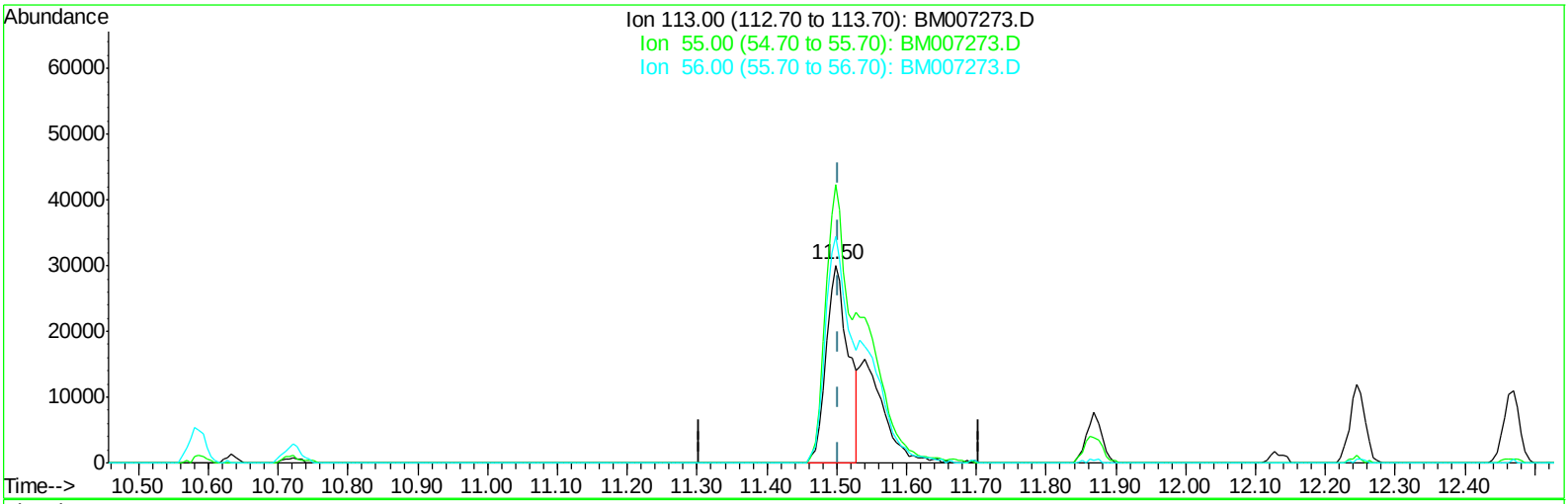
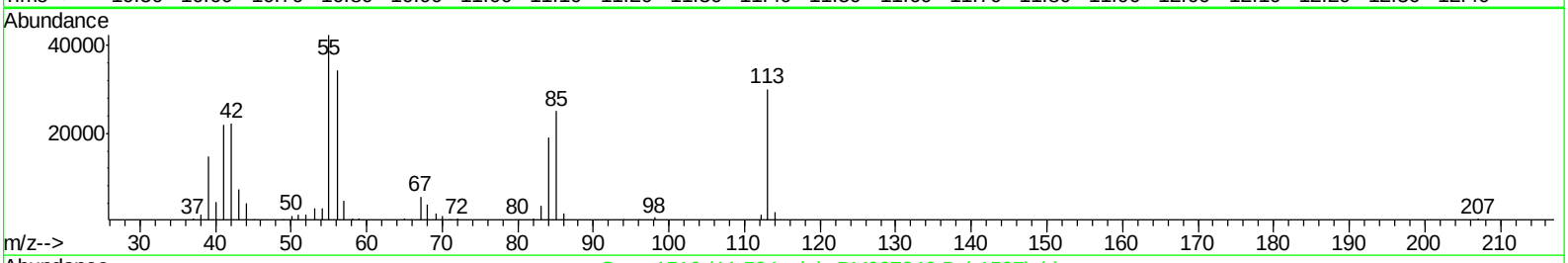
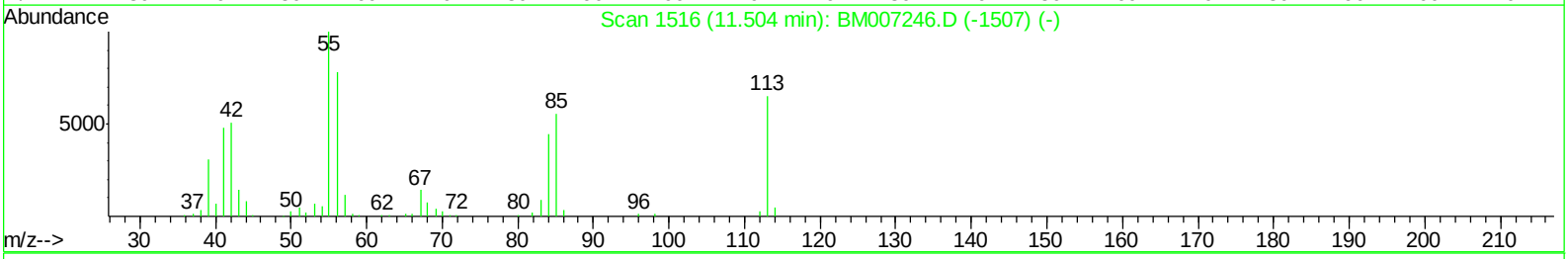
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082316\
Data File : BM007273.D
Acq On : 24 Aug 2016 07:43
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 09:15:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration







TIC: BM007273.D

(32) Caprolactam

11.498min (-0.006) 13.37ng/ul

response 66672

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	140.86
56.00	121.70	114.37
0.00	0.00	0.00

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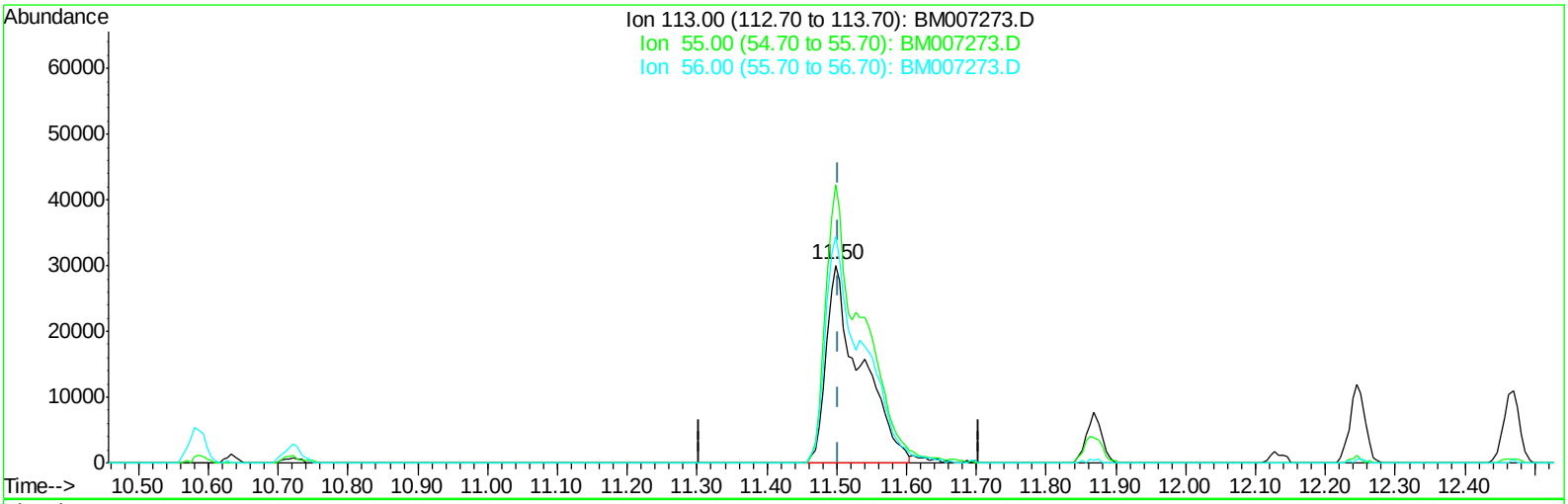

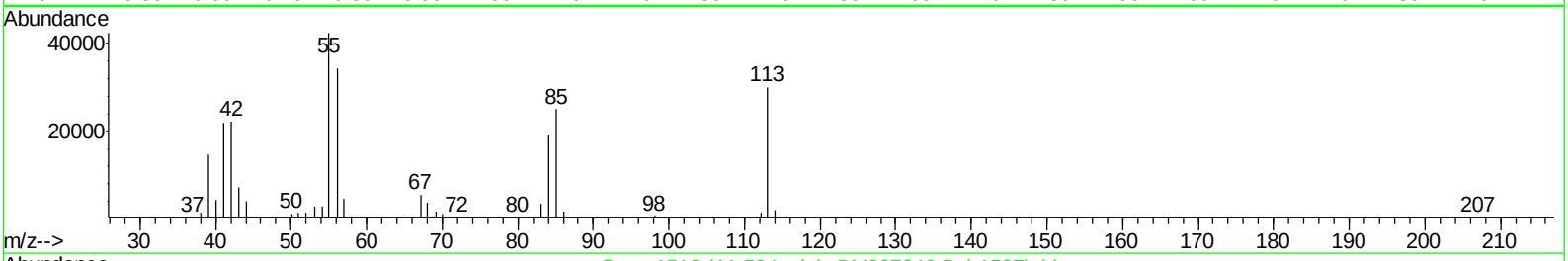

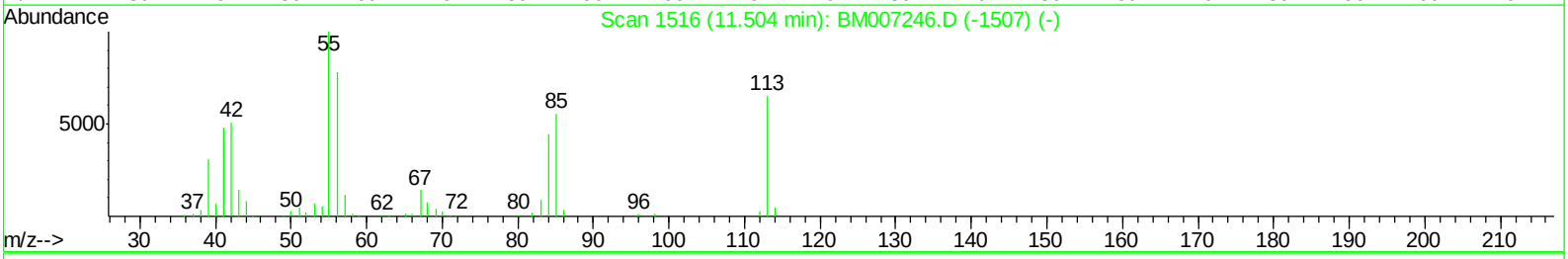

TIC: BM007273.D

(32) Caprolactam

11.498min (-0.006) 20.78ng/ul m

response 103678

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	140.86
56.00	121.70	114.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082316\
Data File : BM007273.D
Acq On : 24 Aug 2016 07:43
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 11:05:40 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	146688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	730438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	537765	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1475103	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2095017	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2357495	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	22900	7.98	ng/uL	0.00
5) Phenol-d5	6.96	99	272395	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	146889	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	203069	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	237509	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	108945	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	126878	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	258058	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	334995	21.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	952963	20.54	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1112852	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	182171	20.80	ng/ul	0.00
57) Fluorene-d10	15.42	176	835352	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	185560	20.01	ng/ul	0.00
70) Anthracene-d10	17.27	188	1414655	20.53	ng/ul	0.00
76) Pyrene-d10	19.57	212	1790600	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2226110	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	26056	8.14	ng/uL	96
4) Benzaldehyde	6.95	77	183555	23.25	ng/ul	98
6) Phenol	6.99	94	286437	19.93	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	203371	20.31	ng/ul	98
10) 2-Chlorophenol	7.36	128	210206	20.04	ng/ul	98
11) 2-Methylphenol	8.23	108	222306	19.79	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	228322	20.26	ng/ul	98
14) Acetophenone	8.62	105	384601	20.75	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	201864	20.49	ng/ul	98
16) 4-Methylphenol	8.56	108	254850	20.22	ng/ul	94
17) Hexachloroethane	8.87	117	83604	20.50	ng/ul	97
20) Nitrobenzene	8.99	77	285224	20.71	ng/ul	98
21) Isophorone	9.52	82	581173	20.71	ng/ul	99
23) 2-Nitrophenol	9.70	139	138186	20.30	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	313350	20.87	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	319413	20.20	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	257544	20.80	ng/ul	99
28) Naphthalene	10.63	128	740147	20.37	ng/ul	100
30) 4-Chloroaniline	10.75	127	346763	21.66	ng/ul	100
31) Hexachlorobutadiene	10.92	225	174724	20.88	ng/ul	99
32) Caprolactam	11.50	113	103678m	20.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	319583	20.85	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	619333	20.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	370189	20.67 ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	214975	19.90 ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	256778	20.27 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	272030	20.60 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	863092	20.70 ng/ul	97
41) 2-Chloronaphthalene	13.30	162	672954	20.58 ng/ul	99
42) 2-Nitroaniline	13.51	65	224996	21.07 ng/ul	98
44) Dimethylphthalate	13.89	163	959571	20.76 ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	199422	21.11 ng/ul	92
47) Acenaphthylene	14.15	152	1153072	20.84 ng/ul	99
48) 3-Nitroaniline	14.34	138	209059	21.68 ng/ul	100
49) Acenaphthene	14.49	153	744922	20.69 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	124257	19.40 ng/ul#	84
52) 4-Nitrophenol	14.64	109	205614	22.07 ng/ul	85
53) Dibenzofuran	14.83	168	1123344	20.85 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	307922	21.27 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	278649	20.57 ng/ul	98
56) Diethylphthalate	15.26	149	1008181	20.92 ng/ul	98
58) Fluorene	15.48	166	941420	21.21 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	489885	21.12 ng/ul	97
60) 4-Nitroaniline	15.50	138	238493	21.80 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	198778	20.08 ng/ul#	98
64) N-Nitrosodiphenylamine	15.69	169	846320	20.55 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	341646	20.51 ng/ul	98
66) Hexachlorobenzene	16.48	284	379899	20.37 ng/ul	96
67) Atrazine	16.64	200	370974	21.33 ng/ul	99
68) Pentachlorophenol	16.83	266	242502	20.15 ng/ul	99
69) Phenanthrene	17.22	178	1643089	20.75 ng/ul	99
71) Anthracene	17.31	178	1705350	20.86 ng/ul	99
72) Carbazole	17.58	167	1504543	21.18 ng/ul	99
73) Di-n-butylphthalate	18.14	149	1814988	20.30 ng/ul	99
74) Fluoranthene	19.23	202	2199249	22.13 ng/ul	98
77) Pyrene	19.60	202	2309648	20.55 ng/ul	96
78) Butylbenzylphthalate	20.50	149	916800	19.60 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.28	252	935515	22.49 ng/ul	99
80) Benzo(a)anthracene	21.34	228	2560624	20.73 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	1348185	19.88 ng/ul	99
82) Chrysene	21.40	228	2336944	20.89 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	2453991	20.90 ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	2964388	21.27 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	2632603	20.43 ng/ul	99
88) Benzo(a)pyrene	23.54	252	2787140	20.89 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	3435741	20.99 ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	2864354	21.04 ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	2911128	20.94 ng/ul	97

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

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