

(QT Reviewed)

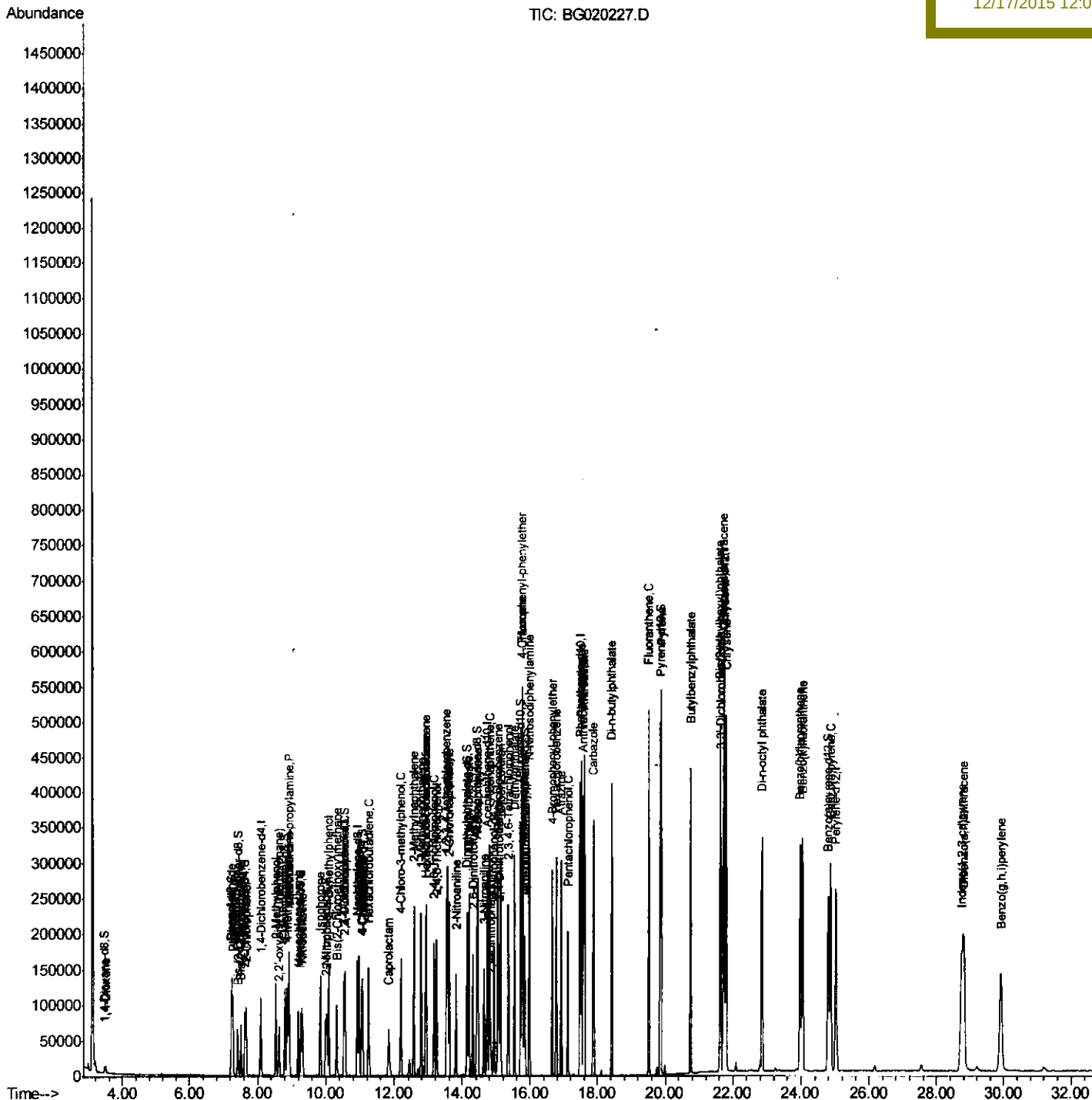
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Data Path   : Z:\HPCHEM1\BNA_G\Data\BG121715\  
Data File  : BG020227.D  
Acq On     : 16 Dec 2015   18:17  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual Integrations

MMdadoda
12/17/2015 12:00:17 PM

Quant Time: Dec 17 03:48:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration



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Manual Integrations
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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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 12/17/2015 12:00:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	106230	20.78	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	76918	20.65	ng/ul	99
38) Hexachlorocyclopentadiene	12.91	237	43994	19.11	ng/ul	96
39) 2,4,6-Trichlorophenol	13.17	196	50186	21.00	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	55985	21.08	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	154136	20.58	ng/ul	96
42) 2-Chloronaphthalene	13.61	162	122479	20.43	ng/ul	98
43) 2-Nitroaniline	13.81	65	42276	20.74	ng/ul	98
45) Dimethylphthalate	14.18	163	168284	20.52	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	35304	20.81	ng/ul	94
48) Acenaphthylene	14.45	152	203796	20.54	ng/ul	98
49) 3-Nitroaniline	14.63	138	35545	21.59	ng/ul	96
50) Acenaphthene	14.79	153	136964	20.51	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	18381	19.04	ng/ul	99
53) 4-Nitrophenol	14.93	109	27589	19.92	ng/ul	98
54) Dibenzofuran	15.12	168	205462	20.69	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	53652	21.55	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.35	232	54056	21.17	ng/ul#	98
57) Diethylphthalate	15.53	149	173901	20.44	ng/ul	99
59) Fluorene	15.77	166	164577	20.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	93551	20.80	ng/ul	98
61) 4-Nitroaniline	15.79	138	38205	21.46	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	33535	20.38	ng/ul	96
65) N-Nitrosodiphenylamine	15.97	169	149338	20.77	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	64677	21.31	ng/ul	98
67) Hexachlorobenzene	16.77	284	68643	21.06	ng/ul	100
68) Atrazine	16.92	200	64335	20.98	ng/ul	97
69) Pentachlorophenol	17.11	266	39303	20.00	ng/ul	100
70) Phenanthrene	17.51	178	287571	20.33	ng/ul	99
72) Anthracene	17.60	178	292209	20.37	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	83856	20.70	ng/uL	95
74) Pentachlorobenzene	15.05	250	78551	20.91	ng/uL	96
75) Carbazole	17.87	167	250313	20.77	ng/ul	100
76) Di-n-butylphthalate	18.42	149	288874	20.62	ng/ul	98
77) Fluoranthene	19.52	202	349711	21.16	ng/ul	98
80) Pyrene	19.88	202	347661	19.80	ng/ul	100
81) Butylbenzylphthalate	20.75	149	125591	20.59	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	113609	21.44	ng/ul	95
83) Benzo(a)anthracene	21.72	228	349109	20.63	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	176032	20.18	ng/ul	99
85) Chrysene	21.79	228	323888	20.32	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	306350	20.12	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	335634	20.12	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	325831	20.36	ng/ul	99
91) Benzo(a)pyrene	24.86	252	323007	20.43	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	382438	20.31	ng/ul	96
93) Dibenzo(a,h)anthracene	28.80	278	319360	20.43	ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	307939	19.95	ng/ul	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
 SSTD02040

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	29583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	133277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	99255	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	258583	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	290062	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	277127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	4125	7.70	ng/uL	0.00
5) Phenol-d5	7.25	99	52822	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31964	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	41132	21.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	46615	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22179	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	25174	21.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	50603	21.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	59241	22.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	164610	20.50	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	192736	20.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	28182	19.57	ng/ul	0.00
58) Fluorene-d10	15.72	176	149434	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	31424	20.50	ng/ul	0.00
71) Anthracene-d10	17.57	188	243219	20.41	ng/ul	0.00
79) Pyrene-d10	19.85	212	272536	20.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	283617	20.52	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	5921	7.48	ng/uL	96
4) Benzaldehyde	7.23	77	36767	21.77	ng/ul	96
6) Phenol	7.27	94	57283	20.51	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.51	93	39224	20.47	ng/ul	95
10) 2-Chlorophenol	7.66	128	41993	21.13	ng/ul	96
11) 2-Methylphenol	8.54	108	43748	20.53	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.63	45	53655	19.44	ng/ul	100
14) Acetophenone	8.92	105	71638	20.51	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.91	70	37827	20.46	ng/ul	98
16) 4-Methylphenol	8.87	108	49338	20.92	ng/ul	98
17) Hexachloroethane	9.19	117	17099	20.48	ng/ul	97
20) Nitrobenzene	9.31	77	56322	20.46	ng/ul	98
21) Isophorone	9.83	82	105252	20.03	ng/ul	99
23) 2-Nitrophenol	10.02	139	26687	21.53	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	59179	21.02	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	56733	19.93	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	51596	21.45	ng/ul	93
28) Naphthalene	10.97	128	145558	20.91	ng/ul	98
30) 4-Chloroaniline	11.07	127	60450	22.51	ng/ul	98
31) Hexachlorobutadiene	11.24	225	36958	20.61	ng/ul	95
32) Caprolactam	11.83	113	17269m	20.34	ng/ul	95
33) 4-Chloro-3-methylphenol	12.19	107	59206	20.71	ng/ul	94
34) 2-Methylnaphthalene	12.56	142	109554	20.61	ng/ul	96

U.24
 12/18/15

Quantitation Report (Qedit)

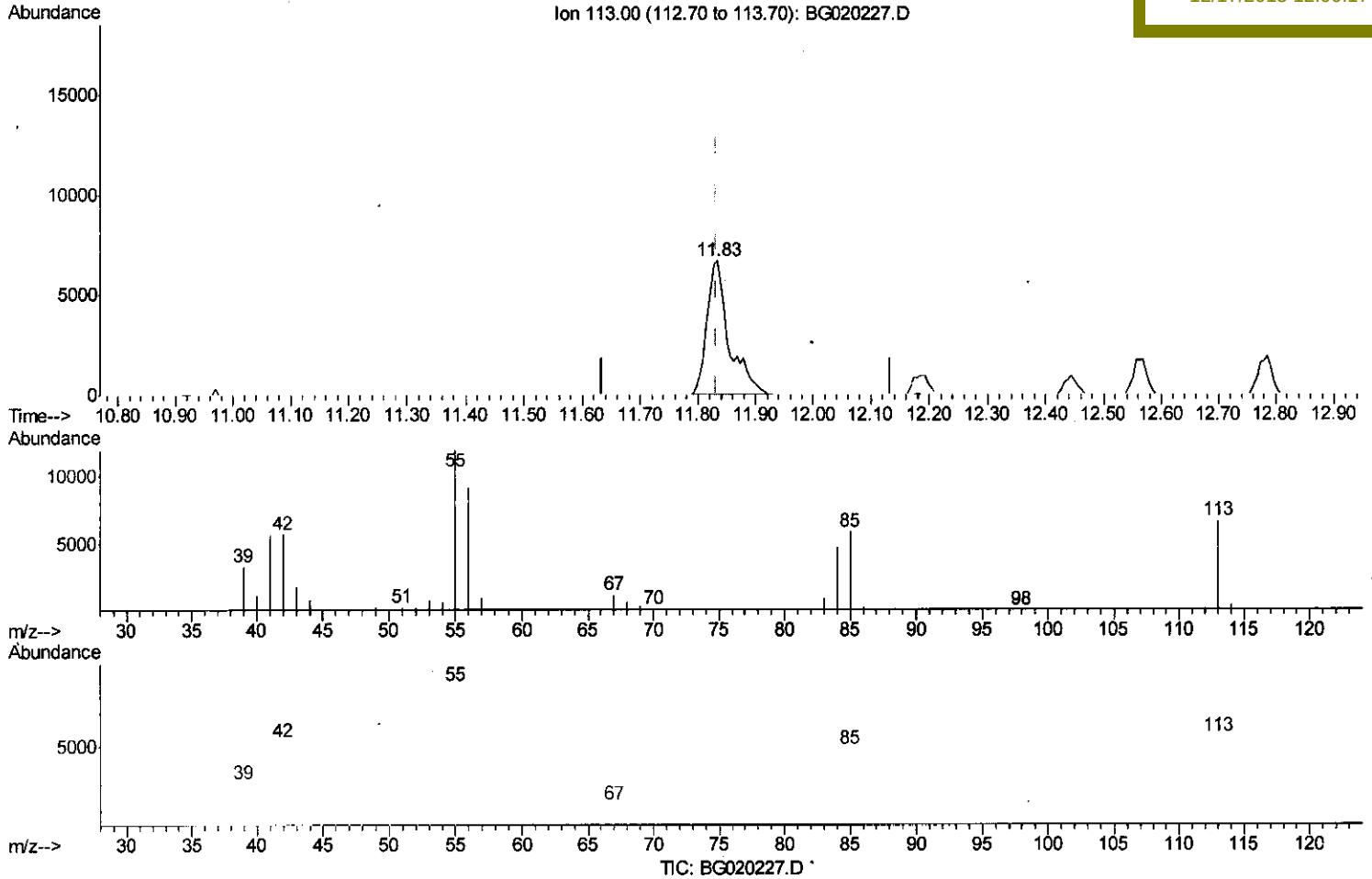
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 12/17/2015 12:00:17 PM



(32) Caprolactam

11.833min (-0.001) 20.34ng/ul m

response 17269

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	179.44
56.00	129.10	137.91
0.00	0.00	0.00

U.A
 12/18/15

Quantitation Report (Qedit)

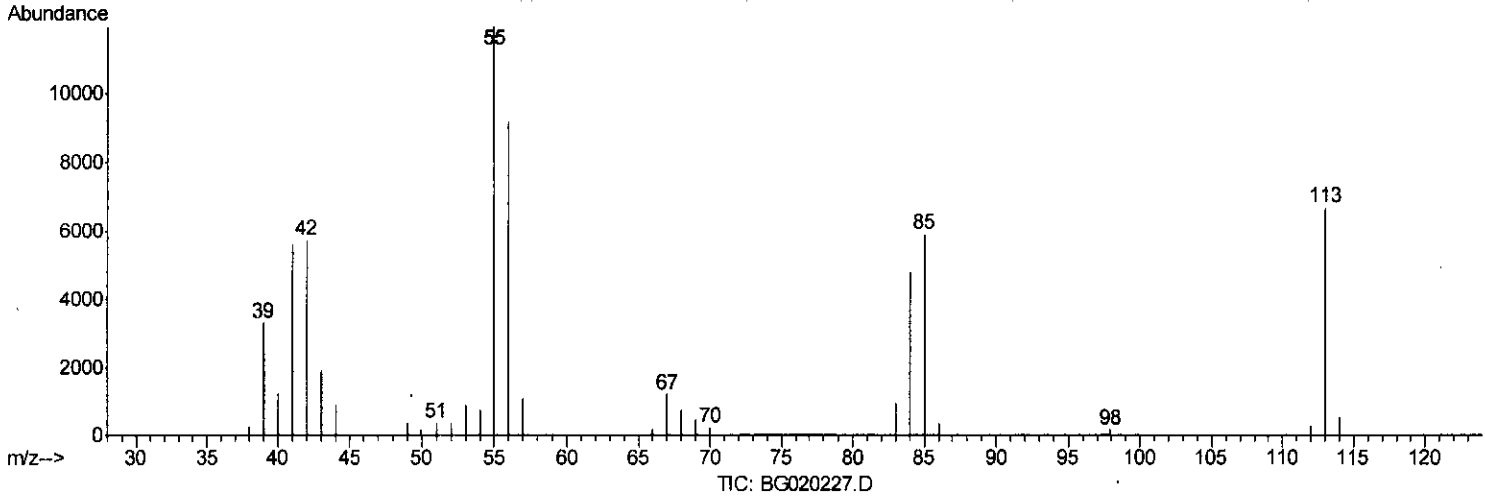
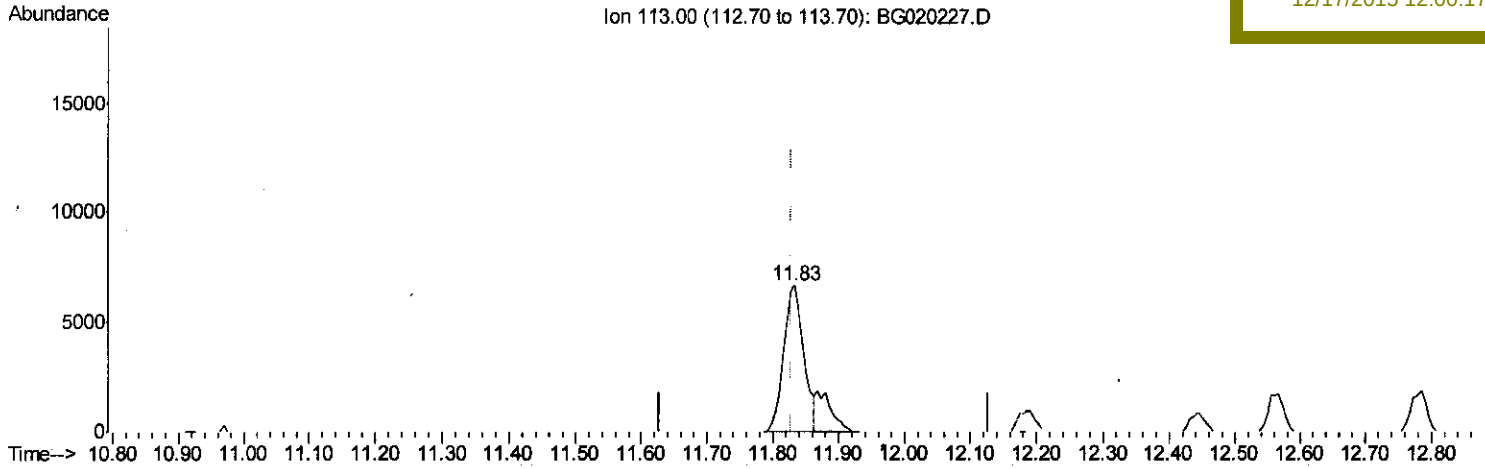
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LabSampleId :
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Quant Time: Dec 18 10:50:33 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 02:40:02 2015
 Response via : Initial Calibration

Manual Integrations
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 12/17/2015 12:00:17 PM



(32) Caprolactam
 11.833min (+0.005) 16.71ng/ul
 response 14186

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	179.44
56.00	129.10	137.91
0.00	0.00	0.00