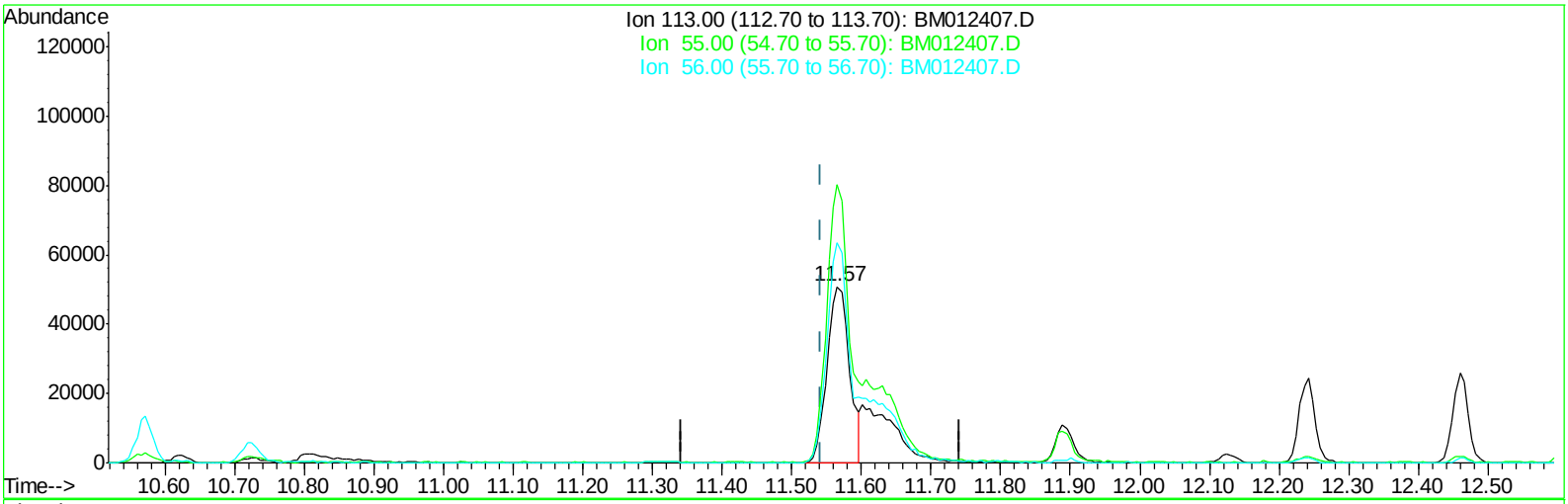
Quantitation Report (Qedit)

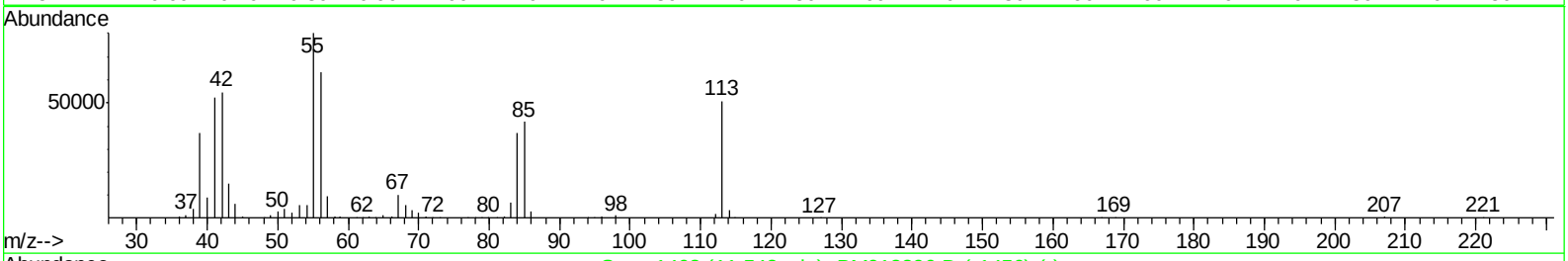
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102117\
Data File : BM012407.D
Acq On : 22 Oct 2017 21:24
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

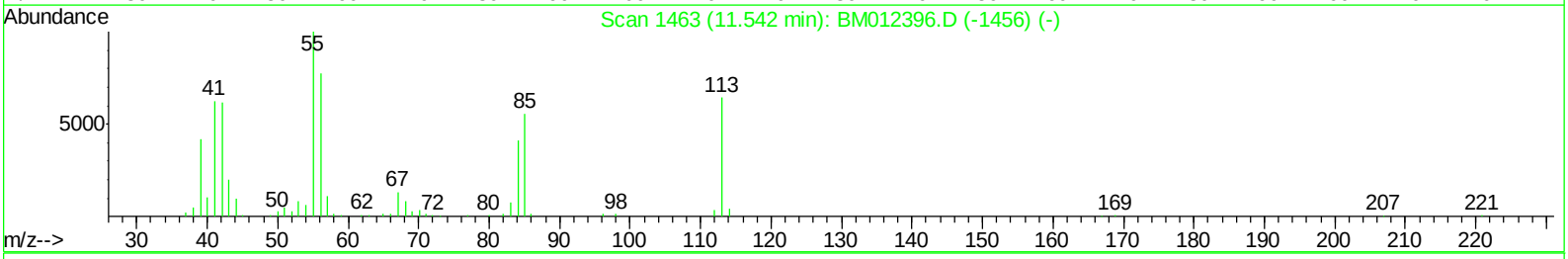
Quant Time: Oct 23 18:07:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
10/24/2017 10:20:20 AM







TIC: BM012407.D

(32) Caprolactam

11.566min (+0.023) 11.94ng/ul

response 113253

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	157.79
56.00	121.40	124.67
0.00	0.00	0.00

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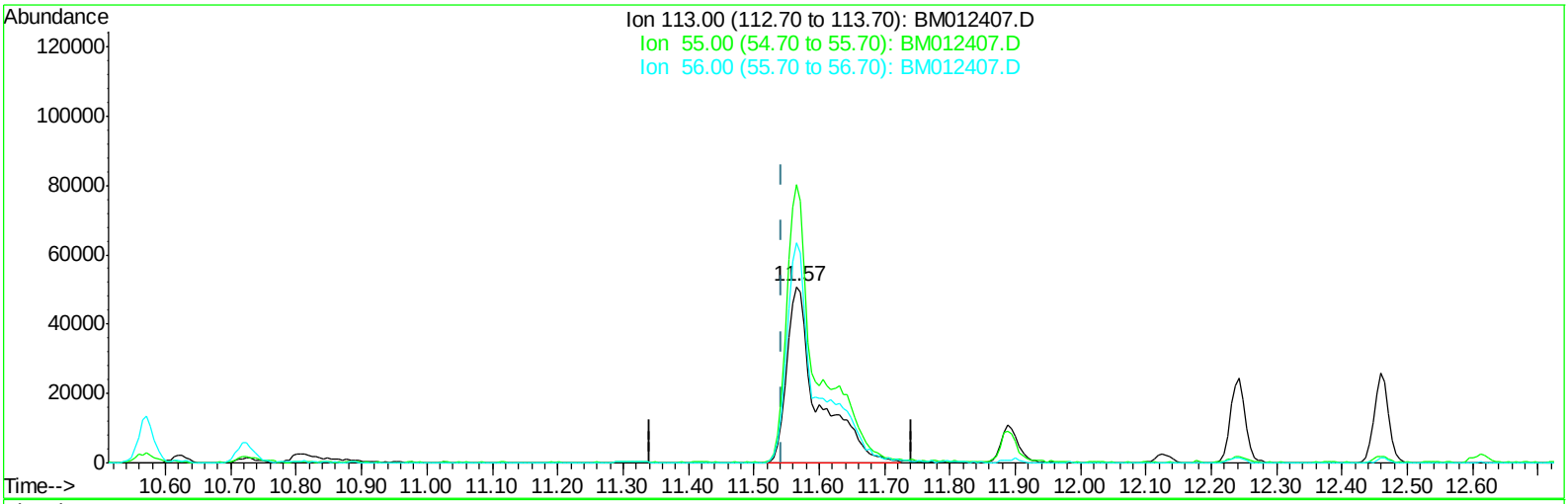

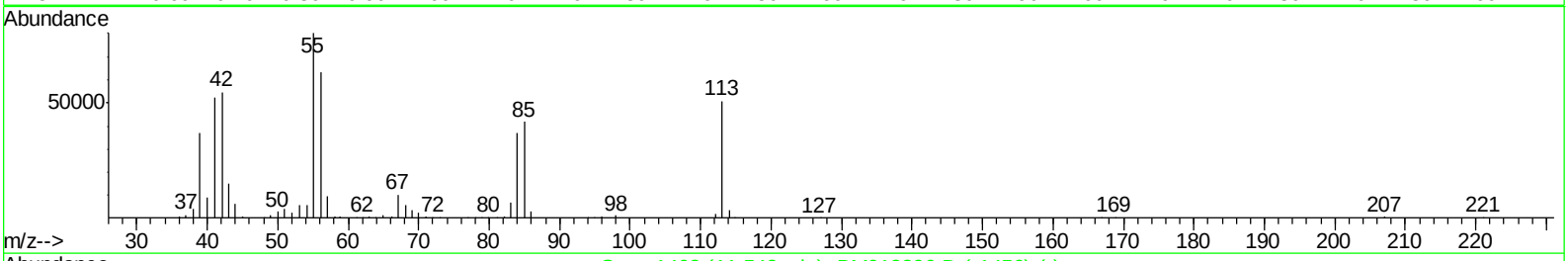

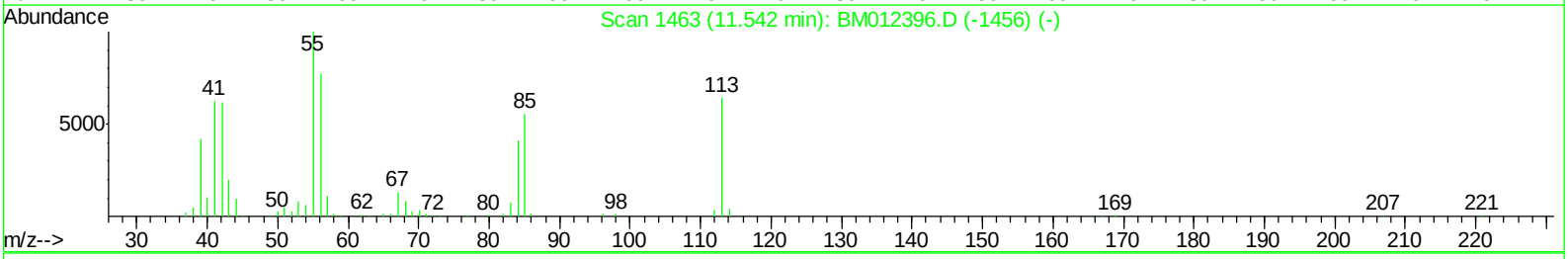

TIC: BM012407.D

(32) Caprolactam

11.566min (+0.023) 17.96ng/ul m

response 170397

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	157.79
56.00	121.40	124.67
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	421000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1792218	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.43	164	1075684	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.18	188	2323356	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	1945546	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1921642	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	53392	6.03	ng/uL	0.00
5) Phenol-d5	6.95	99	616307	18.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	369580	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	555471	19.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	546603	18.59	ng/ul	0.01
19) Nitrobenzene-d5	8.94	128	264227	19.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.67	143	303427	18.99	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.21	165	615223	20.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	721027	25.25	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	1799161	18.92	ng/ul	0.01
46) Acenaphthylene-d8	14.12	160	2226960	19.35	ng/ul	0.01
51) 4-Nitrophenol-d4	14.68	143	202525	14.17	ng/ul	0.02
57) Fluorene-d10	15.42	176	1497078	19.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	89886	5.64	ng/ul	0.02
70) Anthracene-d10	17.28	188	2206154	19.20	ng/ul	0.01
76) Pyrene-d10	19.58	212	2046117	20.72	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	1814372	19.59	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	55637	6.155	ng/uL#	94
4) Benzaldehyde	6.92	77	415745	18.214	ng/ul	97
6) Phenol	6.98	94	635354	17.993	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.20	93	480170	17.844	ng/ul	92
10) 2-Chlorophenol	7.34	128	559392	18.917	ng/ul	96
11) 2-Methylphenol	8.22	108	498457	18.768	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	596128	17.447	ng/ul	97
14) Acetophenone	8.61	105	837121	18.729	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.58	70	444772	18.568	ng/ul	89
16) 4-Methylphenol	8.56	108	540669	18.474	ng/ul	96
17) Hexachloroethane	8.83	117	223437	17.907	ng/ul	81
20) Nitrobenzene	8.99	77	652549	19.203	ng/ul	98
21) Isophorone	9.51	82	1173951	18.492	ng/ul	98
23) 2-Nitrophenol	9.70	139	316540	18.470	ng/ul	94
24) 2,4-Dimethylphenol	9.75	107	640219	18.537	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	672002	18.052	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	599033	19.931	ng/ul	96
28) Naphthalene	10.62	128	1785014	19.251	ng/ul	98
30) 4-Chloroaniline	10.75	127	710953	25.318	ng/ul	100
31) Hexachlorobutadiene	10.88	225	450807	20.237	ng/ul	98
32) Caprolactam	11.57	113	170397m	17.958	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	587726	18.664	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	1349747	19.290	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	769712	19.712	ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	33356	1.917	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	510459	19.717	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	517900	19.438	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	1769839	19.495	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	1403935	19.709	ng/ul	98
42) 2-Nitroaniline	13.53	65	390087	19.681	ng/ul	94
44) Dimethylphthalate	13.89	163	1773760	18.622	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	365816	19.349	ng/ul	93
47) Acenaphthylene	14.15	152	2186359	19.347	ng/ul	98
48) 3-Nitroaniline	14.36	138	351650	23.906	ng/ul	92
49) Acenaphthene	14.49	153	1473048	19.352	ng/ul	97
50) 2,4-Dinitrophenol	14.61	184	56468	5.260	ng/ul	85
52) 4-Nitrophenol	14.70	109	196436	15.293	ng/ul	93
53) Dibenzofuran	14.83	168	2162832	19.733	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	535428	19.540	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.07	232	433357	17.773	ng/ul#	88
56) Diethylphthalate	15.25	149	1837454	17.846	ng/ul	98
58) Fluorene	15.48	166	1752711	19.254	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	922551	19.293	ng/ul	98
60) 4-Nitroaniline	15.54	138	323289	17.800	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.61	198	95624	5.681	ng/ul#	87
64) N-Nitrosodiphenylamine	15.69	169	1454075	19.995	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	571904	20.564	ng/ul	96
66) Hexachlorobenzene	16.49	284	614746	19.511	ng/ul	96
67) Atrazine	16.65	200	536480	17.643	ng/ul	97
68) Pentachlorophenol	16.85	266	326231	18.565	ng/ul	95
69) Phenanthrene	17.23	178	2528022	19.127	ng/ul	99
71) Anthracene	17.32	178	2617722	19.131	ng/ul	99
72) Carbazole	17.59	167	2138850	18.470	ng/ul	99
73) Di-n-butylphthalate	18.13	149	3059565	19.030	ng/ul	99
74) Fluoranthene	19.25	202	2614557	16.392	ng/ul	97
77) Pyrene	19.61	202	2606897	20.289	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1217766	21.291	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.28	252	887823	22.929	ng/ul#	99
80) Benzo(a)anthracene	21.36	228	2407403	19.017	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1856631	21.633	ng/ul	97
82) Chrysene	21.41	228	2134862	17.962	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	2895128	20.607	ng/ul#	92
85) Benzo(b)fluoranthene	22.98	252	2350156	18.741	ng/ul#	97
86) Benzo(k)fluoranthene	23.02	252	2242806	18.559	ng/ul#	98
88) Benzo(a)pyrene	23.58	252	2274280	19.242	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	2741100	21.839	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.04	278	2316647	21.956	ng/ul#	98
91) Benzo(g,h,i)perylene	26.77	276	2220201	21.597	ng/ul#	96

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

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