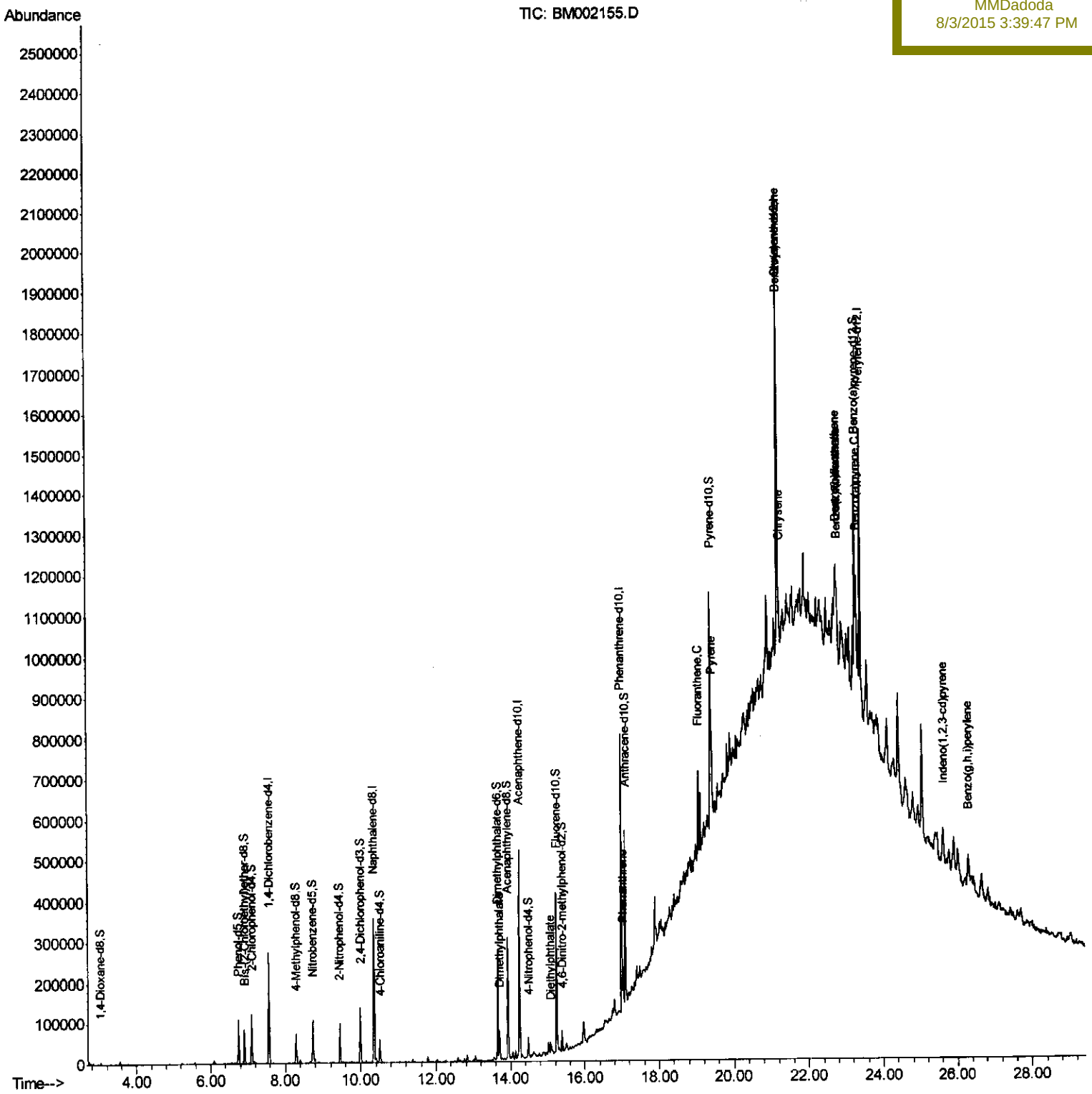
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073115\
Data File : BM002155.D
Acq On : 31 Jul 2015 14:25
Operator : TP/UM
Sample : G3065-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 01 02:50:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C02A7

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:39:47 PM

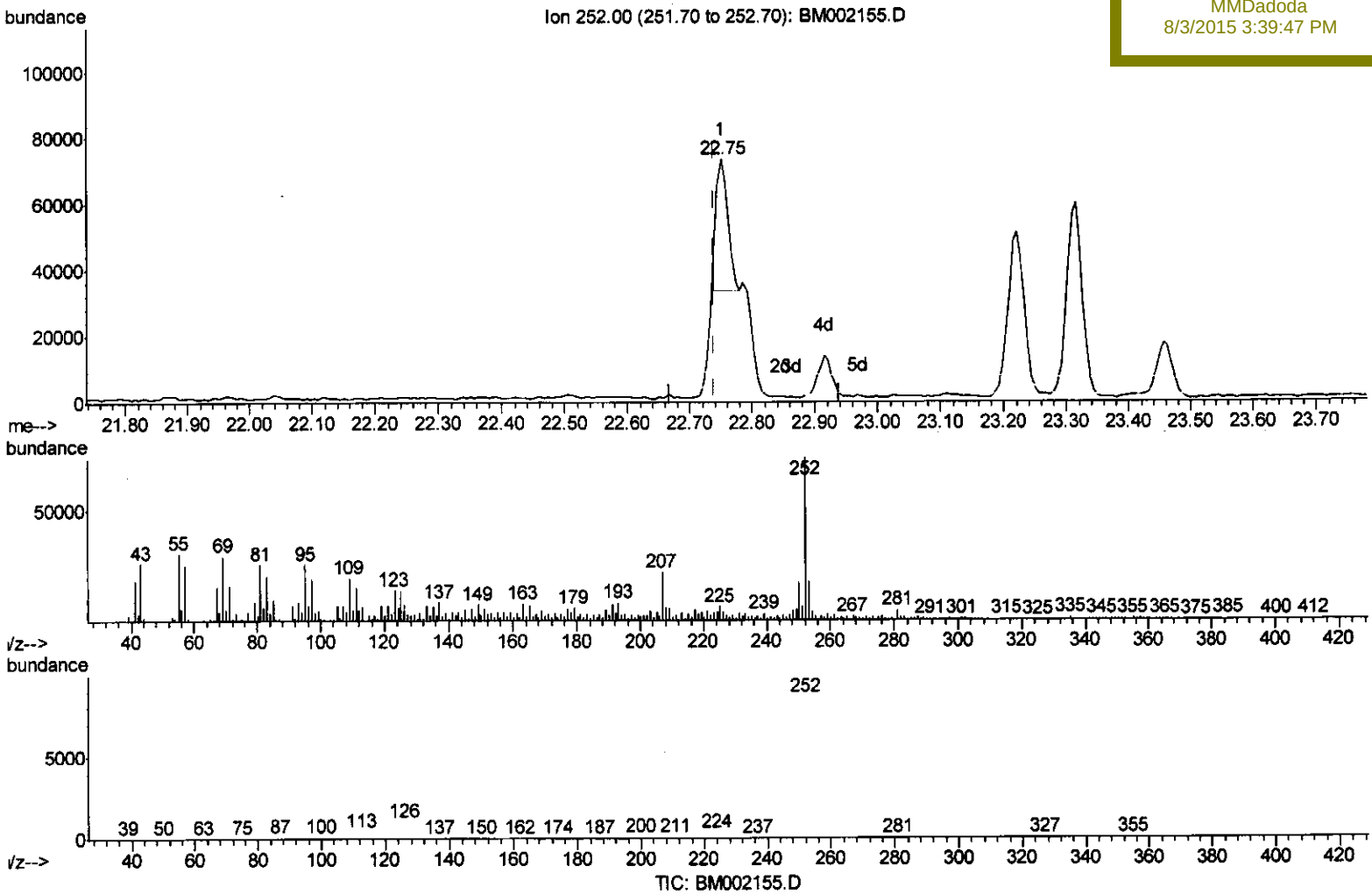


Data Path : Z:\HPCHEM1\BNA_M\Data\BM073115\
Data File : BM002155.D
Acq On : 31 Jul 2015 14:25
Operator : TP/UM
Sample : G3065-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 05:10:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 05:08:44 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C02A7

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:39:47 PM



TIC: BM002155.D

(89) Benzo(k)fluoranthene

22.750min (+0.012) 1.85ng/ul

response 49688

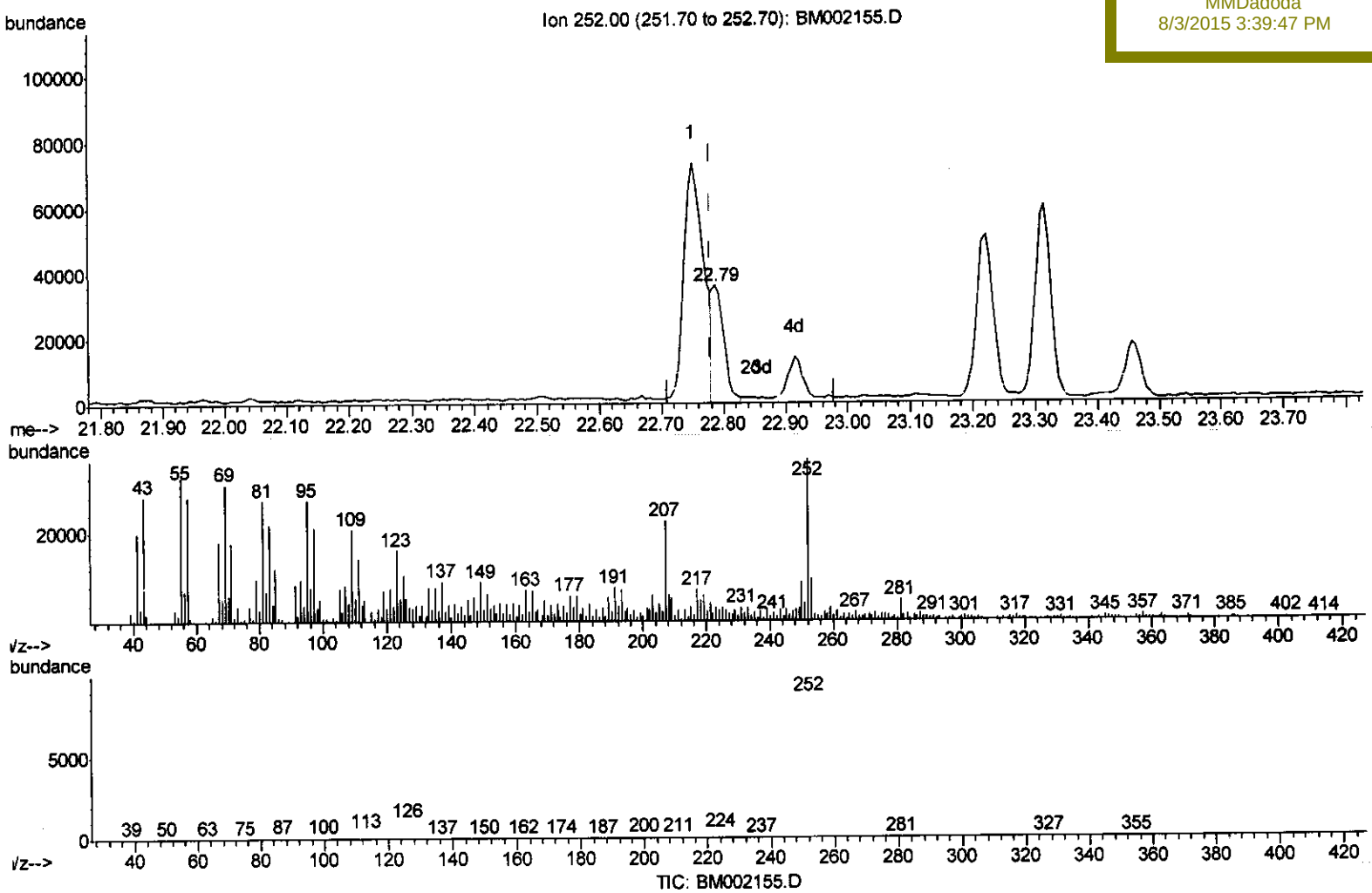
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.20
125.00	7.80	19.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073115\
Data File : BM002155.D
Acq On : 31 Jul 2015 14:25
Operator : TP/UM
Sample : G3065-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 01 02:50:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C02A7

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:39:47 PM



TIC: BM002155.D

(89) Benzo(k)fluoranthene

22.786min (+0.006) 1.58ng/ul m

response 42328

U · M 08/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	26.84#
125.00	7.80	29.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073115\
Data File : BM002155.D
Acq On : 31 Jul 2015 14:25
Operator : TP/UM
Sample : G3065-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 01 02:50:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C02A7

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:39:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	75112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	299351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	178871	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	397792	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240,	484536	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	495078	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	2671	1.84	ng/uL	0.00
5) Phenol-d5	6.76	99	62225	11.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	34880	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	56267	12.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	28630	6.71	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	26243	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	30880	13.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	54366	11.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	30089	6.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	173653	13.25	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	215889	13.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	12716	5.81	ng/ul	0.00
58) Fluorene-d10	15.24	176	155006	13.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	11986	4.93	ng/ul	0.00
71) Anthracene-d10	17.09	188	232384	13.09	ng/ul	0.00
79) Pyrene-d10	19.40	212	270664	13.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	297731	12.41	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	44414	3.40	ng/ul	100
57) Diethylphthalate	15.07	149	14849	1.15	ng/ul	99
70) Phenanthrene	17.03	178	57609	2.80	ng/ul	96
77) Fluoranthene	19.06	202	118838	5.00	ng/ul	97
80) Pyrene	19.43	202	150128	5.69	ng/ul	98
83) Benzo(a)anthracene	21.19	228	72155	2.69	ng/ul#	89
85) Chrysene	21.24	228	86284	3.43	ng/ul#	89
88) Benzo(b)fluoranthene	22.75	252	158305	5.69	ng/ul#	86
89) Benzo(k)fluoranthene	22.79	252	42328m	1.58	ng/ul	
91) Benzo(a)pyrene	23.32	252	102615	3.82	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	25.61	276	89943	2.91	ng/ul	96
94) Benzo(g,h,i)perylene	26.30	276	90056	3.47	ng/ul	95

U.M 08/11/15

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