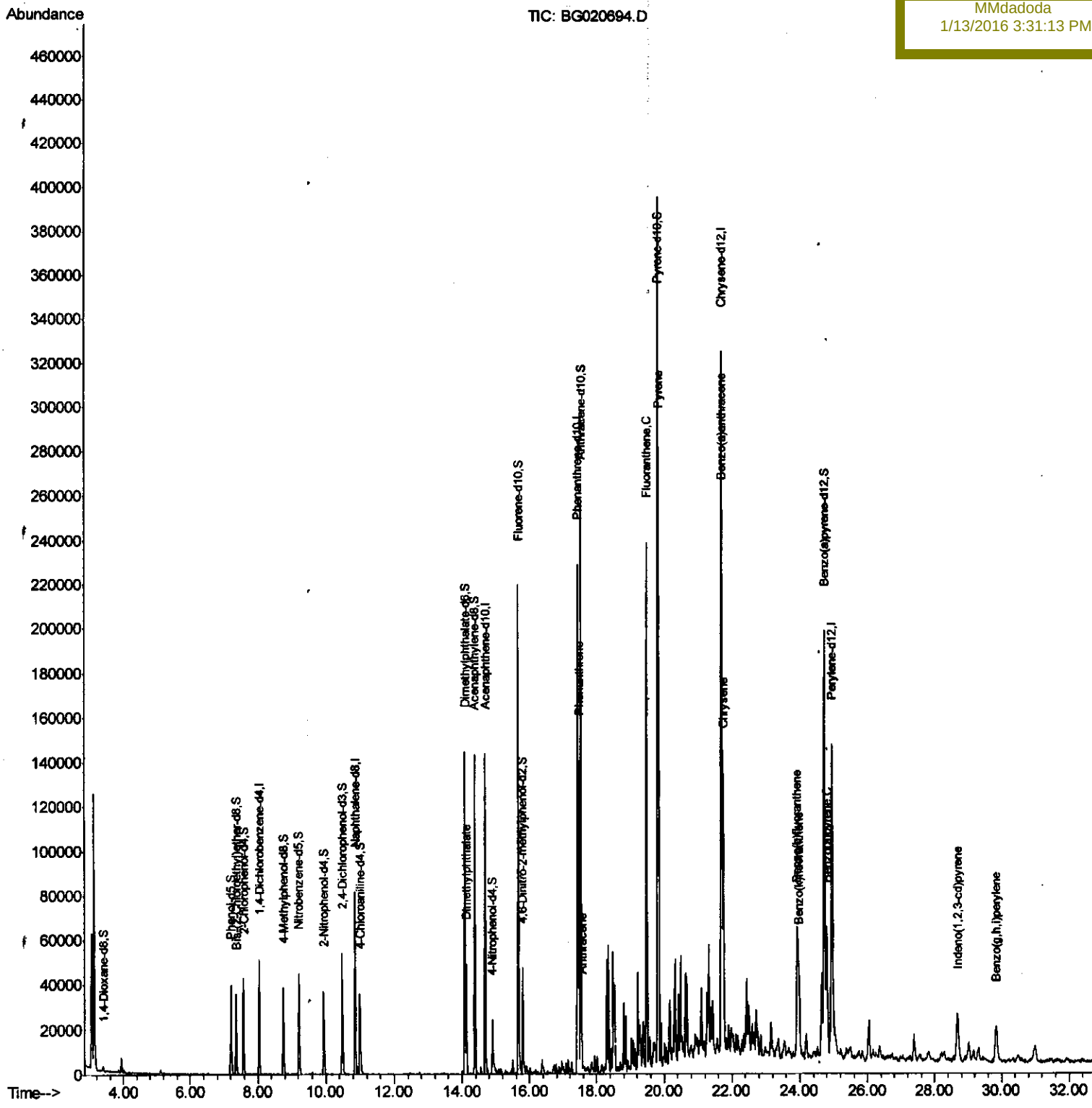
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020694.D
Acq On : 13 Jan 2016 6:19
Operator : SJ/IZ
Sample : H1094-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 13 08:08:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC9E7

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:31:13 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020694.D
Acq On : 13 Jan 2016 6:19
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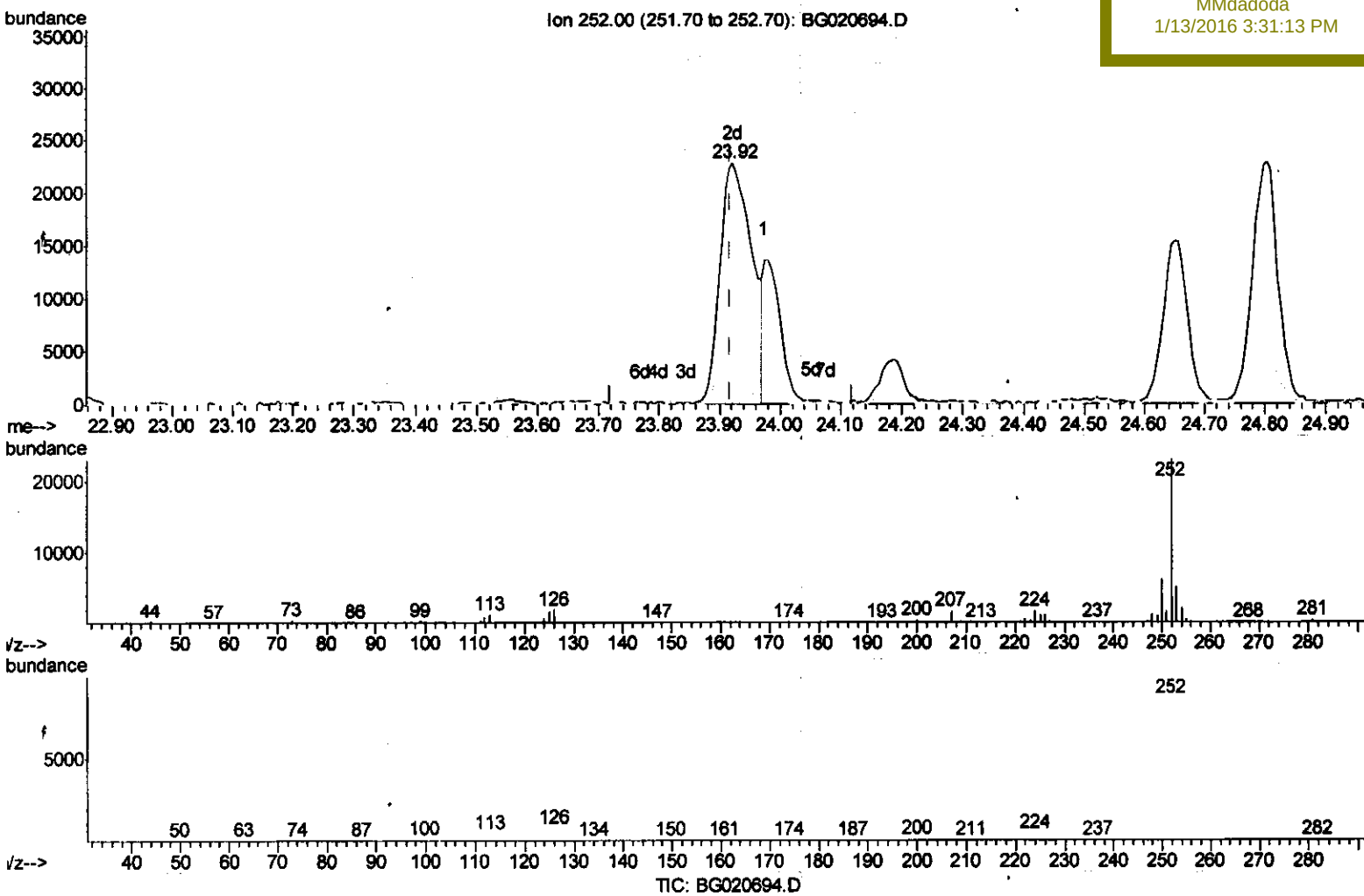
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC9E7

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:31:13 PM



(88) Benzo(b)fluoranthene

23.922min (+0.003) 8.02ng/ul m

response 84111

S.J 01/13/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.39
125.00	6.10	7.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020694.D
Acq On : 13 Jan 2016 6:19
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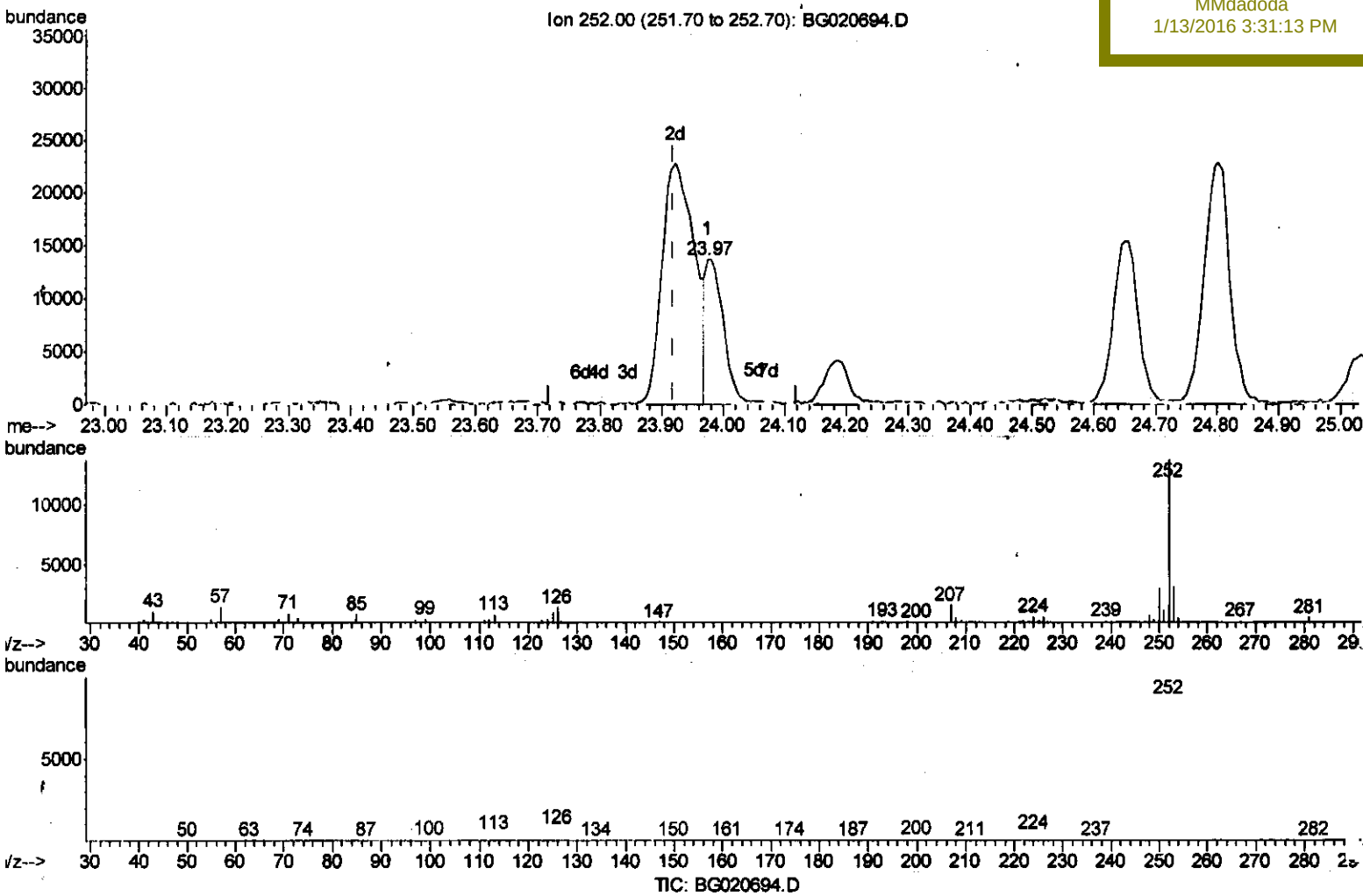
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC9E7

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:31:13 PM



(88) Benzo(b)fluoranthene

23.974min (+0.056) 2.52ng/ul

response 26463

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.81
125.00	6.10	7.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020694.D
Acq On : 13 Jan 2016 6:19
Operator : SJ/IZ
Sample : H1094-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 13 08:08:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : BC9E7

Manual Integrations APPROVED
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1/13/2016 3:31:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	71930	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	52870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	145797	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	174660	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	162874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1115	3.30	ng/uL	0.00
5) Phenol-d5	7.21	99	26660	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17362	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	22148	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	17465	14.65	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11991	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13701	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	23655	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24473	19.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	100331	21.75	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	113630	21.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9784	15.79	ng/ul	0.00
58) Fluorene-d10	15.67	176	94133	22.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14444	18.22	ng/ul	0.00
71) Anthracene-d10	17.53	188	163732	22.91	ng/ul	0.00
79) Pyrene-d10	19.81	212	196157	23.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	209446	24.12	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.13	163	33668	6.79	ng/ul#	99
70) Phenanthrene	17.47	178	91243	10.52	ng/ul	99
72) Anthracene	17.56	178	12023	1.37	ng/ul	98
77) Fluoranthene	19.48	202	148624	14.09	ng/ul	98
80) Pyrene	19.84	202	180633	16.31	ng/ul	98
83) Benzo(a)anthracene	21.68	228	83528	7.67	ng/ul	99
85) Chrysene	21.75	228	91904	8.92	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	84111m	8.02	ng/ul	
89) Benzo(k)fluoranthene	23.97	252	26036	2.51	ng/ul	97
91) Benzo(a)pyrene	24.80	252	65018	6.44	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.67	276	38110	3.20	ng/ul	96
94) Benzo(g,h,i)perylene	29.85	276	36209	3.68	ng/ul	100

S.J 01/13/16

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