Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081316\
Data File : BM007110.D
Acq On : 14 Aug 2016 16:30
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 10:28:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integrations APPROVED
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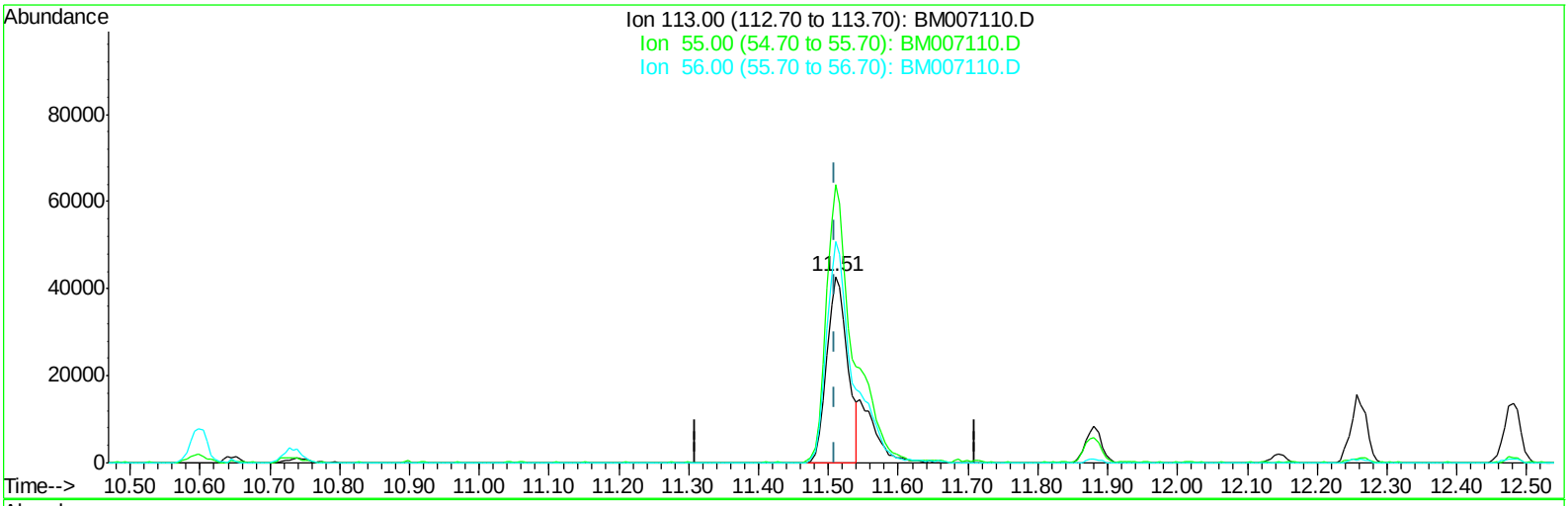

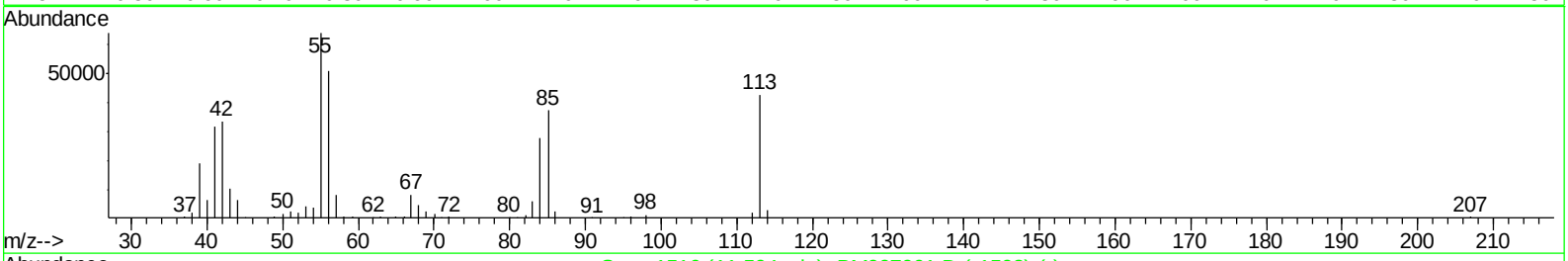

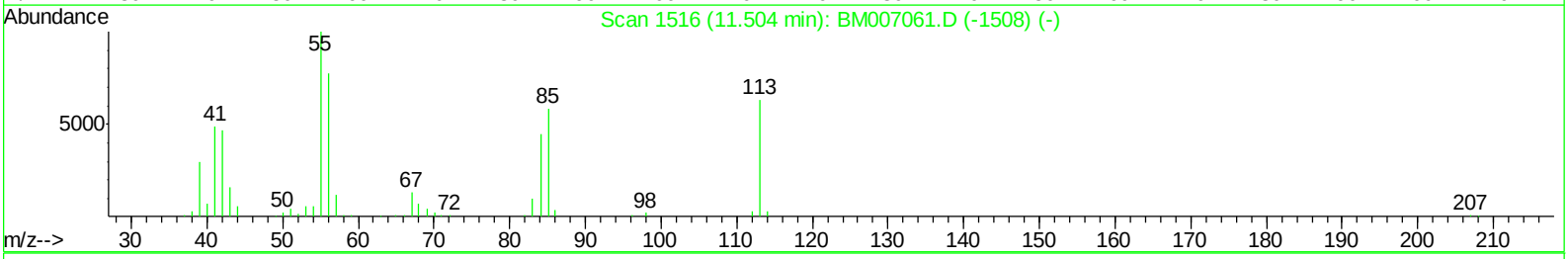

TIC: BM007110.D

(32) Caprolactam

11.510min (+0.000) 14.27ng/ul

response 88396

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	149.61
56.00	121.70	119.11
0.00	0.00	0.00

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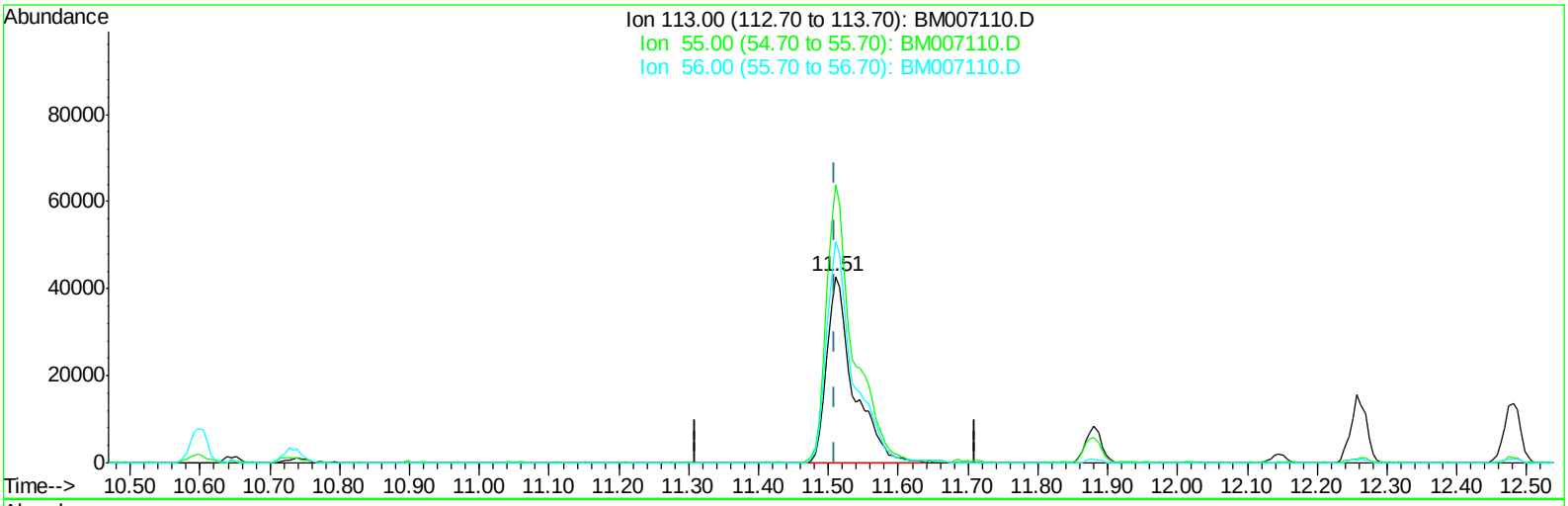

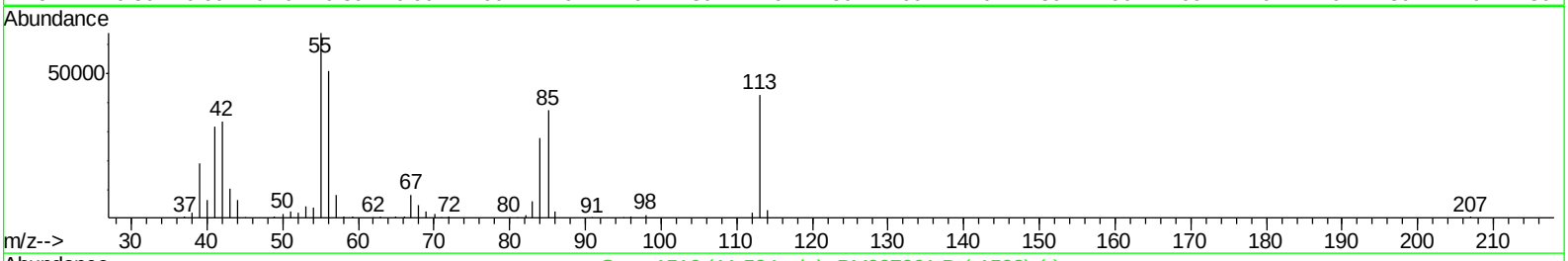

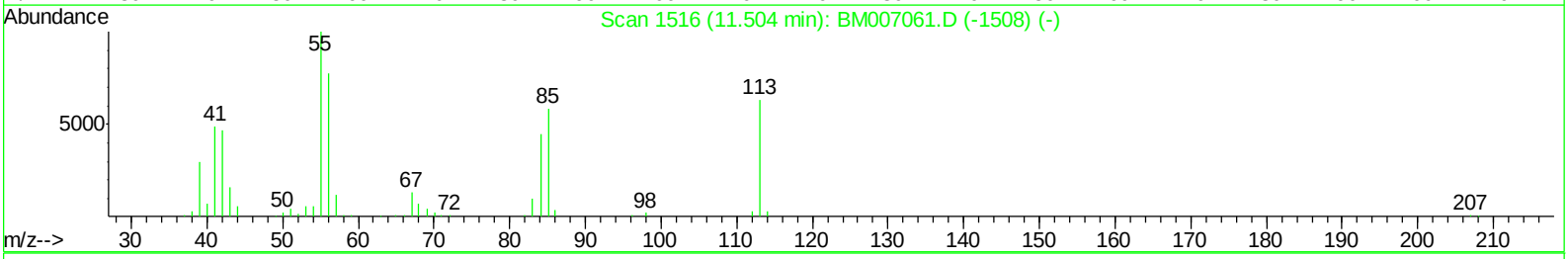

TIC: BM007110.D

(32) Caprolactam

11.510min (+0.000) 18.35ng/ul m

response 113662

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	149.61
56.00	121.70	119.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 15 15:39:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	288098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1129443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	645409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1510617	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1808903	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1969802	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	50966	7.73	ng/uL	0.00
5) Phenol-d5	6.97	99	460847	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	265698	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	384884	20.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	368650	19.20	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	178663	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	197408	22.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	384424	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	459771	21.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1055973	19.80	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1331798	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	186723	19.53	ng/ul	0.00
57) Fluorene-d10	15.44	176	936182	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	145472	17.43	ng/ul	0.00
70) Anthracene-d10	17.29	188	1464647	20.93	ng/ul	0.00
76) Pyrene-d10	19.58	212	1673512	21.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1862151	20.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	52572	7.66	ng/uL	98
4) Benzaldehyde	6.96	77	312201	22.25	ng/ul	98
6) Phenol	7.00	94	487057	19.81	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.24	93	361918	19.95	ng/ul	99
10) 2-Chlorophenol	7.37	128	391760	20.60	ng/ul	98
11) 2-Methylphenol	8.25	108	363433	19.66	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	405382	19.50	ng/ul	99
14) Acetophenone	8.63	105	584892	19.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	294031	19.11	ng/ul	97
16) 4-Methylphenol	8.57	108	386095	19.14	ng/ul	98
17) Hexachloroethane	8.89	117	158343	19.95	ng/ul	97
20) Nitrobenzene	9.01	77	447970	21.22	ng/ul	99
21) Isophorone	9.53	82	784756	19.85	ng/ul	100
23) 2-Nitrophenol	9.72	139	211976	22.11	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	444857	20.25	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	468458	19.73	ng/ul	97
27) 2,4-Dichlorophenol	10.25	162	379194	20.73	ng/ul	98
28) Naphthalene	10.65	128	1141864	20.41	ng/ul	100
30) 4-Chloroaniline	10.76	127	474573	21.18	ng/ul	95
31) Hexachlorobutadiene	10.93	225	289569	21.42	ng/ul	98
32) Caprolactam	11.51	113	113662m	18.35	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	396031	19.82	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	851475	19.74	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	496872	21.77	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	210690	14.50	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	322198	22.01	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	334012	21.79	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	1080581	20.87	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	858373	21.13	ng/ul	99
42) 2-Nitroaniline	13.52	65	256551	22.00	ng/ul	98
44) Dimethylphthalate	13.90	163	1046553	19.64	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	222124	21.45	ng/ul	97
47) Acenaphthylene	14.16	152	1368954	20.76	ng/ul	99
48) 3-Nitroaniline	14.35	138	229157	22.37	ng/ul	100
49) Acenaphthene	14.51	153	878377	20.52	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	97039	15.80	ng/ul	94
52) 4-Nitrophenol	14.65	109	197483	20.33	ng/ul	91
53) Dibenzofuran	14.85	168	1278199	20.11	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	317040	20.74	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	306933	20.72	ng/ul	99
56) Diethylphthalate	15.27	149	1056131	18.78	ng/ul	99
58) Fluorene	15.49	166	1024338	19.99	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	539553	19.94	ng/ul	98
60) 4-Nitroaniline	15.51	138	244730	20.37	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	159835	17.60	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	907134	21.22	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	366090	21.40	ng/ul	98
66) Hexachlorobenzene	16.49	284	402746	20.81	ng/ul	98
67) Atrazine	16.65	200	354859	20.59	ng/ul	98
68) Pentachlorophenol	16.84	266	251117	21.09	ng/ul	98
69) Phenanthrene	17.23	178	1669840	20.56	ng/ul	100
71) Anthracene	17.32	178	1724570	20.68	ng/ul	100
72) Carbazole	17.59	167	1505380	20.96	ng/ul	99
73) Di-n-butylphthalate	18.16	149	1841226	20.97	ng/ul	100
74) Fluoranthene	19.24	202	2088749	21.20	ng/ul	99
77) Pyrene	19.61	202	2152034	21.52	ng/ul	98
78) Butylbenzylphthalate	20.51	149	871845	22.43	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	771629	22.09	ng/ul	98
80) Benzo(a)anthracene	21.36	228	2202767	20.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	1229277	21.36	ng/ul	98
82) Chrysene	21.41	228	2011426	20.59	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	2235485	22.00	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	2395122	20.18	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	2237997	20.08	ng/ul	100
88) Benzo(a)pyrene	23.55	252	2318920	20.62	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.96	276	2805810	20.35	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	2361609	20.41	ng/ul	100
91) Benzo(g,h,i)perylene	26.66	276	2366052	20.30	ng/ul	99

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

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