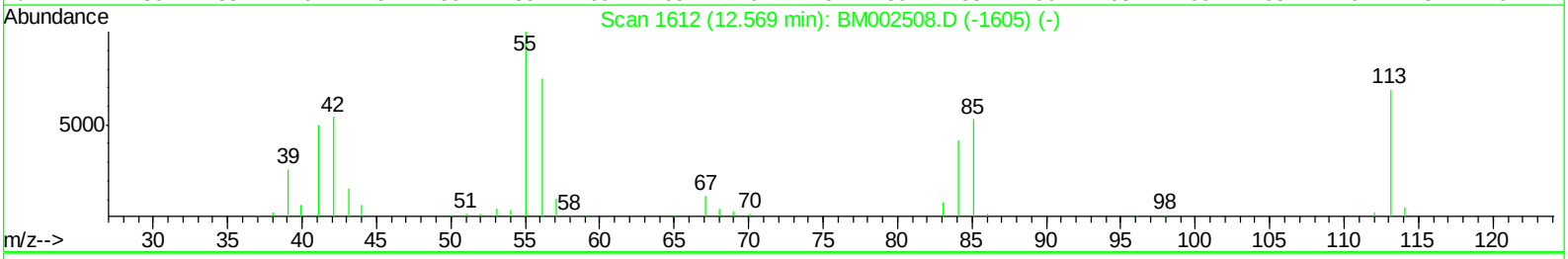

TIC: BM002513.D

(32) Caprolactam

12.586min (+0.018) 2.96ng/ul m

response 9315

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	144.24#
56.00	139.20	108.72#
0.00	0.00	0.00

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Quant Time: Aug 20 05:49:54 2015
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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	111905	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	545806	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	313313	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	683993	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	754131	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	772744	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14463	5.97	ng/uL	0.00
5) Phenol-d5	7.93	99	325102	32.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	185630	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	289063	34.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	292137	33.69	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	154437	37.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	167338	46.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	274613	34.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	441212	41.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	935705	36.28	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1157399	35.66	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	181610	39.01	ng/ul	0.00
58) Fluorene-d10	16.38	176	781044	34.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	134133	49.90	ng/ul	0.00
71) Anthracene-d10	18.22	188	1227619	36.99	ng/ul	0.00
79) Pyrene-d10	20.44	212	1305088	35.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1541917	37.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1285	0.47	ng/uL#	1
4) Benzaldehyde	7.93	77	17759	2.97	ng/ul	95
6) Phenol	7.96	94	26753	2.58	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.20	93	23018	2.88	ng/ul	95
10) 2-Chlorophenol	8.37	128	23667	2.77	ng/ul	92
11) 2-Methylphenol	9.25	108	21675	2.64	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31251	2.19	ng/ul#	96
14) Acetophenone	9.66	105	37937	2.94	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.63	70	18257	2.63	ng/ul#	92
16) 4-Methylphenol	9.58	108	24228	2.70	ng/ul	94
17) Hexachloroethane	9.93	117	8518	2.53	ng/ul	97
20) Nitrobenzene	10.06	77	25796	2.72	ng/ul	94
21) Isophorone	10.57	82	51499	2.72	ng/ul	97
23) 2-Nitrophenol	10.78	139	14775	3.59	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	26285	2.60	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.05	93	31165	2.66	ng/ul	96
27) 2,4-Dichlorophenol	11.32	162	22701	2.98	ng/ul	95
28) Naphthalene	11.74	128	82707	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	37558	3.59	ng/ul	99
31) Hexachlorobutadiene	11.99	225	12788	2.90	ng/ul	95
32) Caprolactam	12.59	113	9315m	2.96	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	25441	2.66	ng/ul	91
34) 2-Methylnaphthalene	13.29	142	60247	2.93	ng/ul	100

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Manual Integrations APPROVED
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8/20/2015 3:37:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.63	216	26801	2.98	ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5574	1.05	ng/ul	94
39) 2,4,6-Trichlorophenol	13.86	196	16692	2.98	ng/ul	94
40) 2,4,5-Trichlorophenol	13.94	196	18563	2.95	ng/ul	96
41) 1,1'-Biphenyl	14.25	154	77791	2.94	ng/ul	97
42) 2-Chloronaphthalene	14.31	162	59069	2.93	ng/ul	98
43) 2-Nitroaniline	14.50	65	15460	2.53	ng/ul#	80
45) Dimethylphthalate	14.83	163	79096	3.01	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	15313	3.11	ng/ul#	87
48) Acenaphthylene	15.14	152	101337	3.01	ng/ul	98
49) 3-Nitroaniline	15.30	138	18761	3.52	ng/ul#	87
50) Acenaphthene	15.47	153	66523	2.93	ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	3283	1.93	ng/ul#	1
53) 4-Nitrophenol	15.58	109	9053	2.65	ng/ul	81
54) Dibenzofuran	15.79	168	91984	3.04	ng/ul	97
55) 2,4-Dinitrotoluene	15.74	165	23103	3.30	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	16.01	232	12917	2.70	ng/ul#	96
57) Diethylphthalate	16.16	149	81343	2.89	ng/ul	99
59) Fluorene	16.43	166	78156	3.06	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	35297	3.02	ng/ul	93
61) 4-Nitroaniline	16.44	138	19839	3.22	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	16.50	198	11702	3.88	ng/ul#	89
65) N-Nitrosodiphenylamine	16.62	169	66407	2.96	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	20682	2.89	ng/ul	96
67) Hexachlorobenzene	17.42	284	24692	3.03	ng/ul	98
68) Atrazine	17.52	200	23795	3.05	ng/ul	97
69) Pentachlorophenol	17.76	266	5084	1.27	ng/ul	88
70) Phenanthrene	18.16	178	123660	3.14	ng/ul	99
72) Anthracene	18.24	178	127562	3.14	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	25286	2.72	ng/uL	99
74) Pentachlorobenzene	15.71	250	25756	2.86	ng/uL	97
75) Carbazole	18.50	167	116570	3.17	ng/ul	99
76) Di-n-butylphthalate	18.99	149	143087	2.90	ng/ul	99
77) Fluoranthene	20.10	202	140304	3.37	ng/ul	99
80) Pyrene	20.46	202	150306	3.08	ng/ul	96
81) Butylbenzylphthalate	21.27	149	68209	2.83	ng/ul	93
82) 3,3'-Dichlorobenzidine	22.09	252	54551	3.77	ng/ul	95
83) Benzo(a)anthracene	22.18	228	145000	3.15	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	100917	2.90	ng/ul	97
85) Chrysene	22.24	228	136637	3.13	ng/ul	99
87) Di-n-octyl phthalate	23.01	149	176463	2.99	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	143416	2.99	ng/ul	100
89) Benzo(k)fluoranthene	24.08	252	146096	3.17	ng/ul	98
91) Benzo(a)pyrene	24.73	252	148281	3.23	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.64	276	167701	3.18	ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	141263	3.17	ng/ul	99
94) Benzo(g,h,i)perylene	28.51	276	139000	3.13	ng/ul	98

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

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