

(OT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
Data File : BG019283.D
Acq On : 21 Oct 2015 16:23
Operator : UM/NP
Sample : SSTCCCC020

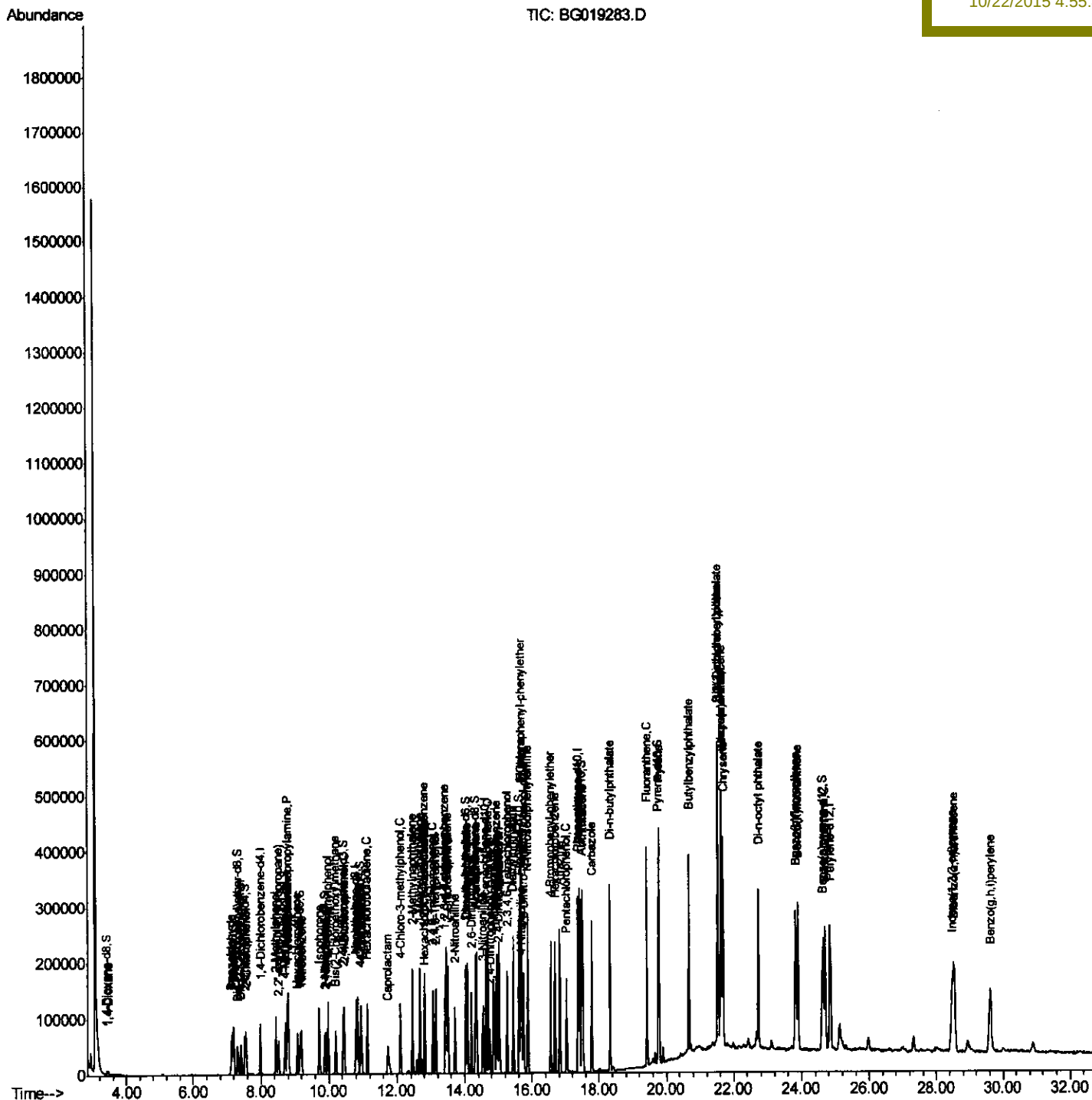
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 17:04:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 12:55:56 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	87639	19.85	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	54910	22.20	ng/ul#	96
38) Hexachlorocyclopentadiene	12.79	237	20729	14.09	ng/ul	98
39) 2,4,6-Trichlorophenol	13.06	196	36347	23.63	ng/ul	92
40) 2,4,5-Trichlorophenol	13.14	196	39089	23.10	ng/ul	96
41) 1,1'-Biphenyl	13.46	154	117517	19.51	ng/ul#	96
42) 2-Chloronaphthalene	13.50	162	93285	20.03	ng/ul	95
43) 2-Nitroaniline	13.70	65	36018	19.76	ng/ul	91
45) Dimethylphthalate	14.07	163	125729	18.49	ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	26338	20.32	ng/ul#	84
48) Acenaphthylene	14.34	152	155254	19.30	ng/ul	98
49) 3-Nitroaniline	14.53	138	25623	20.62	ng/ul	83
50) Acenaphthene	14.69	153	104837	19.46	ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	17916	24.15	ng/ul#	85
53) 4-Nitrophenol	14.86	109	25965	19.58	ng/ul#	75
54) Dibenzofuran	15.02	168	146328	19.22	ng/ul#	85
55) 2,4-Dinitrotoluene	14.99	165	41091	19.53	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.26	232	38928	23.94	ng/ul	98
57) Diethylphthalate	15.44	149	129926	18.41	ng/ul	98
59) Fluorene	15.67	166	125996	19.34	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.66	204	65098	19.37	ng/ul	91
61) 4-Nitroaniline	15.70	138	28365	19.27	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.76	198	25222	21.61	ng/ul#	94
65) N-Nitrosodiphenylamine	15.88	169	106566	20.70	ng/ul	98
66) 4-Bromophenyl-phenylether	16.55	248	42726	20.17	ng/ul#	91
67) Hexachlorobenzene	16.68	284	47557	19.38	ng/ul	95
68) Atrazine	16.83	200	51937	20.98	ng/ul	98
69) Pentachlorophenol	17.03	266	30786	24.41	ng/ul	96
70) Phenanthrene	17.41	178	202764	19.38	ng/ul	99
72) Anthracene	17.51	178	206262	19.41	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	54224	23.75	ng/uL	98
74) Pentachlorobenzene	14.94	250	53067	21.23	ng/uL	94
75) Carbazole	17.78	167	174005	18.99	ng/ul	97
76) Di-n-butylphthalate	18.33	149	220304	18.26	ng/ul#	97
77) Fluoranthene	19.42	202	245456	18.74	ng/ul#	92
80) Pyrene	19.79	202	252029	19.97	ng/ul#	88
81) Butylbenzylphthalate	20.67	149	98138	21.38	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	89222	22.97	ng/ul#	99
83) Benzo(a)anthracene	21.62	228	248384	20.68	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	140404	22.14	ng/ul	97
85) Chrysene	21.68	228	232031	20.43	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	238592	20.64	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	255167	20.71	ng/ul#	96
89) Benzo(k)fluoranthene	23.89	252	238577	19.73	ng/ul#	94
91) Benzo(a)pyrene	24.68	252	242871	20.50	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.47	276	275923	19.62	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.53	278	226814	18.50	ng/ul#	92
94) Benzo(g,h,i)perylene	29.62	276	225565	19.50	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	108821	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	77163	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	187343	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	212631	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	217227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	2486	5.80	ng/uL	0.00
5) Phenol-d5	7.17	99	39119	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	23506	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	30777	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	33424	18.94	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	16568	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	18969	21.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	38570	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	47127	20.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	124402	18.43	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	145922	20.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	23795	19.61	ng/ul	0.00
58) Fluorene-d10	15.61	176	111320	19.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25665	22.21	ng/ul	0.00
71) Anthracene-d10	17.47	188	173428	19.59	ng/ul	0.00
79) Pyrene-d10	19.76	212	196047	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	216832	19.76	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	3261	6.46	ng/uL	99
4) Benzaldehyde	7.12	77	24628	20.35	ng/ul	95
6) Phenol	7.19	94	39838	18.37	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.41	93	27669	17.99	ng/ul	97
10) 2-Chlorophenol	7.56	128	30836	19.79	ng/ul	99
11) 2-Methylphenol	8.44	108	32495	19.09	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.52	45	50375	14.69	ng/ul#	95
14) Acetophenone	8.81	105	54279	18.23	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.79	70	27321	17.96	ng/ul#	97
16) 4-Methylphenol	8.77	108	36235	18.98	ng/ul	99
17) Hexachloroethane	9.07	117	13731	20.47	ng/ul	96
20) Nitrobenzene	9.19	77	43201	18.80	ng/ul	97
21) Isophorone	9.72	82	81804	18.27	ng/ul#	96
23) 2-Nitrophenol	9.90	139	19697	20.83	ng/ul#	81
24) 2,4-Dimethylphenol	9.97	107	47702	20.83	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.20	93	42491	18.37	ng/ul	99
27) 2,4-Dichlorophenol	10.45	162	38173	21.45	ng/ul	95
28) Naphthalene	10.84	128	110840	19.49	ng/ul	99
30) 4-Chloroaniline	10.95	127	48536	20.75	ng/ul	100
31) Hexachlorobutadiene	11.13	225	28813	22.17	ng/ul	97
32) Caprolactam	11.73	113	13550m	20.57	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	47022	20.98	ng/ul#	81
34) 2-Methylnaphthalene	12.45	142	87661	19.44	ng/ul	97

U.M.
 10-22-15

Quantitation Report (Qedit)

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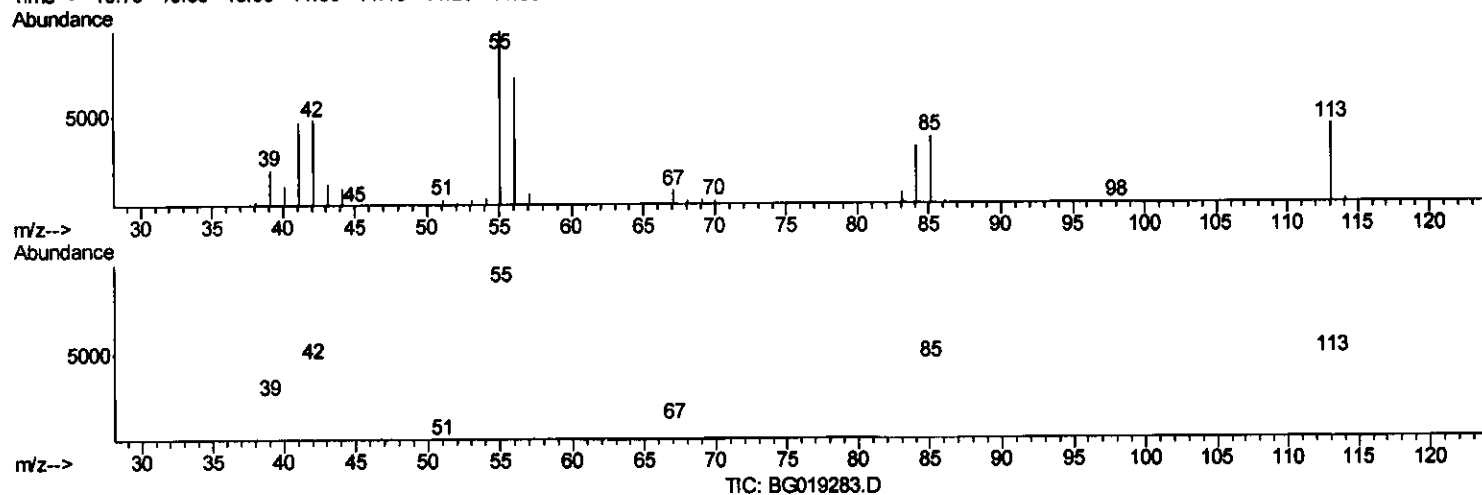
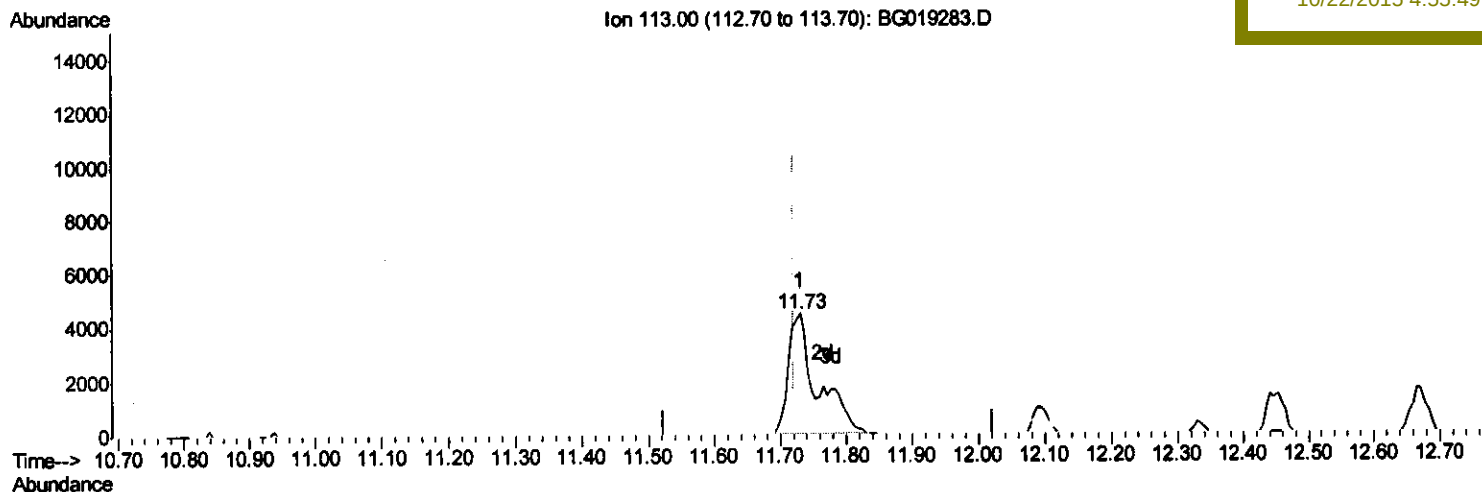
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(32) Caprolactam

11.730min (+0.008) 20.57ng/ul m

response 13550

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	217.56
56.00	157.30	158.67
0.00	0.00	0.00

UM
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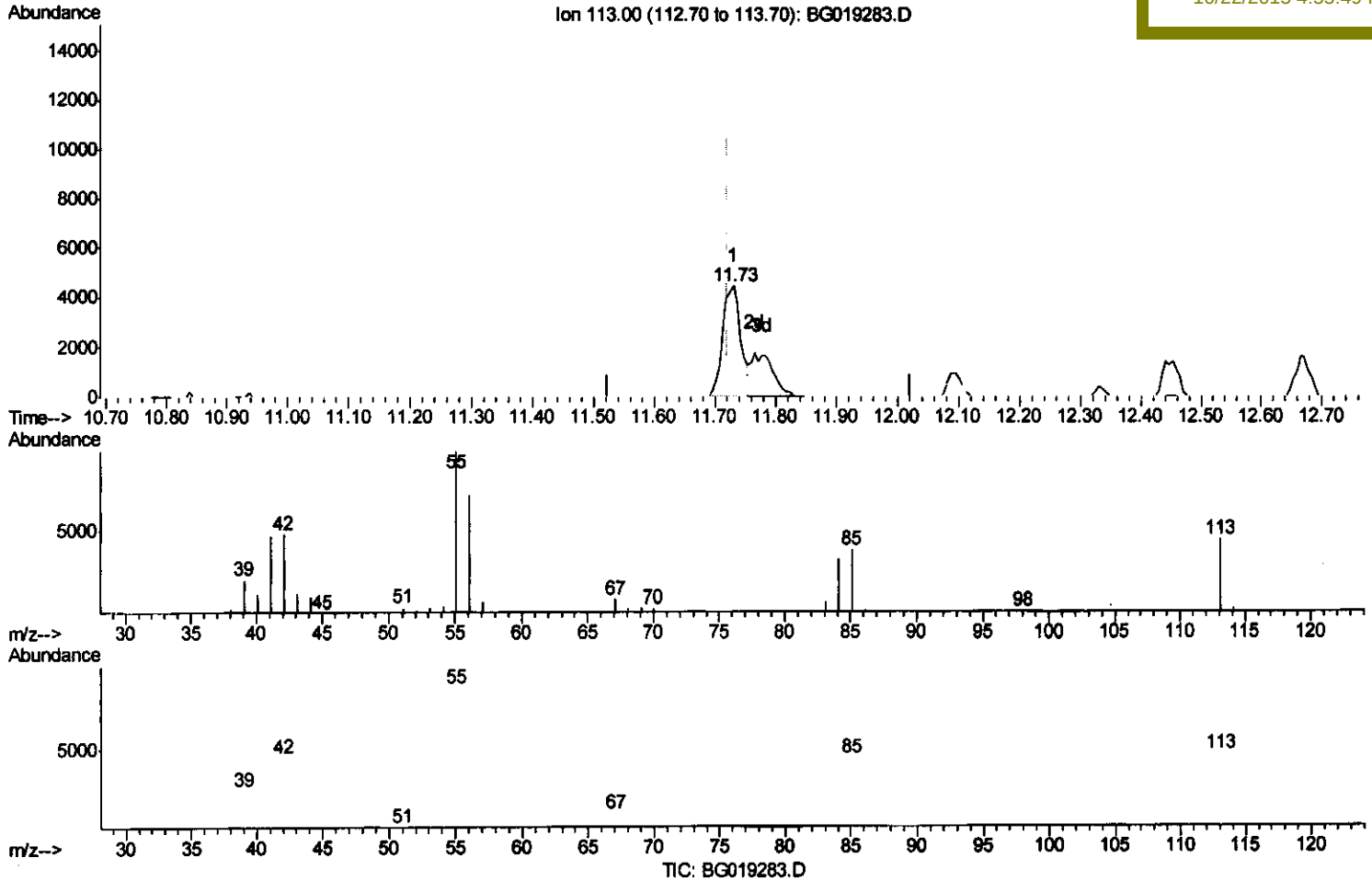
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(32) Caprolactam

11.730min (+0.008) 14.10ng/ul

response 9290

Ion	Exp%	Act%
113.00	100	100
55.00	211.60	217.56
56.00	157.30	158.87
0.00	0.00	0.00