Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020675.D
Acq On : 12 Jan 2016 11:40
Operator : SJ/IZ
Sample : SSTD04018
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 13:04:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:43:35 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04018

Manual Integrations APPROVED
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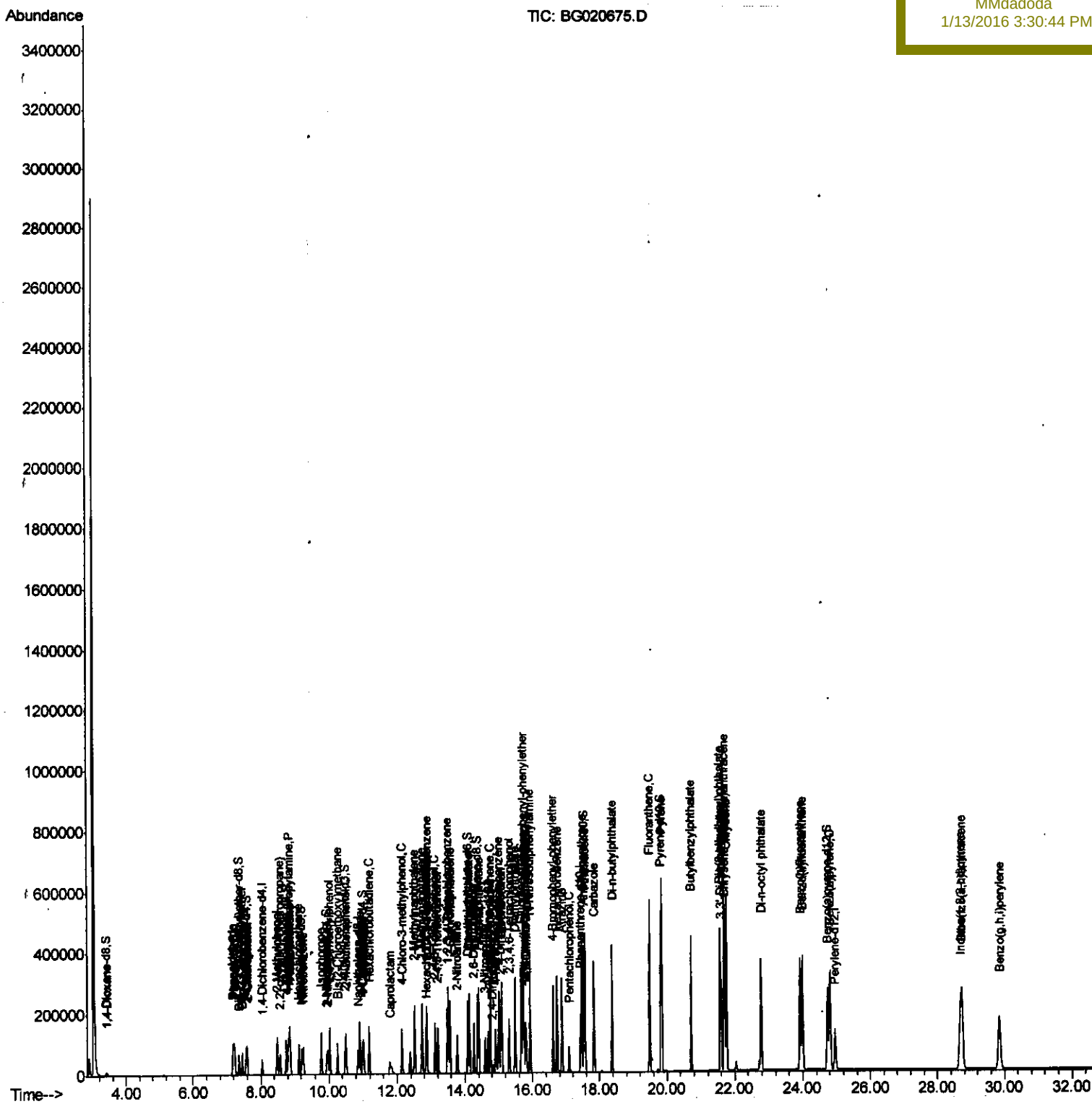

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Data File : BG020675.D
Acq On : 12 Jan 2016 11:40
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Quant Time: Jan 12 12:57:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:43:35 2016
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Instrument :
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Manual Integrations APPROVED
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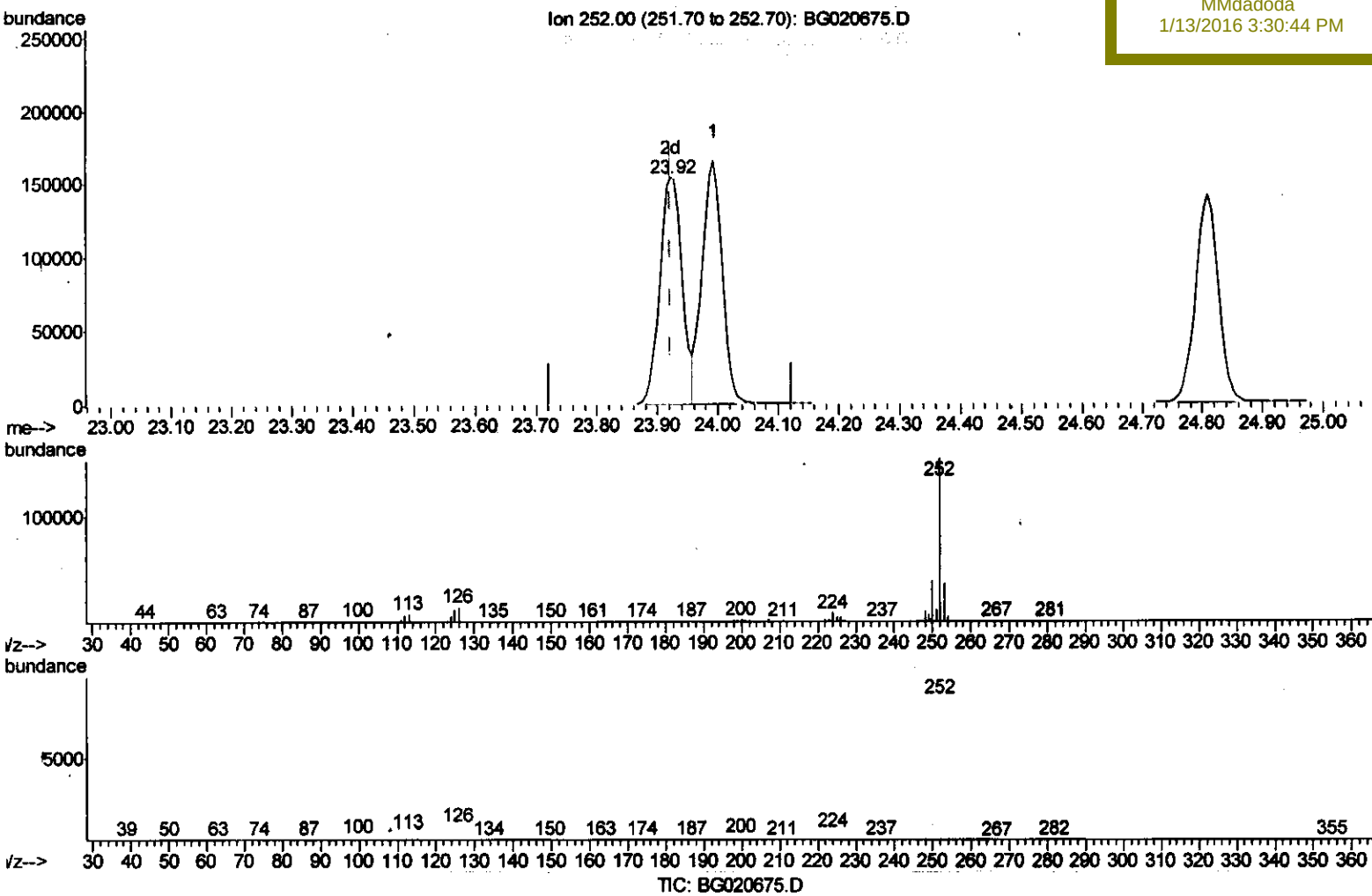

(88) Benzo(b)fluoranthene

23.922min (0.000) 40.80ng/ul m

response 393832

S. J 01/13/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.53
125.00	6.10	7.36#
0.00	0.00	0.00

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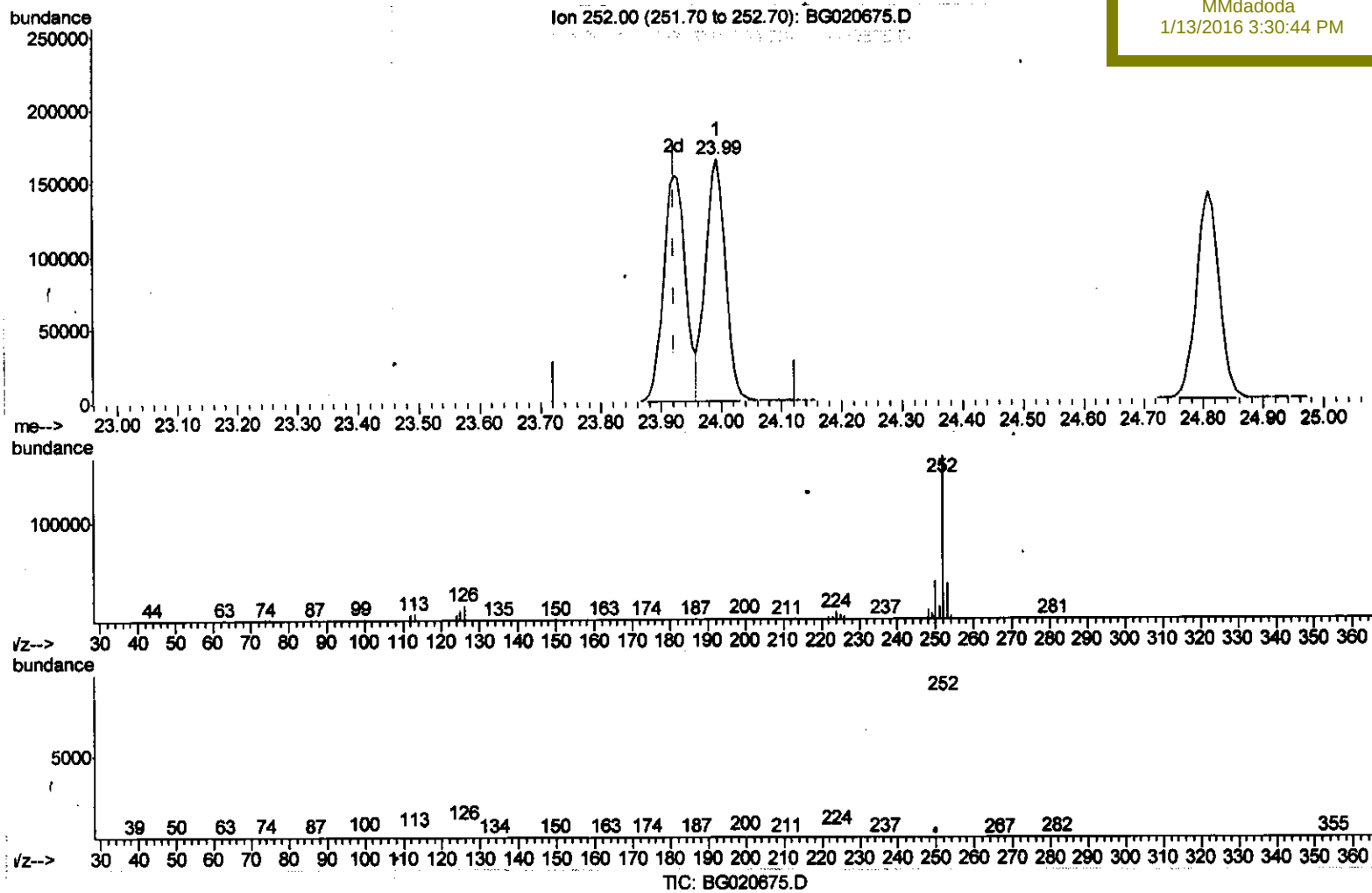

(88) Benzo(b)fluoranthene

23.993min (+0.071) 39.08ng/ul

response 377220

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.26
125.00	6.10	6.58
0.00	0.00	0.00

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MMdadoda
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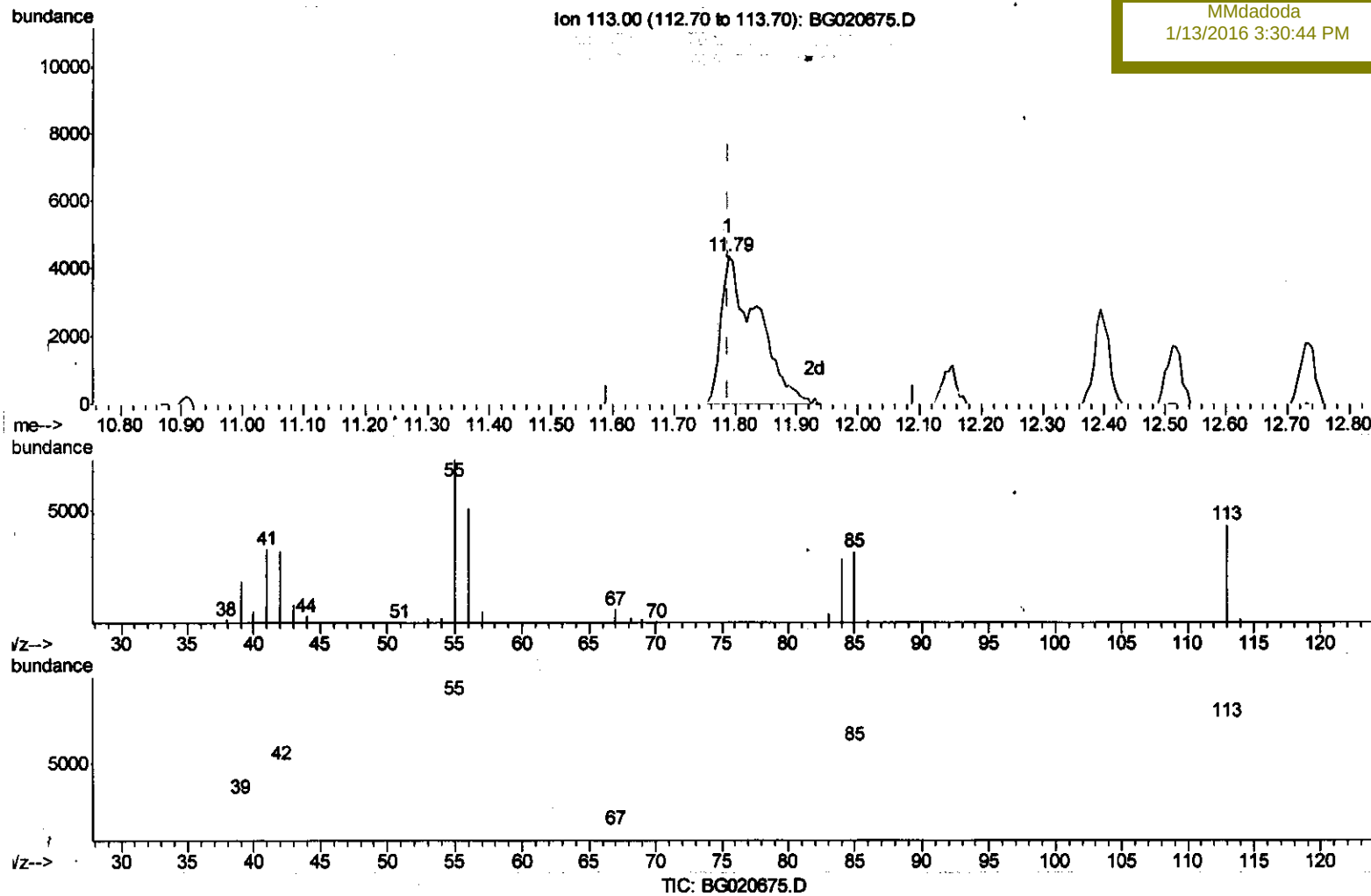

TIC: BG020675.D

(32) Caprolactam

11.789min (0.000) 61.59ng/ul m

response 17800

S. J 01/13/16

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	164.08
56.00	115.90	115.79
0.00	0.00	0.00

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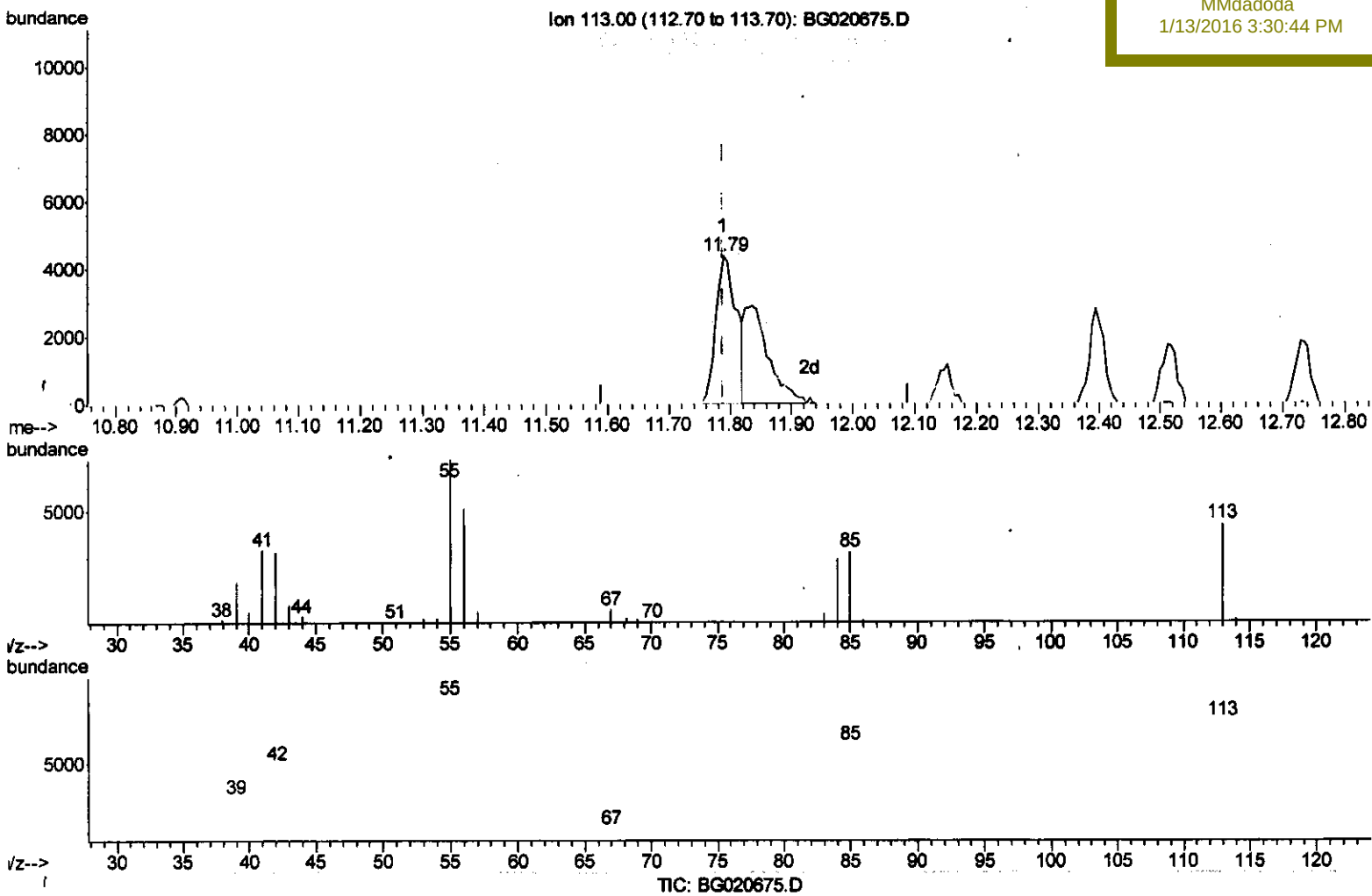

(32) Caprolactam

11.789min (0.000) 34.34ng/ul

response 9924

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	164.08
56.00	115.90	115.79
0.00	0.00	0.00

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ClientSampleId : SSTD04018

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	107578	39.34	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	79689	40.19	ng/ul	98
38) Hexachlorocyclopentadiene	12.86	237	16114	65.80	ng/ul	96
39) 2,4,6-Trichlorophenol	13.12	196	45669	41.55	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	50358	42.14	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	154394	39.47	ng/ul	99
42) 2-Chloronaphthalene	13.56	162	125118	39.16	ng/ul	99
43) 2-Nitroaniline	13.77	65	39116	41.76	ng/ul	97
45) Dimethylphthalate	14.13	163	179046	38.63	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	37410	41.05	ng/ul	97
48) Acenaphthylene	14.41	152	203843	39.75	ng/ul	99
49) 3-Nitroaniline	14.60	138	34335	42.27	ng/ul	97
50) Acenaphthene	14.75	153	138730	39.37	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	9252	74.76	ng/ul	99
53) 4-Nitrophenol	14.91	109	23133	46.55	ng/ul	99
54) Dibenzofuran	15.09	168	208097	39.06	ng/ul	99
55) 2,4-Dinitrotoluene	15.06	165	56779	40.86	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.31	232	45912	42.69	ng/ul#	99
57) Diethylphthalate	15.49	149	182132	38.71	ng/ul	99
59) Fluorene	15.73	166	170040	39.32	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	97698	38.88	ng/ul	99
61) 4-Nitroaniline	15.76	138	40158	43.36	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	32680	47.22	ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	152065	39.16	ng/ul	97
66) 4-Bromophenyl-phenylether	16.61	248	65362	39.24	ng/ul	99
67) Hexachlorobenzene	16.74	284	73118	39.49	ng/ul	98
68) Atrazine	16.88	200	67911	39.01	ng/ul	99
69) Pentachlorophenol	17.09	266	20414	51.13	ng/ul	96
70) Phenanthrene	17.48	178	305014	38.39	ng/ul	99
72) Anthracene	17.56	178	306800	38.19	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	75003	39.51	ng/uL	98
74) Pentachlorobenzene	15.00	250	77673	39.22	ng/uL	97
75) Carbazole	17.84	167	263249	38.69	ng/ul	98
76) Di-n-butylphthalate	18.38	149	313549	38.36	ng/ul	99
77) Fluoranthene	19.49	202	388456	38.09	ng/ul	98
80) Pyrene	19.84	202	402295	38.73	ng/ul	99
81) Butylbenzylphthalate	20.71	149	141085	40.94	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	132521	40.40	ng/ul	99
83) Benzo(a)anthracene	21.68	228	399438	39.41	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	205318	40.31	ng/ul	98
85) Chrysene	21.75	228	376751	39.62	ng/ul	99
87) Di-n-octyl phthalate	22.78	149	349245	39.84	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	393832m	40.80	ng/ul	
89) Benzo(k)fluoranthene	23.99	252	377220	38.56	ng/ul	99
91) Benzo(a)pyrene	24.81	252	375099	39.43	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.69	276	445080	48.43	ng/ul	99
93) Dibenzo(a,h)anthracene	28.73	278	369083	40.06	ng/ul	99
94) Benzo(g,h,i)perylene	29.86	276	368400	40.02	ng/ul	99

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ClientSampleId : SSTD04018

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	67112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	48322	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	131278	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	158963	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	150684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5089	38.80	ng/uL	0.00
5) Phenol-d5	7.21	99	53344	40.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	33051	40.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	43207	40.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	46204	41.52	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	22211	40.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	26267	41.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	48457	39.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	49696	43.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	169513	39.40	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	191728	39.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	24691	46.51	ng/ul	0.00
58) Fluorene-d10	15.68	176	149249	38.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	29142	45.85	ng/ul	0.00
71) Anthracene-d10	17.53	188	252257	38.53	ng/ul	0.00
79) Pyrene-d10	19.82	212	304007	39.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	326061	39.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	5943	37.44	ng/uL#	87
4) Benzaldehyde	7.18	77	38073	40.86	ng/ul	94
6) Phenol	7.24	94	58871	41.42	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.46	93	43139	40.25	ng/ul	97
10) 2-Chlorophenol	7.61	128	44824	40.06	ng/ul	96
11) 2-Methylphenol	8.49	108	44806	41.03	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	55468	39.80	ng/ul	98
14) Acetophenone	8.88	105	75727	40.32	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	39009	40.48	ng/ul	95
16) 4-Methylphenol	8.82	108	50373	41.29	ng/ul	93
17) Hexachloroethane	9.13	117	19370	40.56	ng/ul	94
20) Nitrobenzene	9.26	77	57093	40.21	ng/ul	95
21) Isophorone	9.78	82	107861	39.13	ng/ul	98
23) 2-Nitrophenol	9.97	139	27986	40.01	ng/ul	95
24) 2,4-Dimethylphenol	10.03	107	58910	39.96	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.26	93	61636	40.02	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	50878	39.73	ng/ul	99
28) Naphthalene	10.91	128	149627	38.51	ng/ul	99
30) 4-Chloroaniline	11.03	127	53095	42.37	ng/ul	97
31) Hexachlorobutadiene	11.19	225	40648	37.71	ng/ul	96
32) Caprolactam	11.79	113	17800m	61.59	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	55574	39.47	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	113381	39.33	ng/ul	99

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

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