

(OT Reviewed)

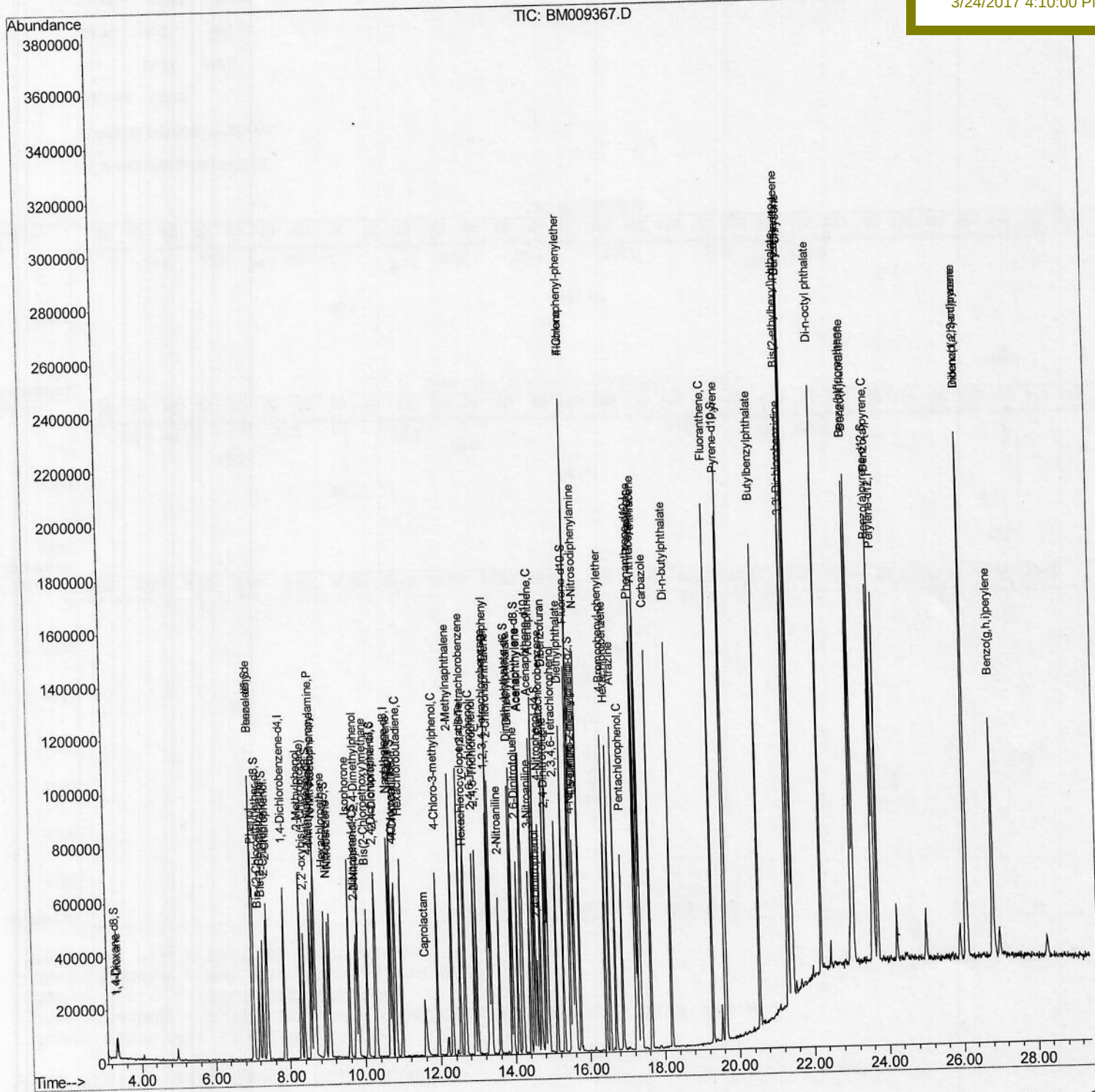
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Data File : BM009367.D
Acq On : 24 Mar 2017 06:10
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 24 06:46:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	267364	22.52	ng/ul	95
37) Hexachlorocyclopentadiene	12.65	237	144719	19.43	ng/ul	97
38) 2,4,6-Trichlorophenol	12.92	196	151851	21.85	ng/ul	94
39) 2,4,5-Trichlorophenol	12.99	196	172623	23.02	ng/ul	94
40) 1,1'-Biphenyl	13.33	154	586520	22.47	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	460764	22.69	ng/ul	95
42) 2-Nitroaniline	13.58	65	165247	22.07	ng/ul#	60
44) Dimethylphthalate	13.95	163	556450	22.45	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	105373	21.99	ng/ul#	77
47) Acenaphthylene	14.22	152	698121	22.48	ng/ul	99
48) 3-Nitroaniline	14.41	138	114647	23.21	ng/ul#	71
49) Acenaphthene	14.56	153	487165	22.34	ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	58613	17.81	ng/ul#	69
52) 4-Nitrophenol	14.70	109	117320	21.85	ng/ul#	74
53) Dibenzofuran	14.90	168	711289	22.50	ng/ul	100
54) 2,4-Dinitrotoluene	14.87	165	162438	22.68	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.12	232	153660	22.74	ng/ul	92
56) Diethylphthalate	15.32	149	575558	22.64	ng/ul	98
58) Fluorene	15.55	166	593799	23.04	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.54	204	312813	22.76	ng/ul	89
60) 4-Nitroaniline	15.57	138	126472	24.10	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.63	198	100510	18.07	ng/ul	92
64) N-Nitrosodiphenylamine	15.76	169	494097	20.00	ng/ul	96
65) 4-Bromophenyl-phenylether	16.43	248	190569	20.78	ng/ul	93
66) Hexachlorobenzene	16.54	284	207603	20.09	ng/ul	93
67) Atrazine	16.70	200	186803	19.83	ng/ul	96
68) Pentachlorophenol	16.89	266	116243	18.58	ng/ul	97
69) Phenanthrene	17.29	178	954241	20.71	ng/ul	100
71) Anthracene	17.38	178	987338	20.93	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	239002	19.86	ng/uL	100
73) Pentachlorobenzene	14.82	250	238817	20.07	ng/uL	97
74) Carbazole	17.65	167	860579	20.23	ng/ul	98
75) Di-n-butylphthalate	18.20	149	960834	20.93	ng/ul#	98
76) Fluoranthene	19.30	202	1127081	20.23	ng/ul	96
79) Pvrene	19.67	202	1207568	19.67	ng/ul	98
80) Butylbenzylphthalate	20.55	149	448423	20.01	ng/ul#	78
81) 3,3'-Dichlorobenzidine	21.34	252	435765	20.32	ng/ul	98
82) Benzo(a)anthracene	21.40	228	1295521	20.39	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.32	149	642591	19.55	ng/ul#	99
84) Chrysene	21.46	228	1222145	20.29	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	1170962	19.45	ng/ul#	85
87) Benzo(b)fluoranthene	23.04	252	1273201	20.32	ng/ul#	96
88) Benzo(k)fluoranthene	23.09	252	1255290	21.03	ng/ul#	98
90) Benzo(a)pyrene	23.64	252	1238150	20.73	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.11	276	1403231	20.63	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.12	278	1209876	20.76	ng/ul#	92
93) Benzo(g,h,i)perylene	26.84	276	1164902	20.56	ng/ul#	92

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	145751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	570730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	353329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	818571	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1117753	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1037503	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	28365	7.42	ng/uL	0.00
5) Phenol-d5	7.01	99	256740	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.19	67	185318	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	175999	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	190569	19.37	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	88723	21.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	88626	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	186759	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	222462	21.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	558131	22.46	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	699909	22.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	97232	21.23	ng/ul	0.00
57) Fluorene-d10	15.49	176	515758	22.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	92071	17.80	ng/ul	0.00
70) Anthracene-d10	17.34	188	802578	20.56	ng/ul	0.00
78) Pyrene-d10	19.64	212	943683	19.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	991507	20.75	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
2) 1,4-Dioxane	3.36	88	35864	8.39	ng/uL#	79	
4) Benzaldehyde	7.00	77	207556	22.48	ng/ul#	79	
6) Phenol	7.04	94	273838	19.42	ng/ul#	76	
8) Bis(2-Chloroethyl) ether	7.28	93	211459	19.25	ng/ul#	76	
10) 2-Chlorophenol	7.42	128	187504	19.86	ng/ul#	76	
11) 2-Methylphenol	8.29	108	195547	20.04	ng/ul	97	
12) 2,2'-oxybis(1-Chloropropan	8.39	45	357096	20.04	ng/ul#	89	
14) Acetophenone	8.68	105	327078	19.49	ng/ul#	75	
15) N-Nitroso-di-n-propylamine	8.66	70	191961	19.82	ng/ul#	74	
16) 4-Methylphenol	8.62	108	203457	19.20	ng/ul	95	
17) Hexachloroethane	8.93	117	92411	20.28	ng/ul	98	
20) Nitrobenzene	9.06	77	296148	20.94	ng/ul#	79	
21) Isophorone	9.58	82	479491	20.39	ng/ul#	91	
23) 2-Nitrophenol	9.77	139	99213	20.62	ng/ul#	65	
24) 2,4-Dimethylphenol	9.82	107	244528	20.58	ng/ul	93	
25) Bis(2-Chloroethoxy)methane	10.06	93	278283	20.42	ng/ul#	97	
27) 2,4-Dichlorophenol	10.30	162	181766	20.25	ng/ul	88	
28) Naphthalene	10.70	128	603603	20.90	ng/ul	99	
30) 4-Chloroaniline	10.82	127	235068	21.63	ng/ul	99	
31) Hexachlorobutadiene	10.97	225	141888	20.18	ng/ul	97	
32) Caprolactam	11.59	113	54578m	19.73	ng/ul	89	
33) 4-Chloro-3-methylphenol	11.93	107	208818	20.72	ng/ul	99	
34) 2-Methylnaphthalene	12.32	142	429434	20.62	ng/ul	99	

SJ
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Quantitation Report (Qedit)

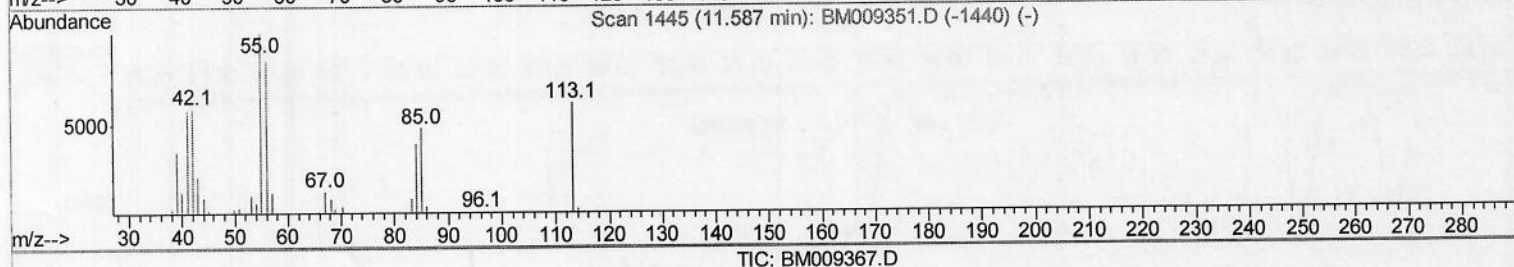
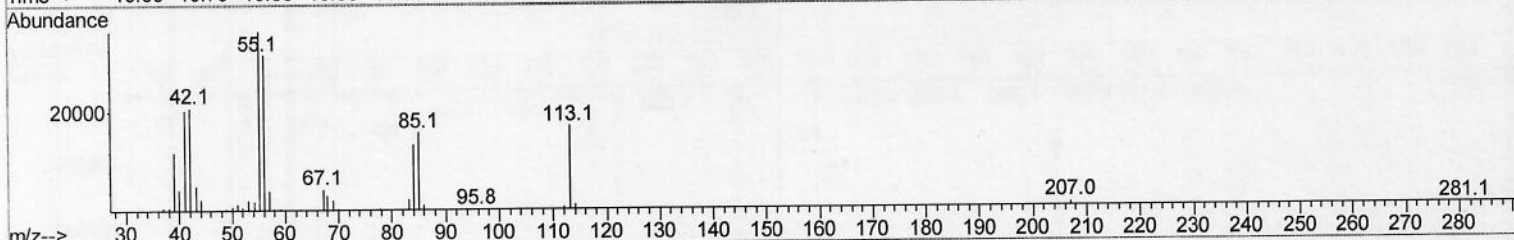
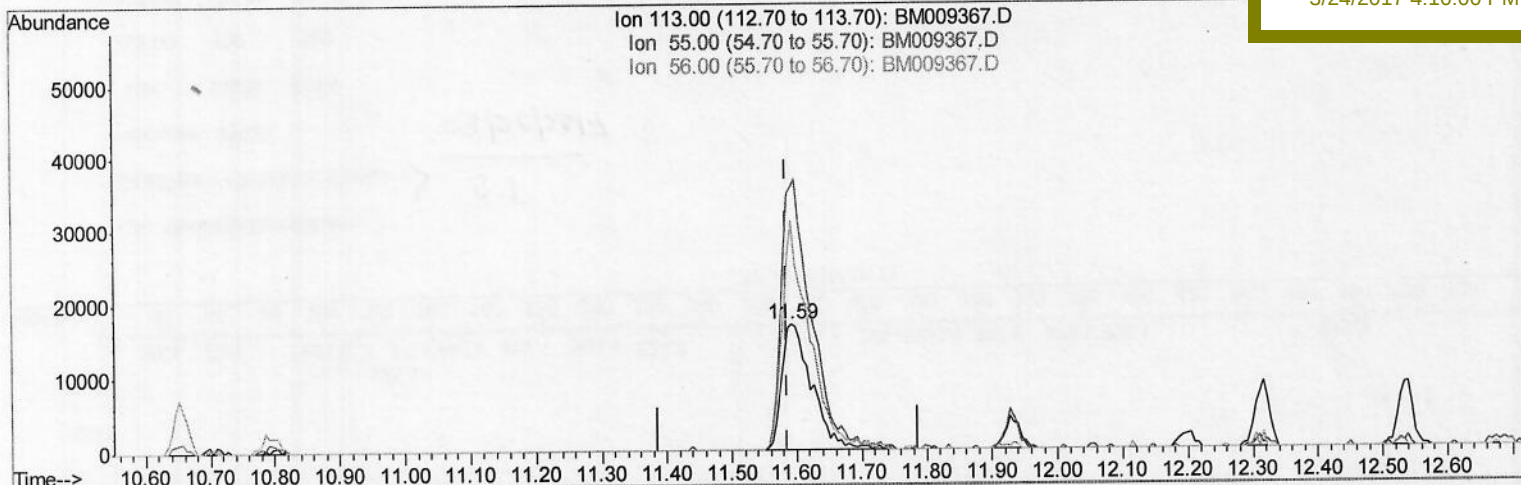
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(32) Caprolactam

11.592min (+0.006) 19.73ng/ul m

response 54578

Ion Exp% Act%

113.00 100 100

55.00 127.40 209.84#

56.00 101.50 182.25#

0.00 0.00 0.00

55
 03/27/2017

Quantitation Report (Qedit)

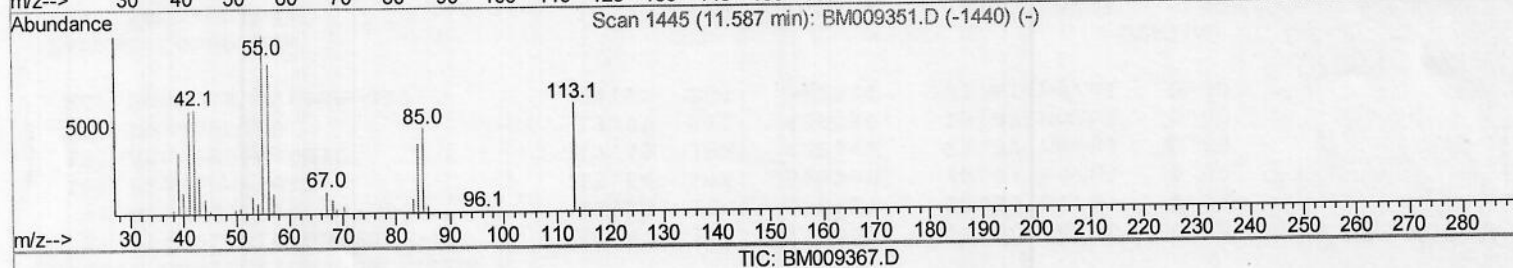
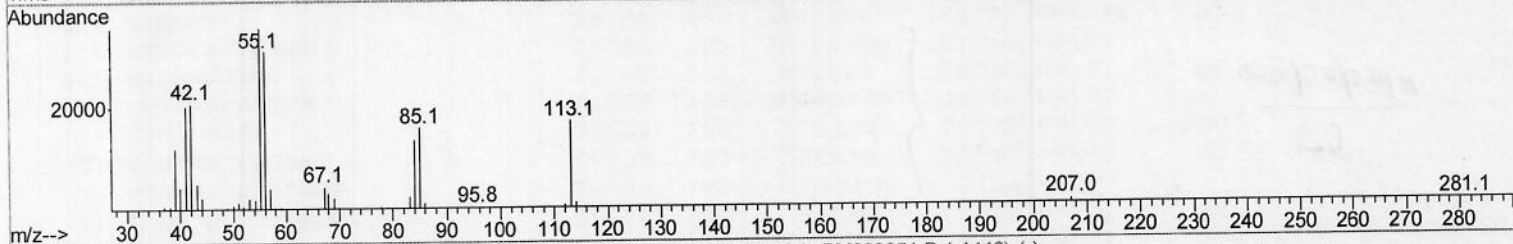
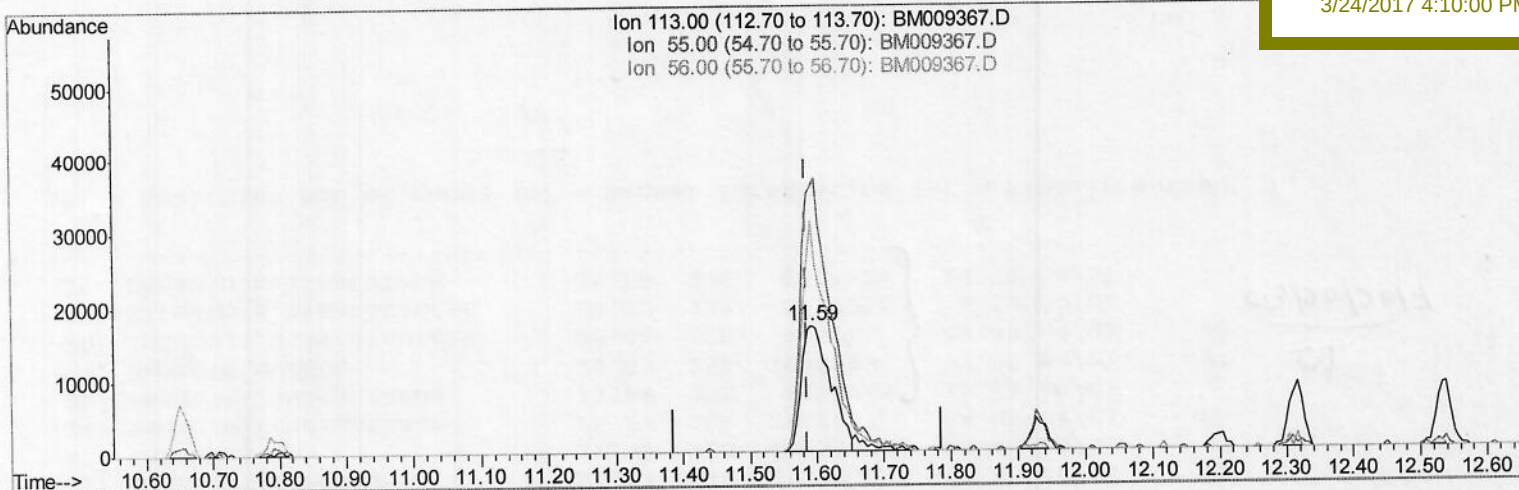
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(32) Caprolactam

11.592min (+0.006) 18.65ng/ul

response 51588

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	209.84#
56.00	101.50	182.25#
0.00	0.00	0.00