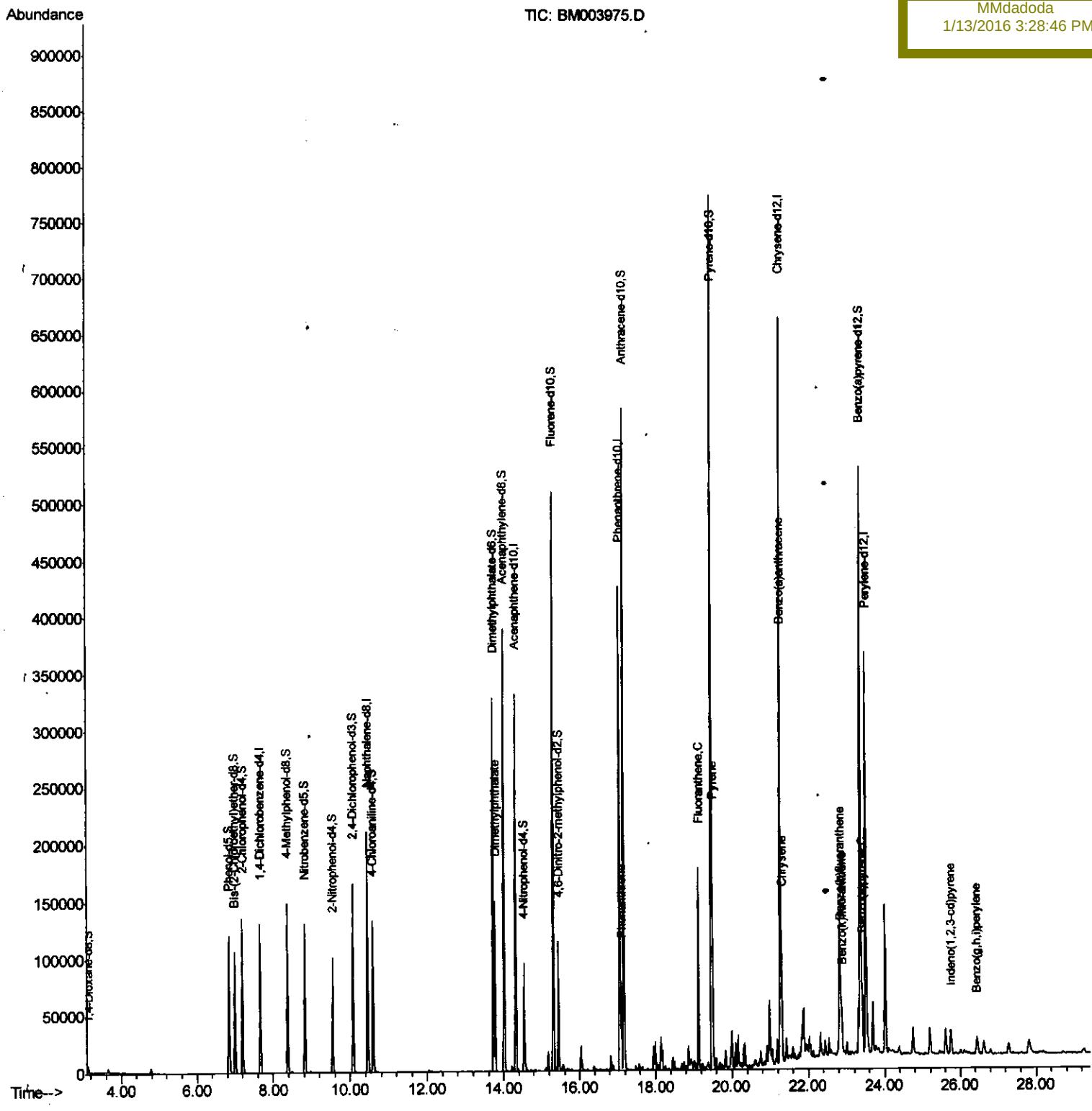
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
Data File : BM003975.D
Acq On : 13 Jan 2016 03:54
Operator : SJ/UM
Sample : H1095-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 13 07:05:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9B4

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:46 PM

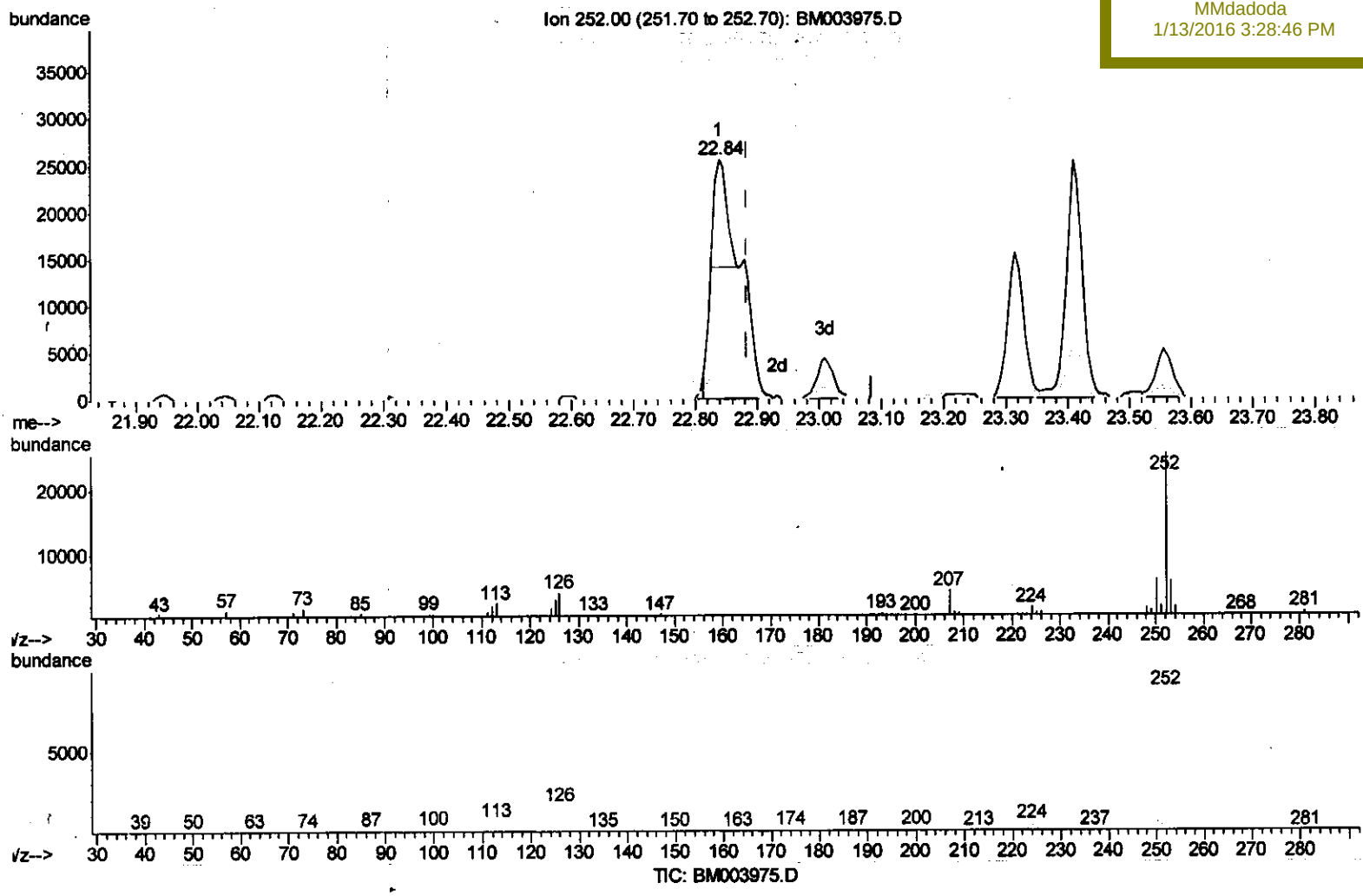


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
Data File : BM003975.D
Acq On : 13 Jan 2016 03:54
Operator : SJ/UM
Sample : H1095-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 13 06:49:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9B4

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:46 PM



(89) Benzo(k)fluoranthene

22.838min (-0.047) 1.13ng/ul

response 15554

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.45
125.00	10.20	11.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
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Acq On : 13 Jan 2016 03:54
Operator : SJ/UM
Sample : H1095-06
Misc :
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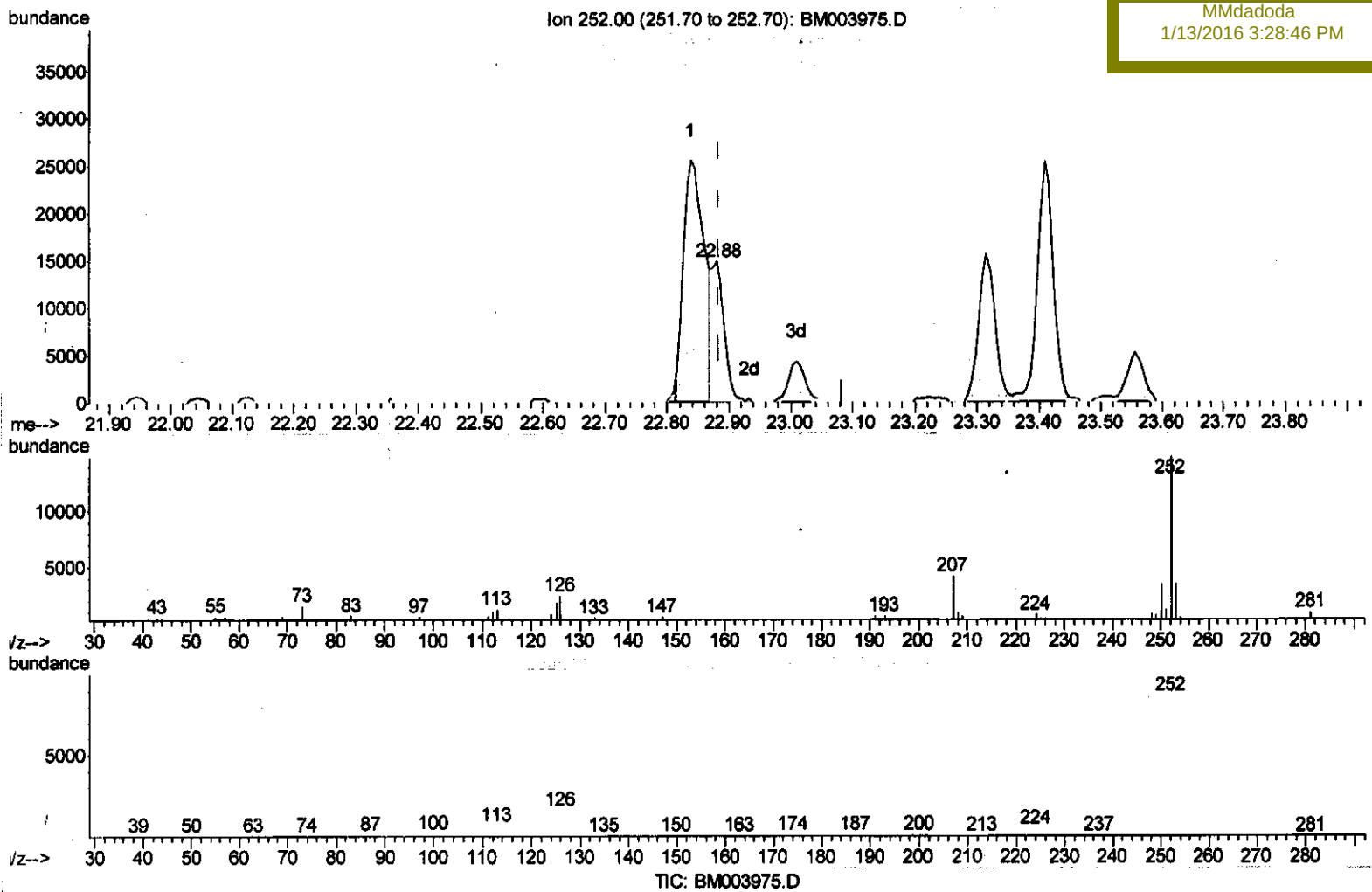
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9B4

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:46 PM



(89) Benzo(k)fluoranthene

22.880min (-0.006) 1.47ng/ul m

response 20326

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.77
125.00	10.20	12.20
0.00	0.00	0.00

U.M 01/14/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
Data File : BM003975.D
Acq On : 13 Jan 2016 03:54
Operator : SJ/UM
Sample : H1095-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 13 07:05:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BC9B4

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	36806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	179317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	251479	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	280065	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	238728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3389	4.12	ng/uL	0.00
5) Phenol-d5	6.85	99	76803	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49202	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	66872	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	59793	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33504	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	36146	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	63511	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	82251	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	223953	25.91	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	279796	26.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28023	18.05	ng/ul	0.00
58) Fluorene-d10	15.32	176	203386	27.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25731	18.14	ng/ul	0.00
71) Anthracene-d10	17.17	188	315001	27.08	ng/ul	0.00
79) Pyrene-d10	19.47	212	363688	25.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	338269	28.37	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	98309	11.16	ng/ul	100
70) Phenanthrene	17.11	178	49125	3.47	ng/ul	99
77) Fluoranthene	19.14	202	105276	7.16	ng/ul	99
80) Pyrene	19.50	202	117965	6.21	ng/ul	98
83) Benzo(a)anthracene	21.26	228	57721	3.46	ng/ul	98
85) Chrysene	21.31	228	61957	3.91	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	60486	4.17	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	20326m	1.47	ng/ul	
91) Benzo(a)pyrene	23.41	252	45217	3.29	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.75	276	21572	1.42	ng/ul	95
94) Benzo(g,h,i)perylene	26.44	276	20156	1.58	ng/ul	100

U.M 01/14/16

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