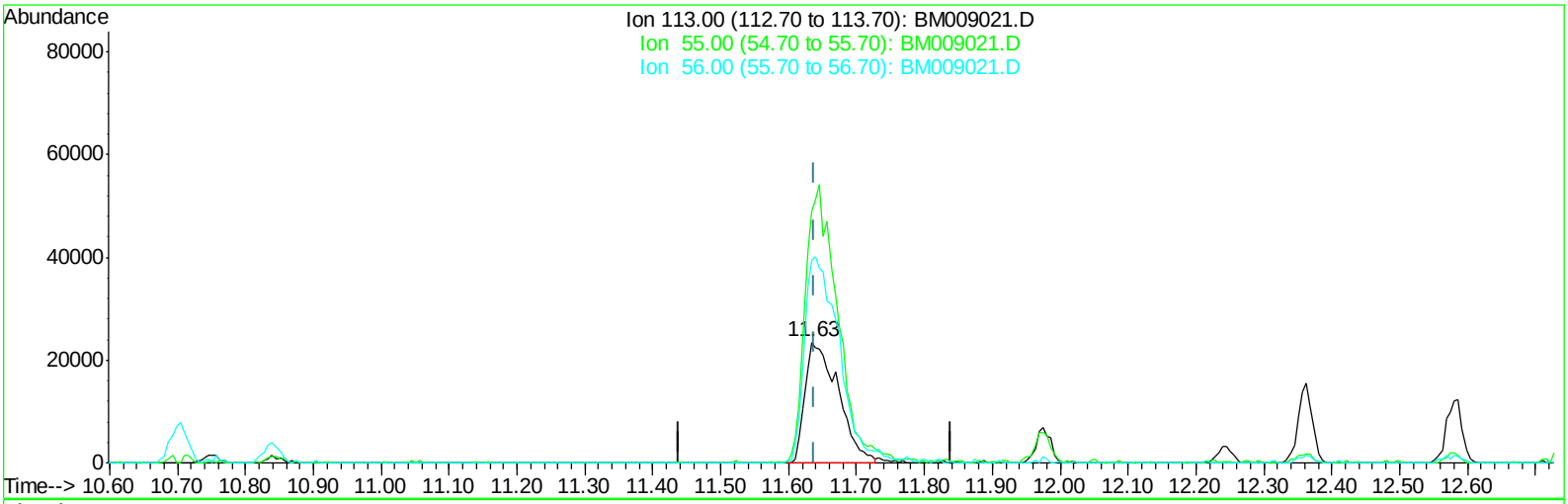
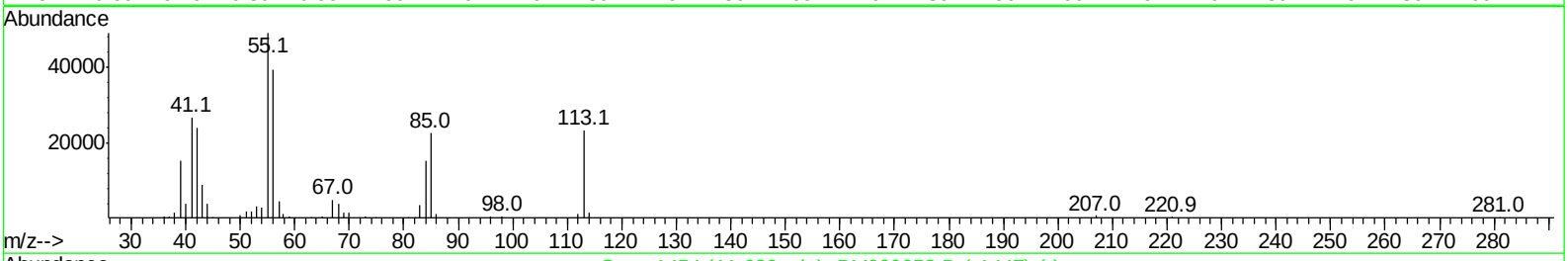
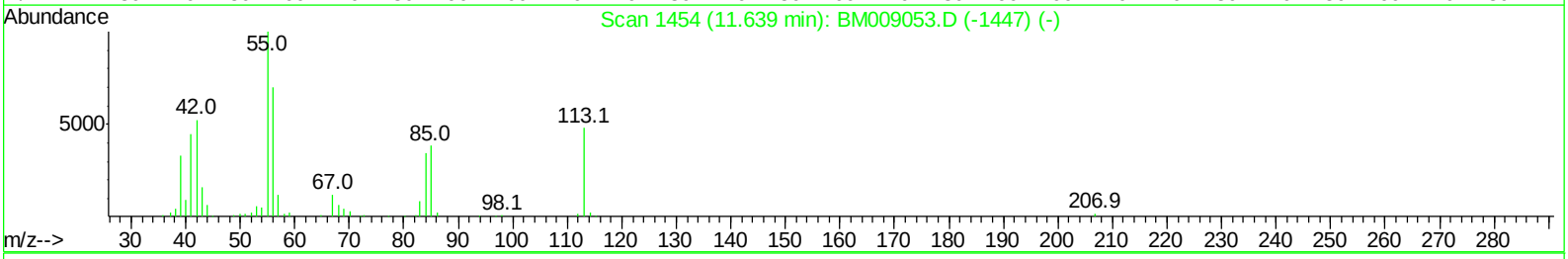
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM022417\
Data File : BM009021.D
Acq On : 24 Feb 2017 17:48
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 18:25:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 24 13:06:22 2017
Response via : Initial Calibration







TIC: BM009021.D

(32) Caprolactam

11.633min (-0.006) 19.58ng/ul m

response 79902

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	209.95
56.00	207.20	168.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	206675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	856569	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	618546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1267042	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1575541	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1432737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	41997	8.16	ng/uL	0.00
5) Phenol-d5	7.05	99	382436	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	281135	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	255253	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	282879	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	126177	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	134209	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	282305	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	327151	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	844231	20.27	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1057924	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	147825	20.33	ng/ul	0.00
57) Fluorene-d10	15.53	176	783258	20.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	148106	19.42	ng/ul	0.00
70) Anthracene-d10	17.39	188	1221833	20.37	ng/ul	0.00
76) Pyrene-d10	19.67	212	1460053	21.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1351624	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	46768	7.78	ng/uL#	70
4) Benzaldehyde	7.05	77	309581	21.98	ng/ul	85
6) Phenol	7.08	94	401531	20.31	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.32	93	314654	20.29	ng/ul	87
10) 2-Chlorophenol	7.46	128	270463	20.80	ng/ul#	79
11) 2-Methylphenol	8.33	108	274616	20.04	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.43	45	513857	20.10	ng/ul	96
14) Acetophenone	8.73	105	488176	20.49	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.70	70	298398	20.43	ng/ul#	80
16) 4-Methylphenol	8.66	108	304733	20.46	ng/ul	95
17) Hexachloroethane	8.97	117	128284	20.37	ng/ul#	84
20) Nitrobenzene	9.11	77	426488	19.69	ng/ul#	86
21) Isophorone	9.63	82	730321	20.27	ng/ul#	93
23) 2-Nitrophenol	9.82	139	145530	20.43	ng/ul#	59
24) 2,4-Dimethylphenol	9.86	107	365516	19.85	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.11	93	422354	20.37	ng/ul	99
27) 2,4-Dichlorophenol	10.35	162	274070	20.14	ng/ul	90
28) Naphthalene	10.75	128	879568	20.48	ng/ul	98
30) 4-Chloroaniline	10.86	127	343106	22.15	ng/ul	97
31) Hexachlorobutadiene	11.03	225	223349	19.65	ng/ul	99
32) Caprolactam	11.63	113	79902m	19.58	ng/ul	
33) 4-Chloro-3-methylphenol	11.97	107	320312	20.09	ng/ul	93
34) 2-Methylnaphthalene	12.36	142	649916	20.26	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 24 13:06:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	405795	20.17 ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	245801	18.96 ng/ul	100
38) 2,4,6-Trichlorophenol	12.97	196	235222	20.49 ng/ul	92
39) 2,4,5-Trichlorophenol	13.03	196	262079	20.92 ng/ul	95
40) 1,1'-Biphenyl	13.37	154	874004	20.49 ng/ul	94
41) 2-Chloronaphthalene	13.42	162	677846	20.39 ng/ul	97
42) 2-Nitroaniline	13.63	65	257759	20.35 ng/ul#	80
44) Dimethylphthalate	13.99	163	838913	20.13 ng/ul	98
45) 2,6-Dinitrotoluene	14.12	165	167768	21.12 ng/ul#	66
47) Acenaphthylene	14.26	152	1038033	20.71 ng/ul	99
48) 3-Nitroaniline	14.45	138	167561	21.50 ng/ul#	75
49) Acenaphthene	14.60	153	725961	20.28 ng/ul	95
50) 2,4-Dinitrophenol	14.65	184	85812	16.68 ng/ul#	71
52) 4-Nitrophenol	14.74	109	179940	19.32 ng/ul#	69
53) Dibenzofuran	14.94	168	1067210	20.36 ng/ul	90
54) 2,4-Dinitrotoluene	14.90	165	246862	21.05 ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.16	232	233483	20.15 ng/ul#	93
56) Diethylphthalate	15.36	149	860176	20.16 ng/ul	98
58) Fluorene	15.59	166	867561	19.87 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.58	204	470312	19.91 ng/ul	97
60) 4-Nitroaniline	15.61	138	184164	21.23 ng/ul#	38
63) 4,6-Dinitro-2-methylphenol	15.66	198	158239	19.76 ng/ul#	74
64) N-Nitrosodiphenylamine	15.79	169	765425	20.70 ng/ul	98
65) 4-Bromophenyl-phenylether	16.47	248	294655	20.39 ng/ul	90
66) Hexachlorobenzene	16.59	284	336715	21.26 ng/ul#	88
67) Atrazine	16.74	200	288753	19.88 ng/ul	98
68) Pentachlorophenol	16.93	266	186022	18.96 ng/ul	90
69) Phenanthrene	17.33	178	1415444	20.21 ng/ul	99
71) Anthracene	17.42	178	1445138	20.22 ng/ul	97
72) Carbazole	17.69	167	1267345	20.04 ng/ul	97
73) Di-n-butylphthalate	18.24	149	1472033	20.55 ng/ul#	97
74) Fluoranthene	19.34	202	1712696	20.23 ng/ul#	94
77) Pyrene	19.70	202	1810087	20.57 ng/ul#	94
78) Butylbenzylphthalate	20.59	149	672941	21.26 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.37	252	649541	21.53 ng/ul	99
80) Benzo(a)anthracene	21.44	228	1871616	20.82 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.35	149	974226	21.22 ng/ul	95
82) Chrysene	21.49	228	1762576	20.63 ng/ul	98
84) Di-n-octyl phthalate	22.26	149	1660638	20.13 ng/ul#	90
85) Benzo(b)fluoranthene	23.09	252	1840434	21.36 ng/ul#	98
86) Benzo(k)fluoranthene	23.14	252	1648563	20.32 ng/ul#	97
88) Benzo(a)pyrene	23.70	252	1688403	20.66 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	1856326	20.00 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.21	278	1559609	19.73 ng/ul#	93
91) Benzo(g,h,i)perylene	26.93	276	1524398	19.84 ng/ul#	94

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

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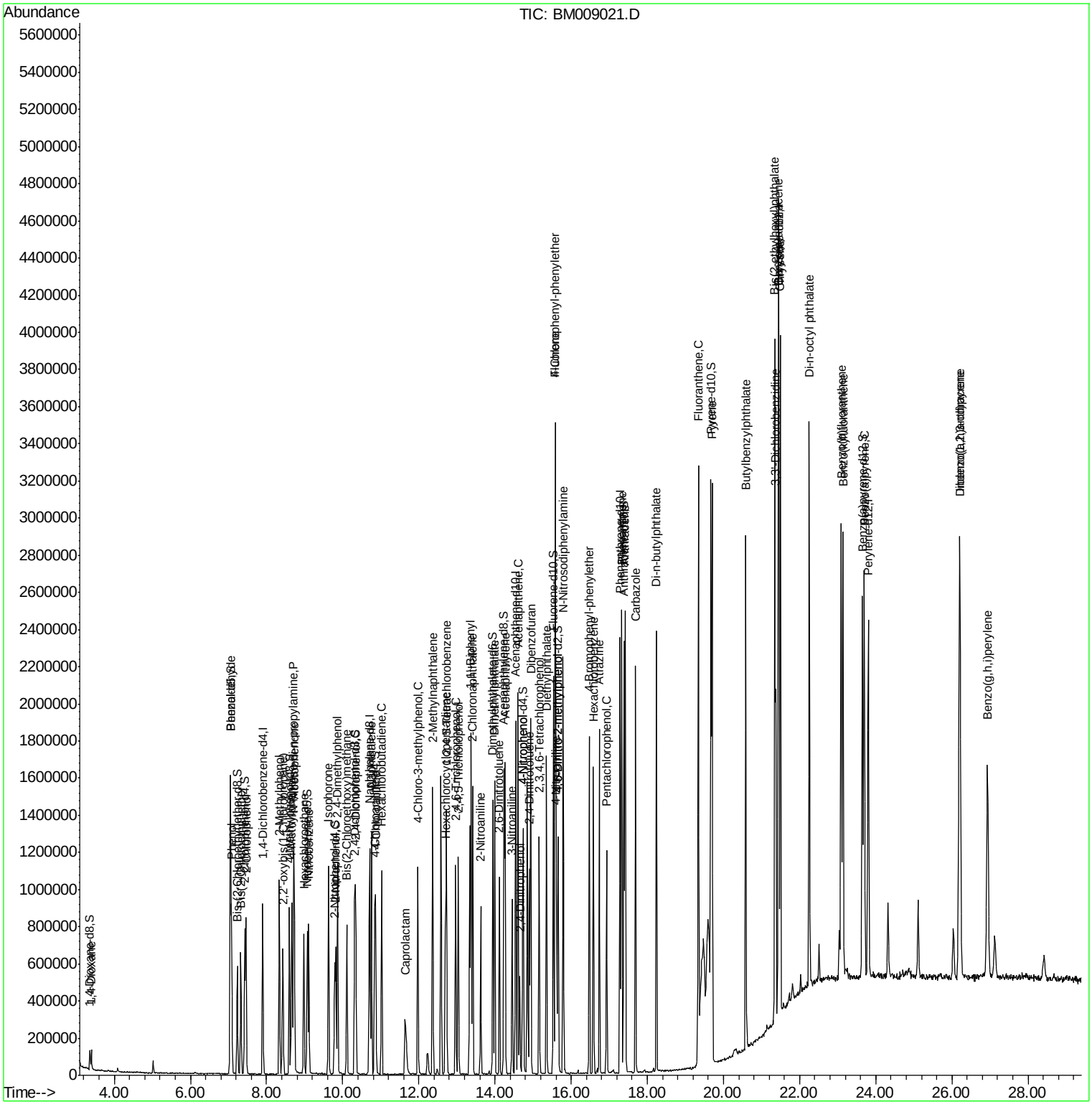

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Acq On : 24 Feb 2017 17:48
Operator : SJ/MA
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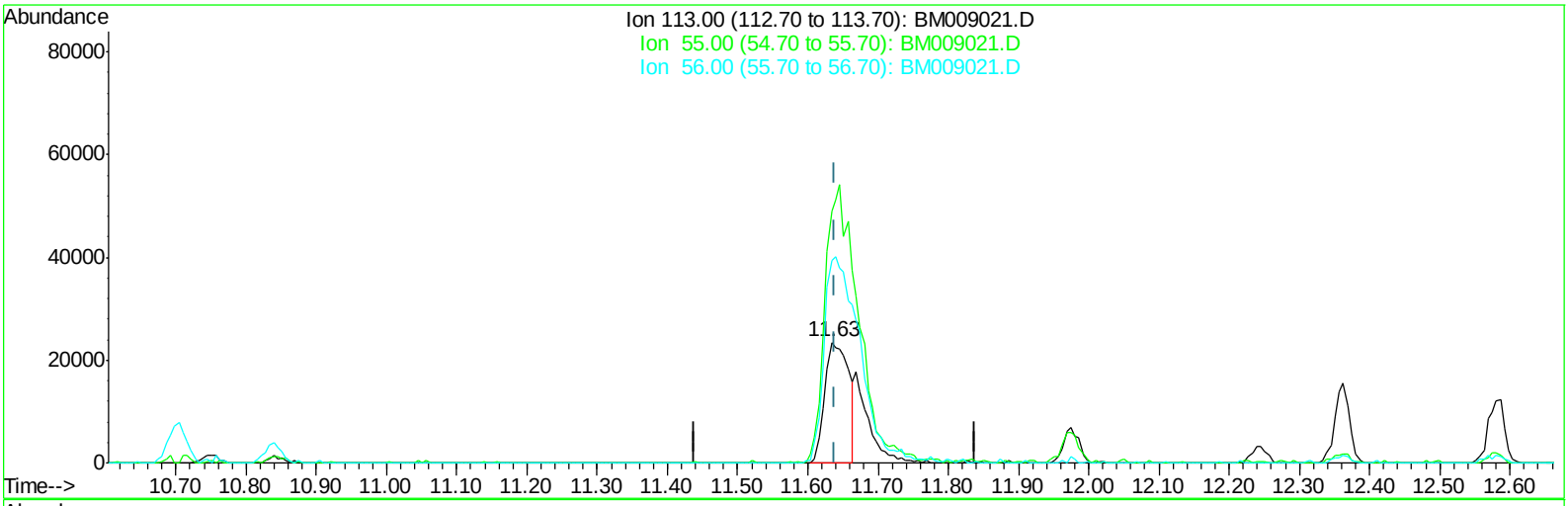
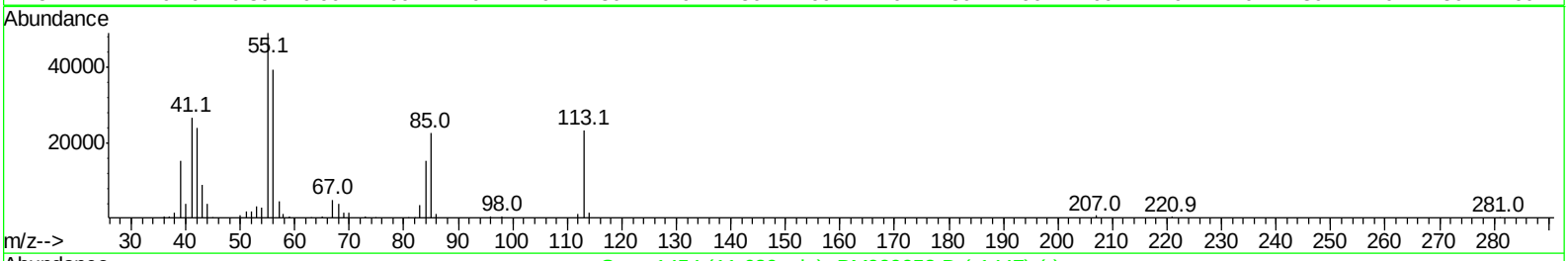
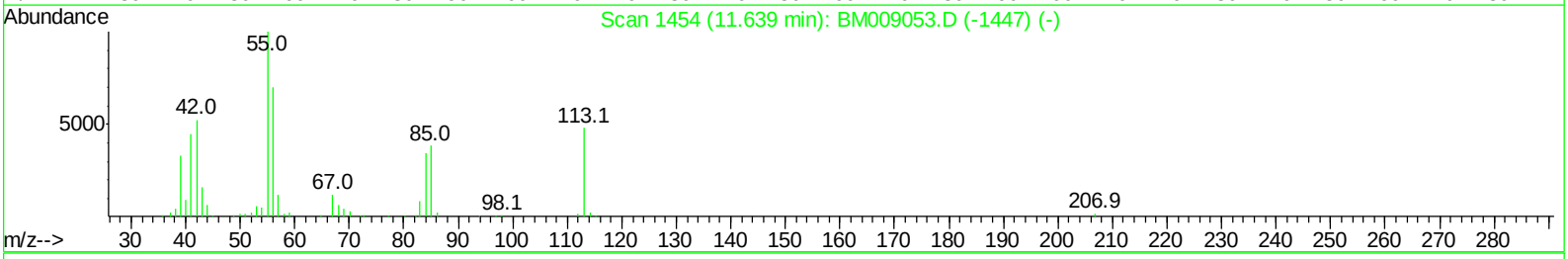
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 12:46:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 03:54:18 2017
Response via : Initial Calibration







TIC: BM009021.D

(32) Caprolactam

11.633min (-0.006) 13.65ng/ul

response 55690

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	209.95
56.00	207.20	168.07
0.00	0.00	0.00