

(QT Reviewed)

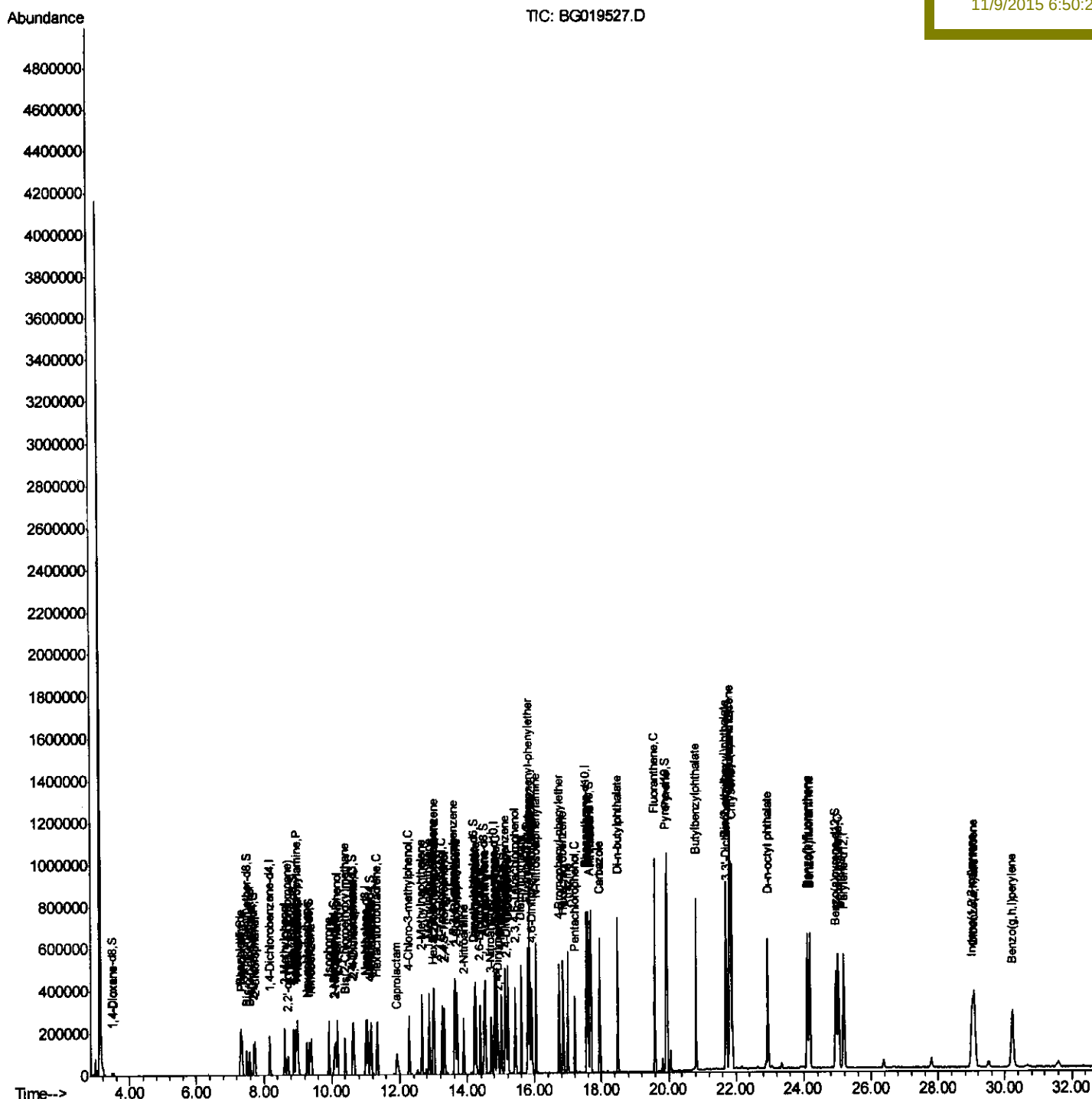
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\  
Data File : BG019527.D  
Acq On    : 7 Nov 2015 00:38  
Operator  : UM/NP  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02006

Quant Time: Nov 07 01:36:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 23:58:14 2015
Response via : Initial Calibration

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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	153964	20.87	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	125970	18.71	ng/ul	94
38) Hexachlorocyclopentadiene	12.99	237	69296	13.87	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.25	196	77644	19.51	ng/ul	96
40) 2,4,5-Trichlorophenol	13.33	196	84949	19.45	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	222374	19.26	ng/ul#	95
42) 2-Chloronaphthalene	13.70	162	177973	19.76	ng/ul	95
43) 2-Nitroaniline	13.89	65	80419	20.88	ng/ul	92
45) Dimethylphthalate	14.25	163	257927	18.73	ng/ul	96
46) 2,6-Dinitrotoluene	14.38	165	55004	19.73	ng/ul	96
48) Acenaphthylene	14.54	152	300243	19.65	ng/ul	100
49) 3-Nitroaniline	14.71	138	51665	21.53	ng/ul	92
50) Acenaphthene	14.87	153	200917	19.47	ng/ul	98
51) 2,4-Dinitrophenol	14.91	184	36255	17.30	ng/ul	94
53) 4-Nitrophenol	15.01	109	59508	17.84	ng/ul#	69
54) Dibenzofuran	15.21	168	294822	19.40	ng/ul	94
55) 2,4-Dinitrotoluene	15.16	165	85498	19.42	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.43	232	89704	19.65	ng/ul	97
57) Diethylphthalate	15.61	149	260795	19.18	ng/ul	98
59) Fluorene	15.85	166	258688	19.52	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	149629	19.00	ng/ul	96
61) 4-Nitroaniline	15.86	138	54800	19.87	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.92	198	59759	18.89	ng/ul#	91
65) N-Nitrosodiphenylamine	16.05	169	233379	19.96	ng/ul	94
66) 4-Bromophenyl-phenylether	16.73	248	104329	19.42	ng/ul	97
67) Hexachlorobenzene	16.85	284	114237	20.04	ng/ul	90
68) Atrazine	16.99	200	116717	20.14	ng/ul	96
69) Pentachlorophenol	17.20	266	63023	18.73	ng/ul	96
70) Phenanthrene	17.59	178	457481	20.06	ng/ul	99
72) Anthracene	17.69	178	464776	19.99	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	126184	19.27	ng/uL	90
74) Pentachlorobenzene	15.12	250	124970	18.93	ng/uL	99
75) Carbazole	17.95	167	386674	20.84	ng/ul	96
76) Di-n-butylphthalate	18.49	149	464797	20.21	ng/ul	99
77) Fluoranthene	19.59	202	618104	20.93	ng/ul#	95
80) Pyrene	19.95	202	632456	19.39	ng/ul#	91
81) Butylbenzylphthalate	20.82	149	217984	20.57	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	232813	20.45	ng/ul#	95
83) Benzo(a)anthracene	21.81	228	676053	19.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	315979	20.98	ng/ul#	98
85) Chrysene	21.88	228	627948	19.78	ng/ul	98
87) Di-n-octyl phthalate	22.95	149	540561	21.48	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	646589	19.73	ng/ul#	98
89) Benzo(k)fluoranthene	24.18	252	626090	19.85	ng/ul#	96
91) Benzo(a)pyrene	25.02	252	620907	19.72	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.02	276	716122	20.19	ng/ul	98
93) Dibenzo(a,h)anthracene	29.09	278	589882	19.92	ng/ul#	97
94) Benzo(g,h,i)perylene	30.23	276	579703	21.54	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46042	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	193914	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	163333	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	451934	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	581122	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	555613	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8060	8.38	ng/uL	0.00
5) Phenol-d5	7.33	99	86350	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	59797	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	53232	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	68409	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	28695	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35173	20.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	74254	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	85995	23.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	264605	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	294929	19.78	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	43931	20.54	ng/ul	0.00
58) Fluorene-d10	15.80	176	242619	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	56217	19.22	ng/ul	0.00
71) Anthracene-d10	17.65	188	416315	20.21	ng/ul	0.00
79) Pyrene-d10	19.92	212	487352	19.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	553258	19.84	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.53	88	9401	8.59 ng/uL#	86
4) Benzaldehyde	7.30	77	68872m	25.05 ng/ul	
6) Phenol	7.35	94	93627	20.79 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.59	93	64737	20.93 ng/ul	94
10) 2-Chlorophenol	7.74	128	54686	20.14 ng/ul	95
11) 2-Methylphenol	8.62	108	69131	20.76 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.71	45	58776	23.71 ng/ul#	92
14) Acetophenone	9.01	105	118046	20.89 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.98	70	77655	20.96 ng/ul#	86
16) 4-Methylphenol	8.95	108	77130	21.21 ng/ul	87
17) Hexachloroethane	9.27	117	27925	19.68 ng/ul	87
20) Nitrobenzene	9.39	77	115399	20.71 ng/ul	96
21) Isophorone	9.92	82	206152	20.42 ng/ul	98
23) 2-Nitrophenol	10.11	139	37871	19.71 ng/ul#	86
24) 2,4-Dimethylphenol	10.16	107	98127	19.55 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.40	93	101851	21.32 ng/ul	99
27) 2,4-Dichlorophenol	10.65	162	72040	20.54 ng/ul#	93
28) Naphthalene	11.06	128	191626	19.75 ng/ul	96
30) 4-Chloroaniline	11.16	127	86610	22.25 ng/ul	97
31) Hexachlorobutadiene	11.34	225	64571	18.02 ng/ul	89
32) Caprolactam	11.91	113	29288m	23.30 ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	101040	21.46 ng/ul#	94
34) 2-Methylnaphthalene	12.65	142	157361	20.18 ng/ul	99

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Quantitation Report (Qedit)

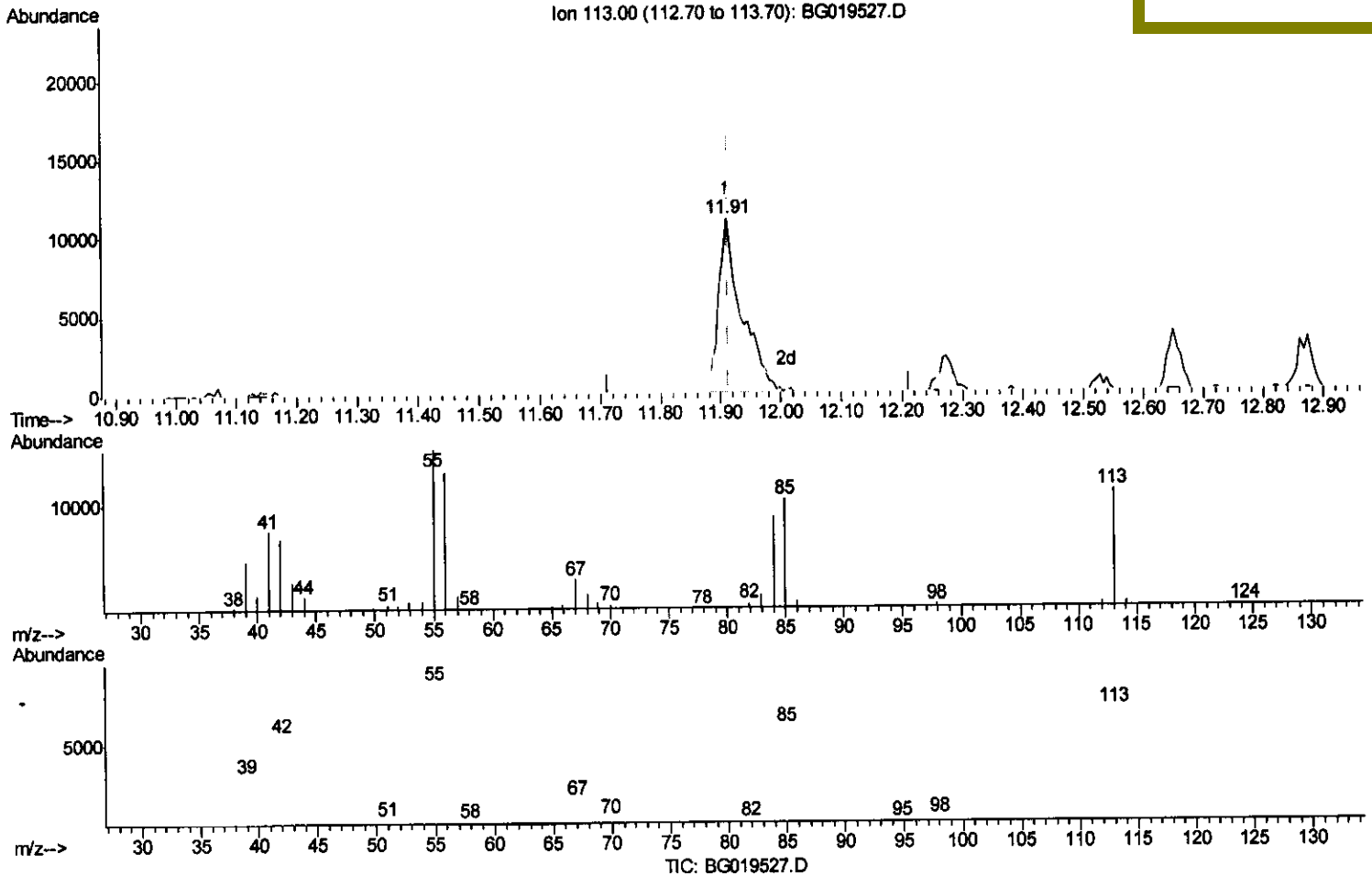
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(32) Caprolactam

11.910min (-0.002) 23.30ng/ul m

response 29288

Ion	Exp%	Act%
113.00	100	100
55.00	116.40	137.34
56.00	99.90	118.29
0.00	0.00	0.00

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11/07/15

Quantitation Report (Qedit)

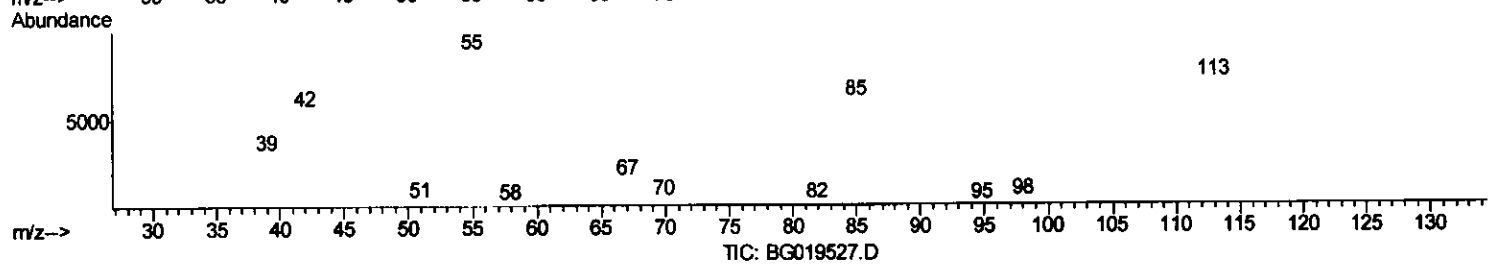
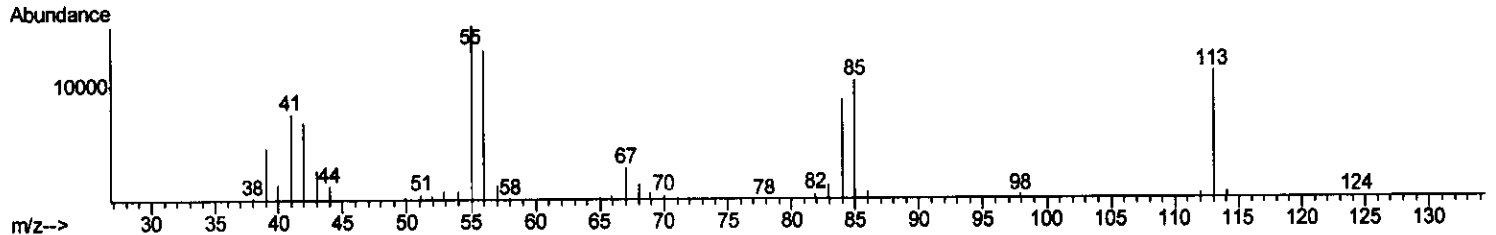
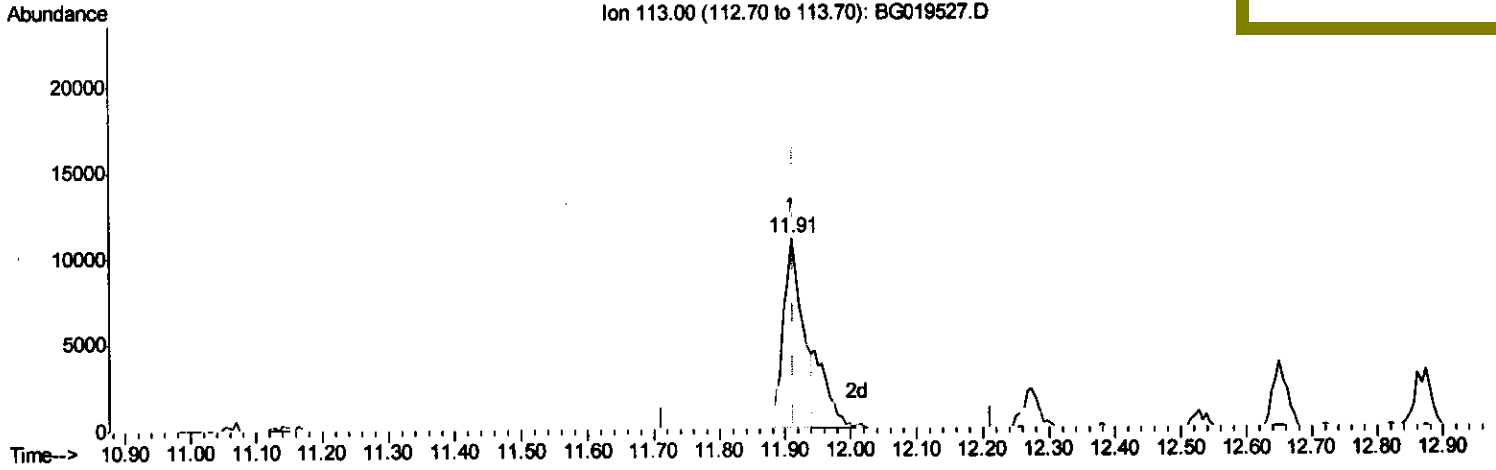
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(32) Caprolactam

11.910min (-0.002) 17.72ng/ul

response 22274

Ion	Exp%	Act%
113.00	100	100
55.00	116.40	137.34
56.00	99.90	118.29
0.00	0.00	0.00

Quantitation Report (Qedit)

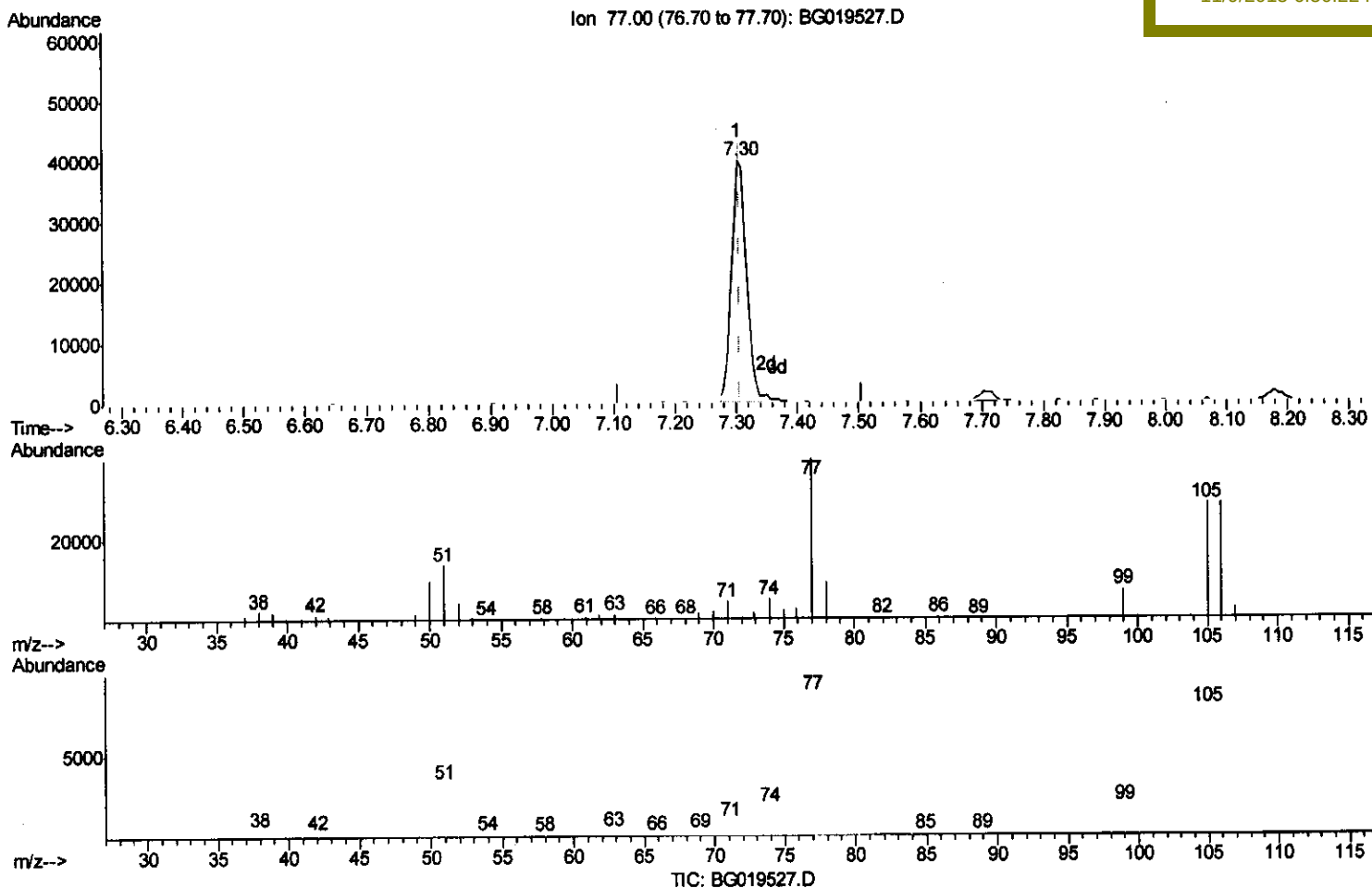
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(4) Benzaldehyde

7.303min (-0.002) 25.05ng/ul m

response 68872

Ion	Exp%	Act%
77.00	100	100
105.00	77.00	71.14
106.00	70.50	71.06
0.00	0.00	0.00

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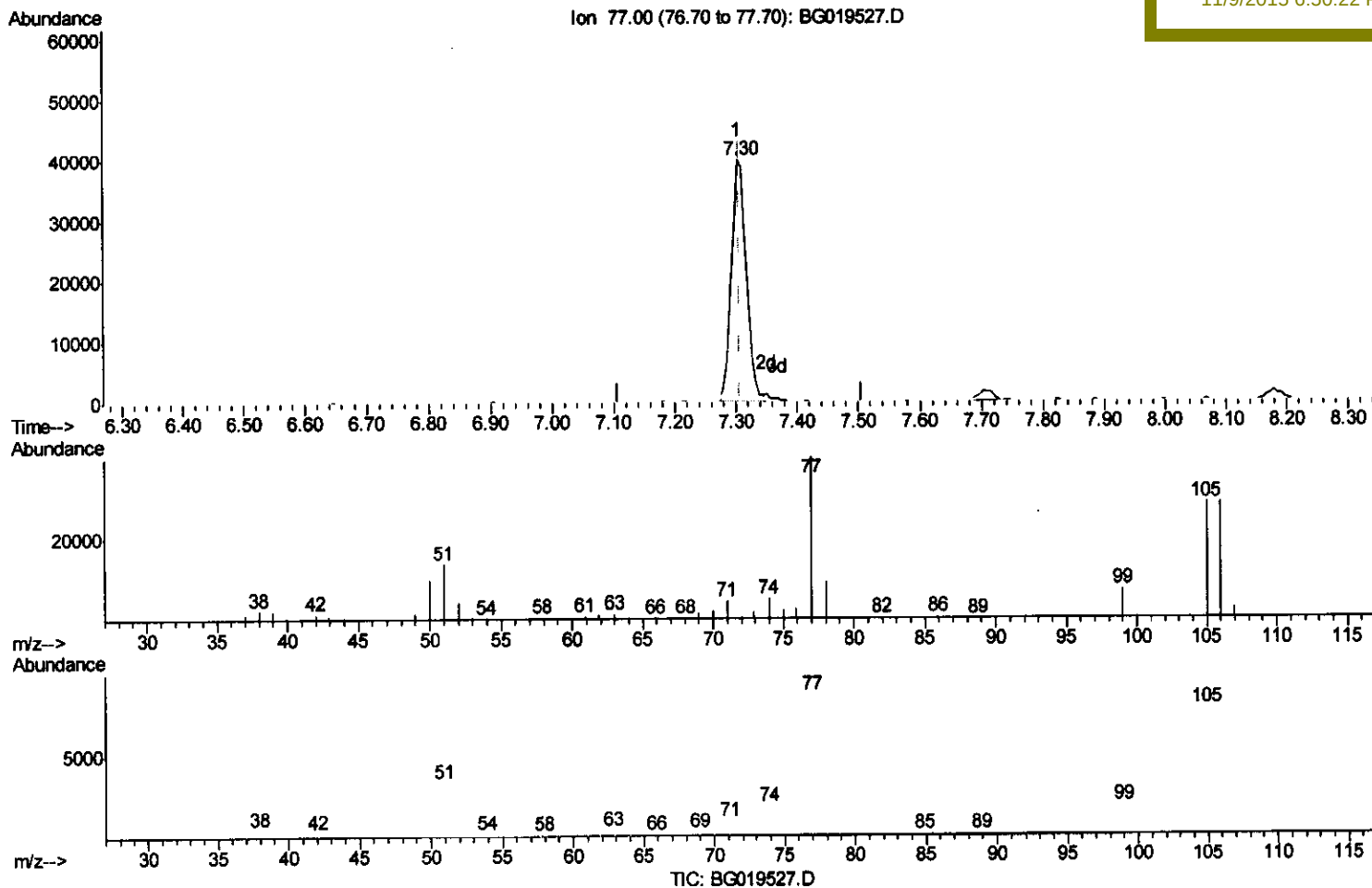
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(4) Benzaldehyde

7.303min (-0.002) 24.59ng/ul

response 67613

Ion	Exp%	Act%
77.00	100	100
105.00	77.00	71.14
106.00	70.50	71.06
0.00	0.00	0.00