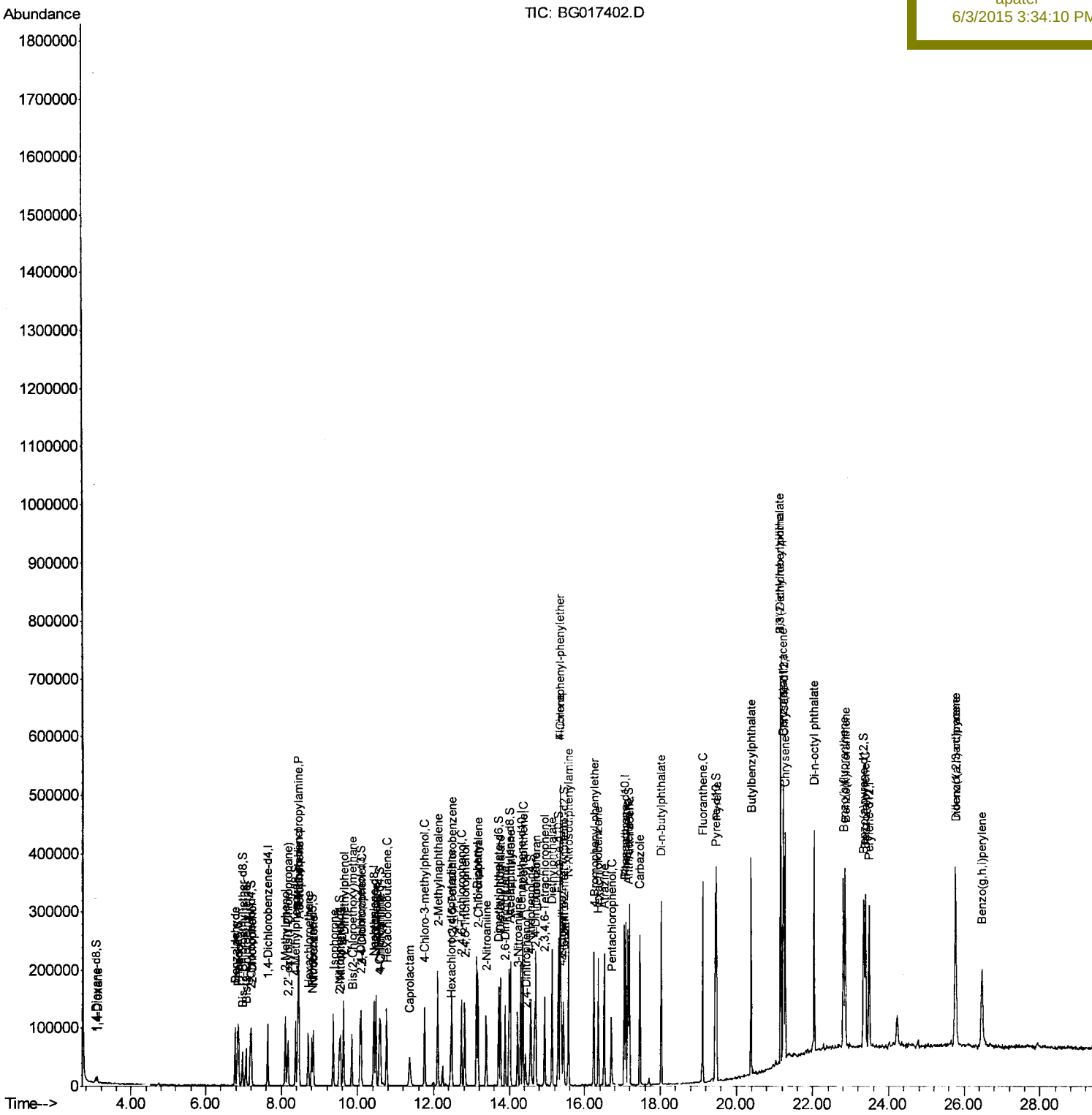
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017402.D
Acq On : 2 Jun 2015 19:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 04:45:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02013

Manual Integrations APPROVED
apatel
6/3/2015 3:34:10 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017402.D
Acq On : 2 Jun 2015 19:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 04:45:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02013

Manual Integrations APPROVED
apatel
6/3/2015 3:34:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	42284	21.62	ng/ul	96
37) Hexachlorocyclopentadiene	12.45	237	10455	10.87	ng/ul	87
38) 2,4,6-Trichlorophenol	12.73	196	29150	22.51	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	32483	23.00	ng/ul	85
40) 1,1'-Biphenyl	13.13	154	102664	20.34	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	83746	20.71	ng/ul	96
42) 2-Nitroaniline	13.38	65	30498	20.43	ng/ul	91
44) Dimethylphthalate	13.76	163	104668	19.63	ng/ul	98
45) 2,6-Dinitrotoluene	13.88	165	24360	20.63	ng/ul	98
47) Acenaphthylene	14.02	152	137597	20.59	ng/ul	99
48) 3-Nitroaniline	14.22	138	24984	20.83	ng/ul	99
49) Acenaphthene	14.36	153	90529	20.95	ng/ul	96
50) 2,4-Dinitrophenol	14.43	184	11074	18.45	ng/ul#	83
52) 4-Nitrophenol	14.58	109	22412	21.44	ng/ul	94
53) Dibenzofuran	14.70	168	123917	20.22	ng/ul	100
54) 2,4-Dinitrotoluene	14.68	165	34364	20.06	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.94	232	26635	21.55	ng/ul#	97
56) Diethylphthalate	15.13	149	110791	19.51	ng/ul	97
58) Fluorene	15.35	166	107040	20.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	56816	20.25	ng/ul	99
60) 4-Nitroaniline	15.39	138	25449	20.41	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.44	198	18855	18.17	ng/ul#	85
64) N-Nitrosodiphenylamine	15.57	169	89483	20.85	ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	34278	20.92	ng/ul	98
66) Hexachlorobenzene	16.36	284	35693	20.56	ng/ul	93
67) Atrazine	16.53	200	37561	22.03	ng/ul	91
68) Pentachlorophenol	16.71	266	20418	24.07	ng/ul	94
69) Phenanthrene	17.10	178	157613	20.36	ng/ul	98
71) Anthracene	17.18	178	166601	20.89	ng/ul	99
72) Carbazole	17.46	167	146242	20.46	ng/ul#	95
73) Di-n-butylphthalate	18.02	149	194323	19.74	ng/ul	99
74) Fluoranthene	19.12	202	188352	20.15	ng/ul	99
77) Pyrene	19.48	202	196004	19.51	ng/ul	97
78) Butylbenzylphthalate	20.39	149	90144	19.98	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	67705	19.46	ng/ul	99
80) Benzo(a)anthracene	21.23	228	190472	19.97	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	129045	19.88	ng/ul	99
82) Chrysene	21.28	228	180783	20.46	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	215927	20.51	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	188039	19.98	ng/ul	96
86) Benzo(k)fluoranthene	22.85	252	186956	21.16	ng/ul	99
88) Benzo(a)pyrene	23.39	252	182046	20.47	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.77	276	210195	20.98	ng/ul	99
90) Dibenzo(a,h)anthracene	25.78	278	178207	20.88	ng/ul	96
91) Benzo(g,h,i)perylene	26.47	276	168013	20.07	ng/ul	96

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017402.D
Acq On : 2 Jun 2015 19:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 04:45:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02013

Manual Integrations APPROVED
apatel
6/3/2015 3:34:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	23106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	105586	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	67368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	145593	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	160446	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	156144	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3850	7.91	ng/uL	0.00
5) Phenol-d5	6.84	99	39210	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	22865	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	34248	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	32297	19.35	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	16380	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	19787	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	35214	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	45028	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	95396	19.86	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	127032	20.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	18990	20.73	ng/ul	0.00
57) Fluorene-d10	15.30	176	94939	20.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19440	19.08	ng/ul	0.00
70) Anthracene-d10	17.15	188	140964	20.67	ng/ul	0.00
76) Pyrene-d10	19.45	212	151645	19.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	145544	20.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4956	8.98	ng/uL#	1
4) Benzaldehyde	6.78	77	28172	26.44	ng/ul	90
6) Phenol	6.87	94	41974	20.53	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.07	93	30281	19.66	ng/ul	93
10) 2-Chlorophenol	7.21	128	33834	21.53	ng/ul	92
11) 2-Methylphenol	8.11	108	32998	20.04	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	52751	20.04	ng/ul	98
14) Acetophenone	8.46	105	50641	19.25	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	28513	18.87	ng/ul	90
16) 4-Methylphenol	8.44	108	35836	19.96	ng/ul	89
17) Hexachloroethane	8.71	117	15615	21.58	ng/ul	93
20) Nitrobenzene	8.84	77	43682	19.95	ng/ul	93
21) Isophorone	9.36	82	77317	18.94	ng/ul	98
23) 2-Nitrophenol	9.55	139	21448	21.87	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	42956	20.13	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.85	93	40356	18.76	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	35489	21.45	ng/ul	97
28) Naphthalene	10.48	128	105566	19.71	ng/ul	99
30) 4-Chloroaniline	10.60	127	43257	21.87	ng/ul	97
31) Hexachlorobutadiene	10.76	225	24266	21.97	ng/ul	94
32) Caprolactam	11.37	113	14222m	19.26	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	40062	20.09	ng/ul	95
34) 2-Methylnaphthalene	12.10	142	83011	20.56	ng/ul	94

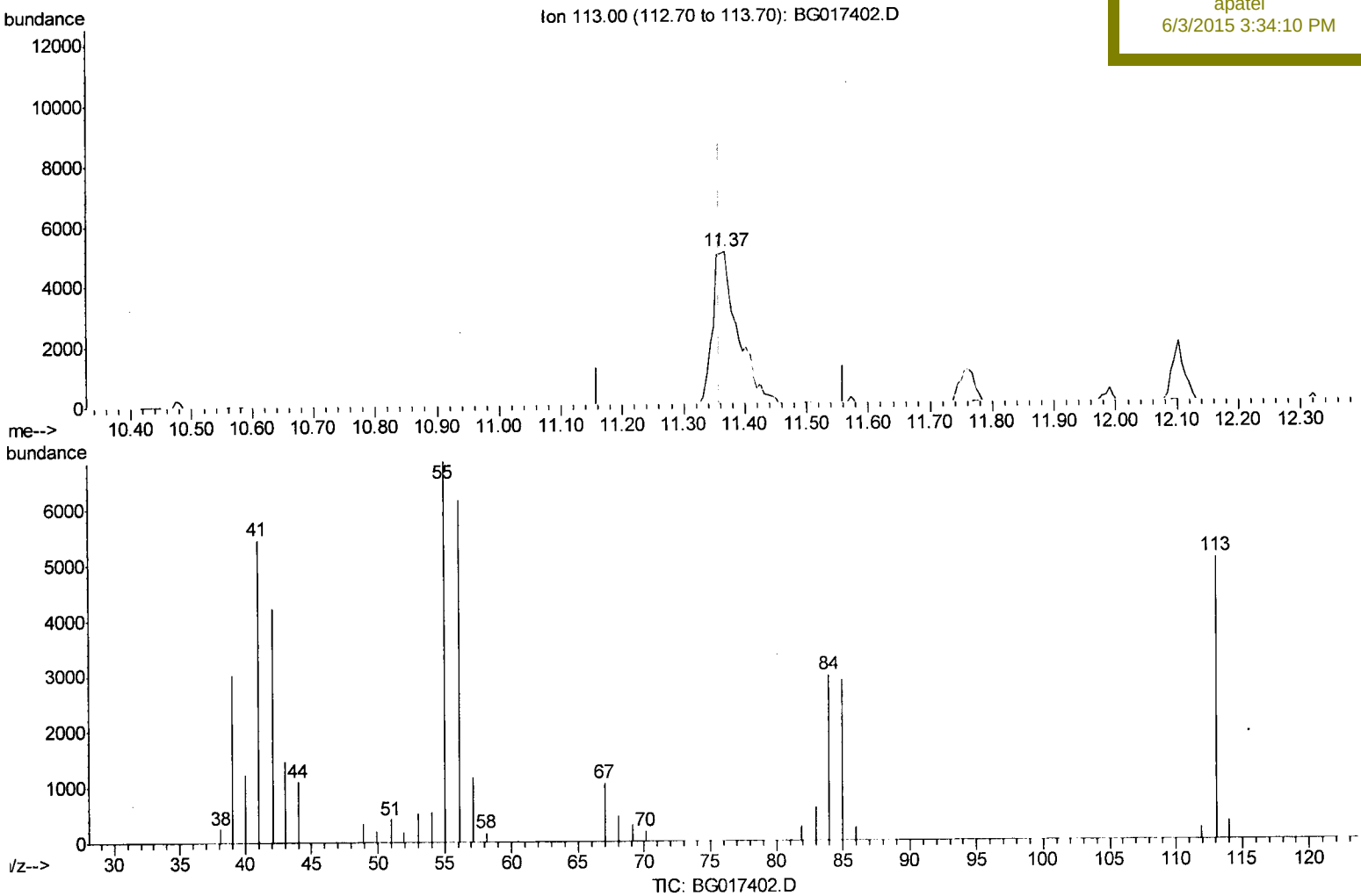
IZ T.P 06/03/2015

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017402.D
Acq On : 2 Jun 2015 19:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 03:48:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02013

Manual Integrations APPROVED
apatel
6/3/2015 3:34:10 PM



(32) Caprolactam

11.367min (+0.008) 19.26ng/ul m

response 14222

Ion	Exp%	Act%
113.00	100	100
55.00	138.00	135.83
56.00	115.10	121.74
0.00	0.00	0.00

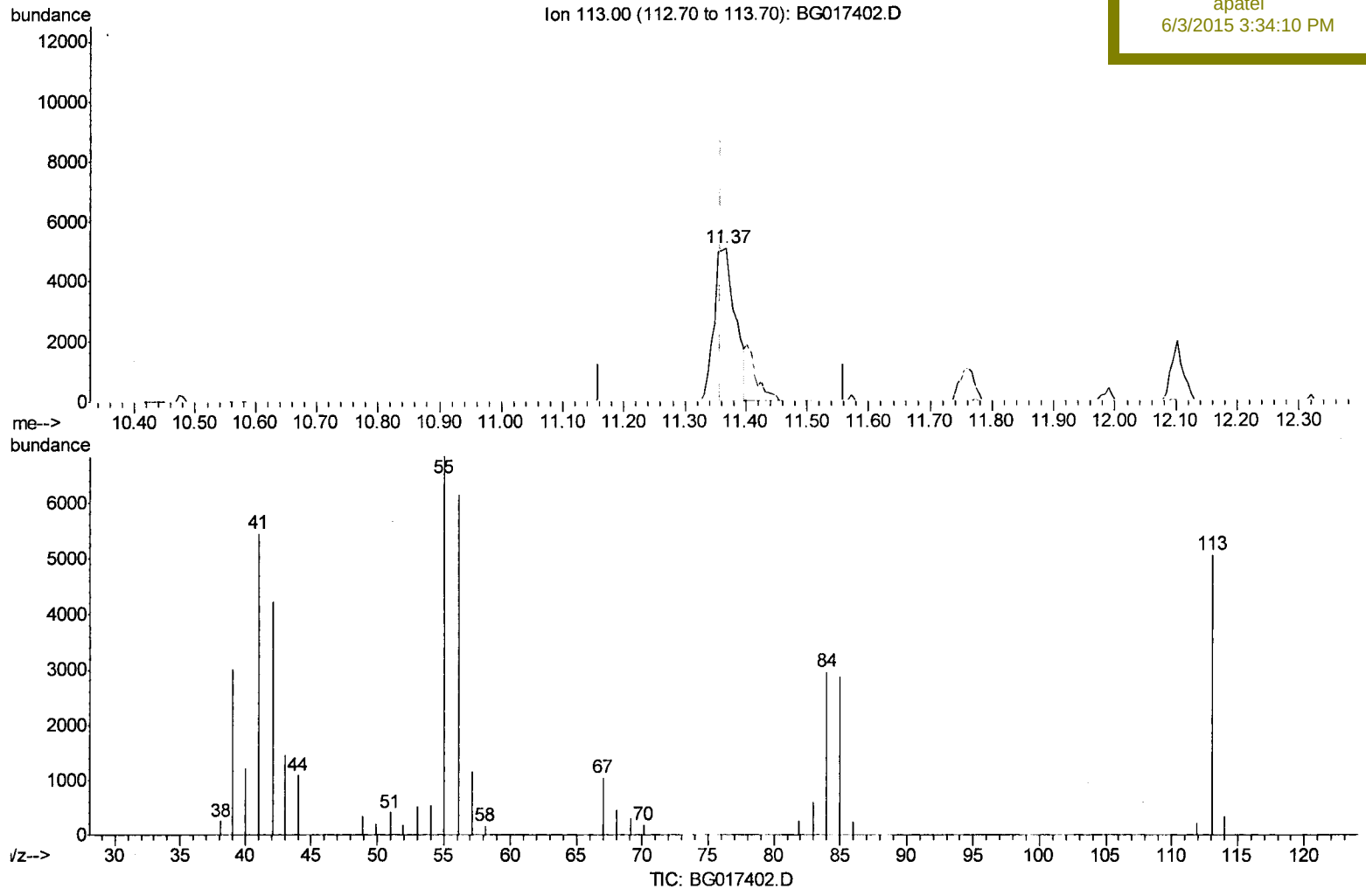
T. P
06/03/2015

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017402.D
Acq On : 2 Jun 2015 19:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 03:48:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02013

Manual Integrations APPROVED
apatel
6/3/2015 3:34:10 PM



(32) Caprolactam

11.367min (+0.008) 16.24ng/ul

response 11992

Ion	Exp%	Act%
113.00	100	100
55.00	138.00	135.83
56.00	115.10	121.74
0.00	0.00	0.00