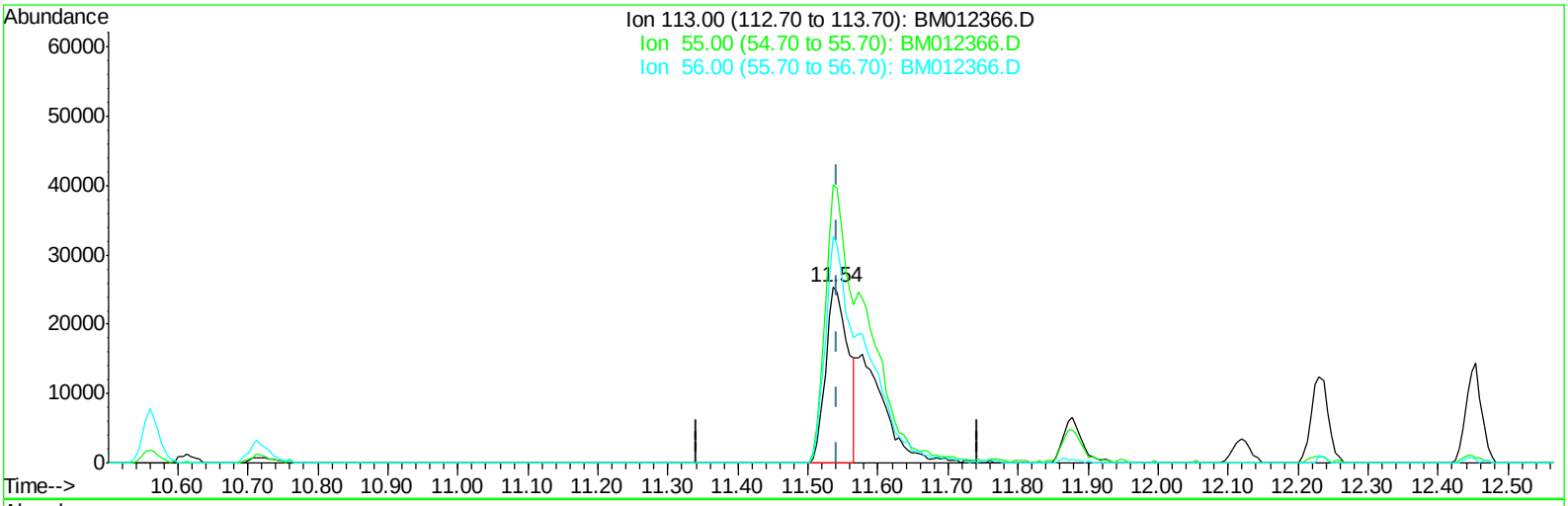
Quantitation Report (Qedit)

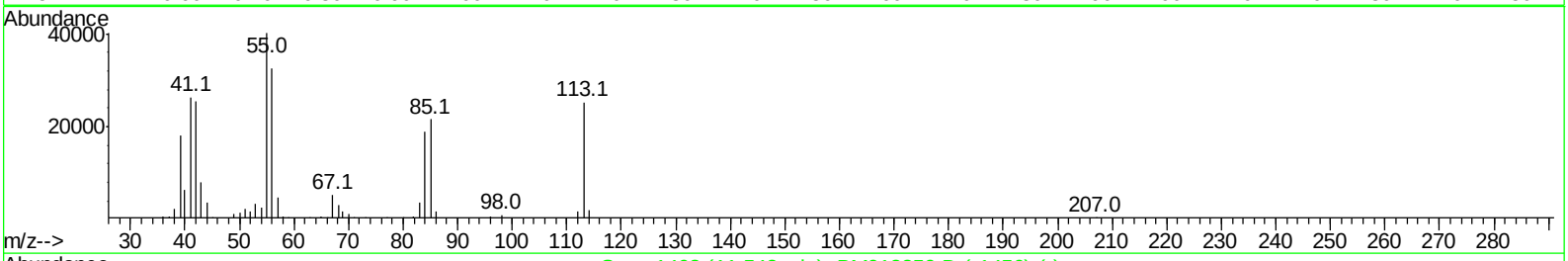
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012366.D
Acq On : 21 Oct 2017 19:26
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

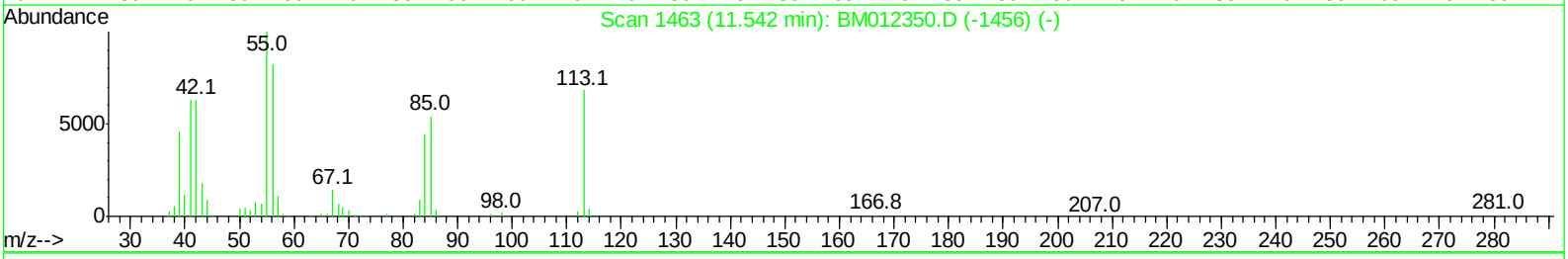
Quant Time: Oct 23 05:08:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02024

Manual Integrations APPROVED
Sohil
10/23/2017 4:00:15 PM







TIC: BM012366.D

(32) Caprolactam

11.536min (-0.006) 11.00ng/ul

response 57790

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	158.76
56.00	121.40	128.94
0.00	0.00	0.00

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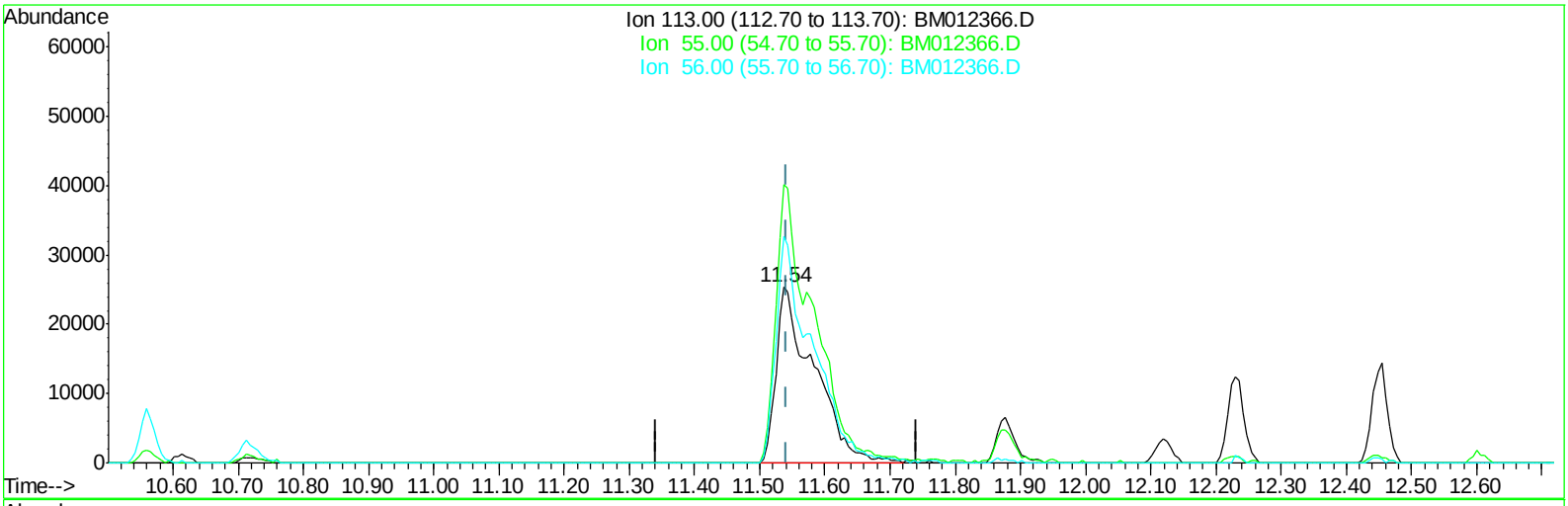

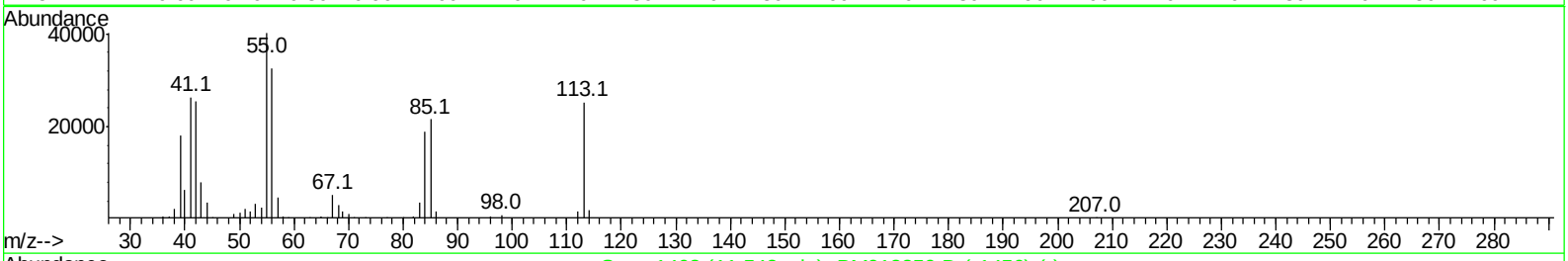

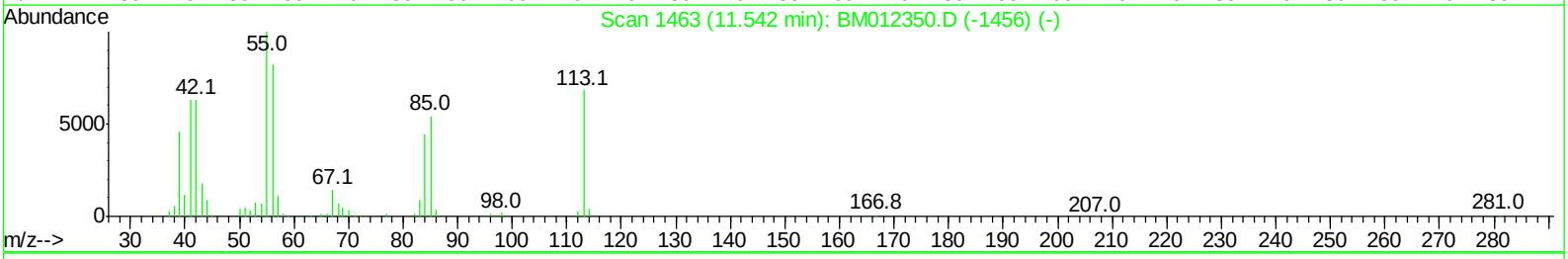

TIC: BM012366.D

(32) Caprolactam

11.536min (-0.006) 19.34ng/ul m

response 101625

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	158.76
56.00	121.40	128.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Oct 23 07:23:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	220179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	992408	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	645323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1536399	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1750317	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1399069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	32055	6.92	ng/uL	0.00
5) Phenol-d5	6.94	99	339060	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	201714	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	295622	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	306330	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	144398	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	173071	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	340341	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	400382	25.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1085125	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1312470	19.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	120600	14.06	ng/ul	0.00
57) Fluorene-d10	15.41	176	919761	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	174592	16.56	ng/ul	0.00
70) Anthracene-d10	17.27	188	1439147	18.94	ng/ul	0.00
76) Pyrene-d10	19.57	212	1662301	18.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1350537	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	32705	6.918	ng/uL#	86
4) Benzaldehyde	6.92	77	233082	19.525	ng/ul	99
6) Phenol	6.97	94	349406	18.920	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.19	93	265315	18.852	ng/ul	94
10) 2-Chlorophenol	7.33	128	298723	19.316	ng/ul	95
11) 2-Methylphenol	8.22	108	274315	19.750	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	336504	18.831	ng/ul#	94
14) Acetophenone	8.60	105	464313	19.863	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.58	70	250210	19.973	ng/ul	90
16) 4-Methylphenol	8.55	108	301041	19.668	ng/ul	95
17) Hexachloroethane	8.83	117	126898	19.446	ng/ul	86
20) Nitrobenzene	8.98	77	370099	19.669	ng/ul	97
21) Isophorone	9.50	82	668823	19.025	ng/ul	96
23) 2-Nitrophenol	9.69	139	184346	19.426	ng/ul	94
24) 2,4-Dimethylphenol	9.75	107	367909	19.237	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	380469	18.458	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	328278	19.725	ng/ul	96
28) Naphthalene	10.61	128	993624	19.352	ng/ul	98
30) 4-Chloroaniline	10.74	127	394409	25.365	ng/ul	99
31) Hexachlorobutadiene	10.88	225	236581	19.180	ng/ul	97
32) Caprolactam	11.54	113	101625m	19.342	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	343385	19.693	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	757770	19.557	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	434407	18.544	ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	102893	9.855	ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	286511	18.447	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	293150	18.340	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1024551	18.812	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	815403	19.081	ng/ul	97
42) 2-Nitroaniline	13.52	65	226748	19.070	ng/ul	92
44) Dimethylphthalate	13.88	163	1074106	18.797	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	219522	19.354	ng/ul	88
47) Acenaphthylene	14.14	152	1296116	19.118	ng/ul	99
48) 3-Nitroaniline	14.35	138	198126	22.452	ng/ul	95
49) Acenaphthene	14.48	153	882211	19.319	ng/ul	98
50) 2,4-Dinitrophenol	14.58	184	145203	22.544	ng/ul#	86
52) 4-Nitrophenol	14.68	109	123270	15.997	ng/ul	94
53) Dibenzofuran	14.82	168	1288869	19.601	ng/ul	96
54) 2,4-Dinitrotoluene	14.82	165	330902	20.129	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.06	232	268209	18.336	ng/ul#	88
56) Diethylphthalate	15.24	149	1115265	18.056	ng/ul	98
58) Fluorene	15.47	166	1057811	19.370	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	553288	19.287	ng/ul	95
60) 4-Nitroaniline	15.52	138	192886	17.702	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.58	198	181881	16.339	ng/ul#	89
64) N-Nitrosodiphenylamine	15.68	169	892807	18.565	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	343776	18.692	ng/ul	94
66) Hexachlorobenzene	16.48	284	390395	18.737	ng/ul	95
67) Atrazine	16.64	200	370063	18.404	ng/ul	98
68) Pentachlorophenol	16.83	266	231156	19.892	ng/ul	97
69) Phenanthrene	17.21	178	1679289	19.213	ng/ul	99
71) Anthracene	17.31	178	1724151	19.055	ng/ul	99
72) Carbazole	17.58	167	1466990	19.157	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1928038	18.135	ng/ul	99
74) Fluoranthene	19.23	202	2070198	19.627	ng/ul#	96
77) Pyrene	19.59	202	2163536	18.717	ng/ul#	95
78) Butylbenzylphthalate	20.48	149	951219	18.486	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	688907	19.777	ng/ul#	98
80) Benzo(a)anthracene	21.34	228	2116759	18.586	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1427118	18.483	ng/ul	97
82) Chrysene	21.39	228	1915291	17.912	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	2481475	24.260	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	1834778	20.096	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	1798617	20.442	ng/ul	98
88) Benzo(a)pyrene	23.55	252	1659899	19.289	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.99	276	1663295	18.201	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.99	278	1417699	18.455	ng/ul#	98
91) Benzo(g,h,i)perylene	26.71	276	1353571	18.085	ng/ul#	96

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

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