

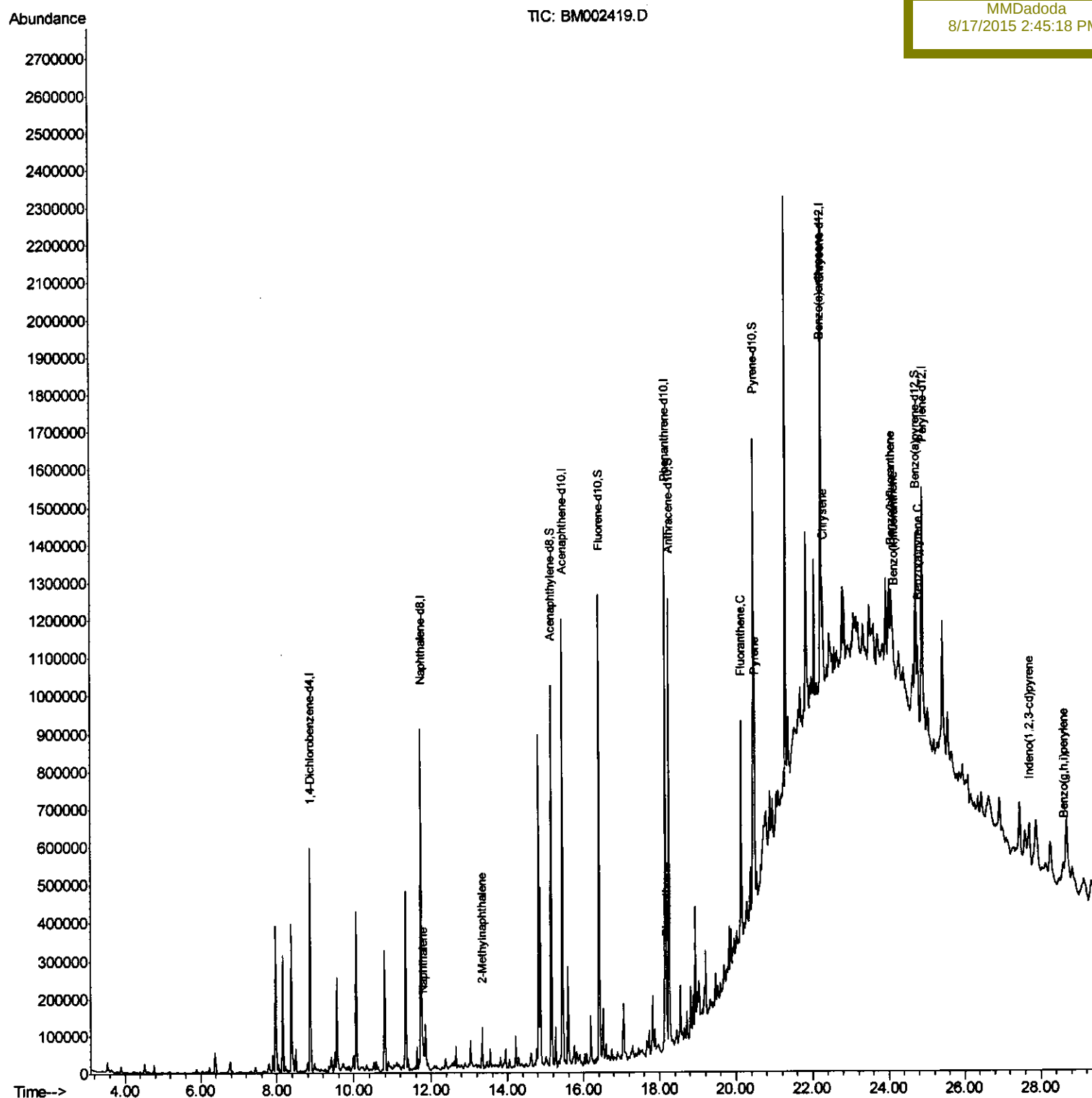
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002419.D
Acq On : 15 Aug 2015 11:43
Operator : UM/IZ
Sample : G3219-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 17 04:33:31 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DA5

Manual Integrations
APPROVED

MMDadoda
8/17/2015 2:45:18 PM



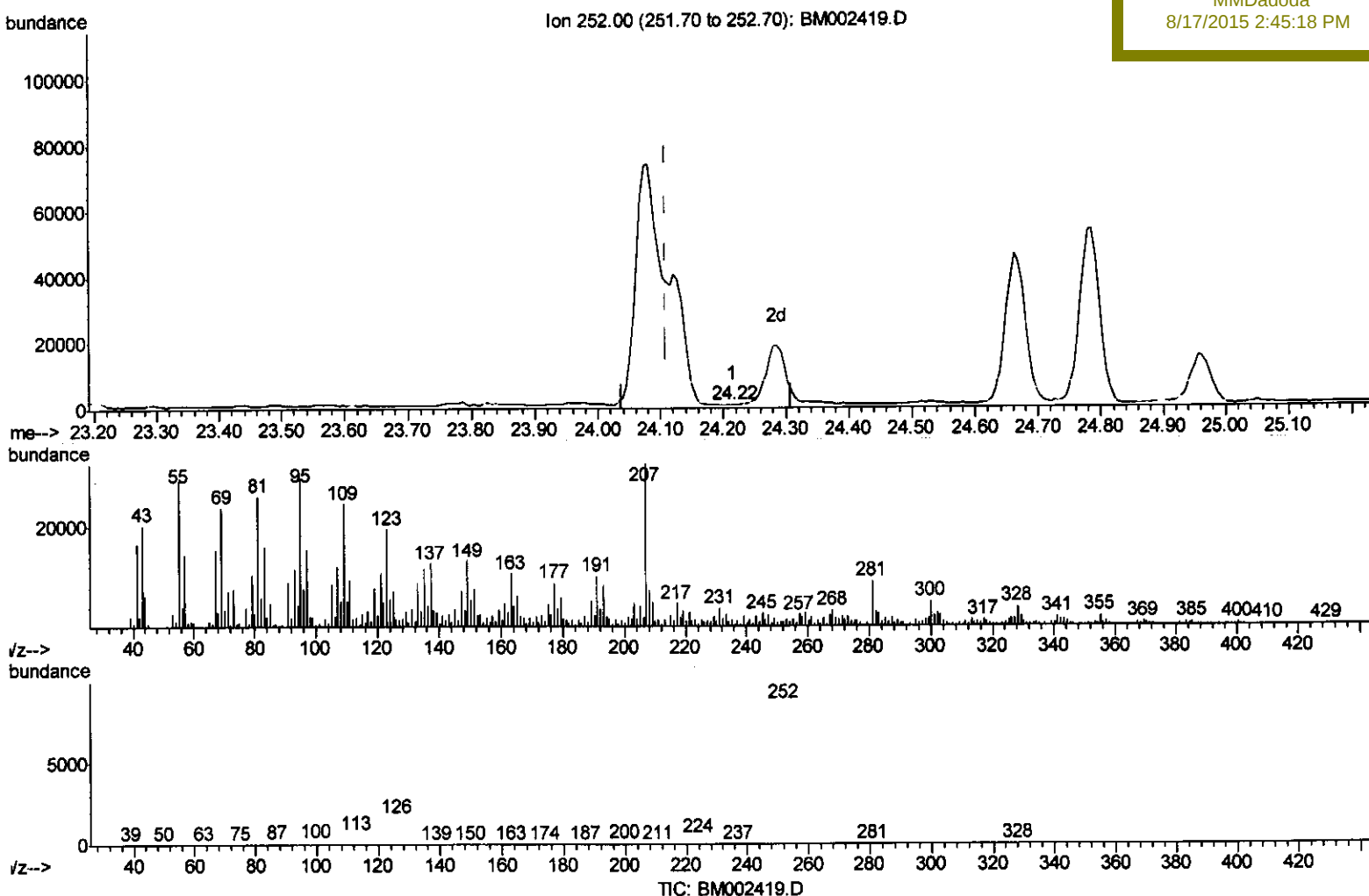
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Quant Time: Aug 17 02:56:49 2015
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(24) Benzo(k)fluoranthene
 24.215min (+0.106) 0.01ng/ul
 response 198

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	135.92#
125.00	12.30	616.55#
0.00	0.00	0.00

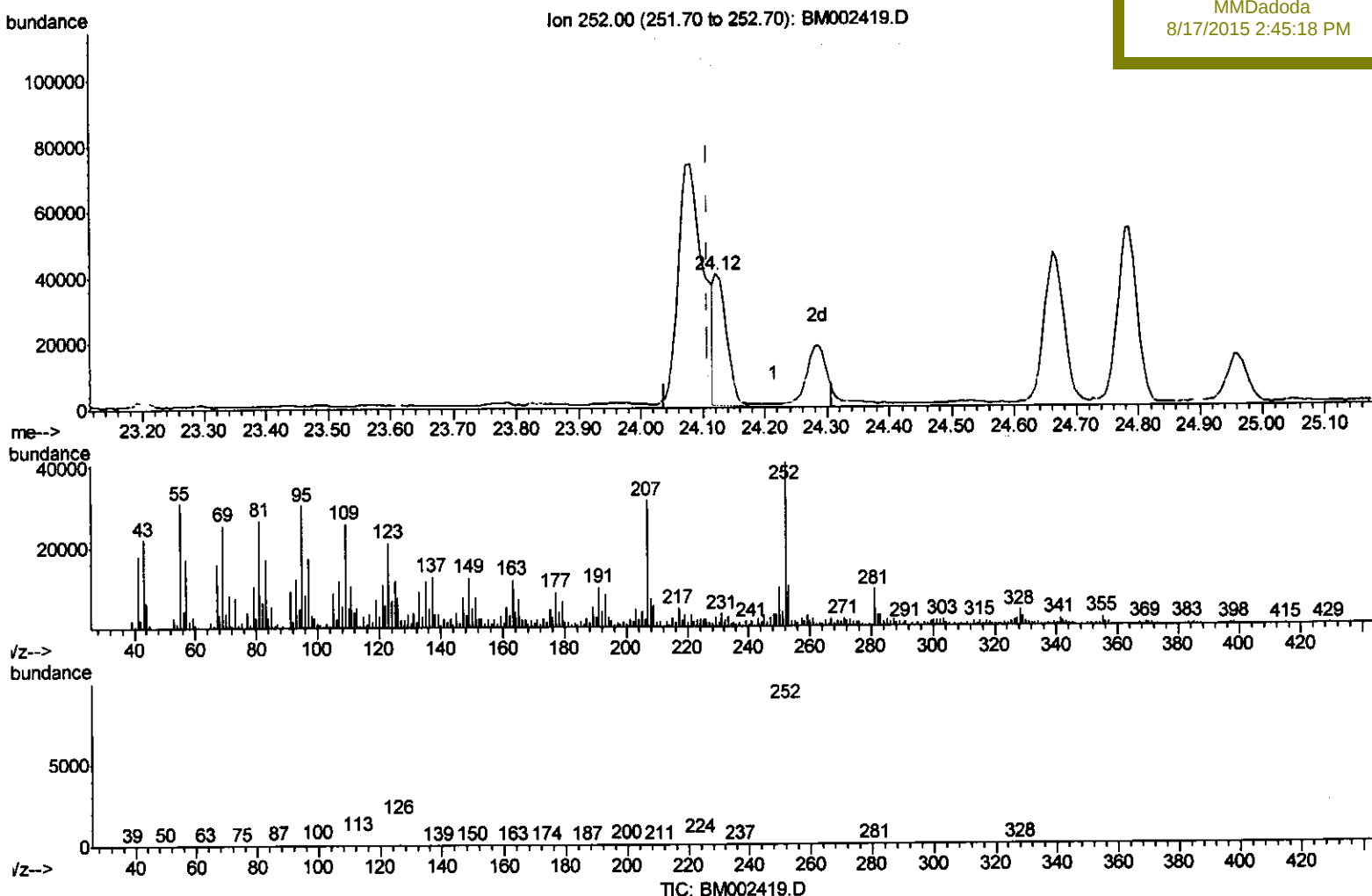
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(24) Benzo(k)fluoranthene

24.121min (+0.012) 1.86ng/ul m

response 54441

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.29
125.00	12.30	29.20#
0.00	0.00	0.00

U.M.
 08/18/15

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	176515	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	798214	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	413707	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	825137	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	616262	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	511209	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	768121	18.16	ng/ul	0.00
10) Fluorene-d10	16.42	176	514919	17.33	ng/ul	0.00
14) Anthracene-d10	18.25	188	684504	17.20	ng/ul	0.00
18) Pyrene-d10	20.47	212	623502	22.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	390111	14.53	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.79	128	75990	1.87	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	57259	1.88	ng/ul	98
13) Phenanthrene	18.20	178	111119	2.33	ng/ul	99
16) Fluoranthene	20.14	202	355344	6.59	ng/ul	99
19) Pyrene	20.50	202	273033	7.56	ng/ul	99
20) Benzo(a)anthracene	22.22	228	181038	4.91	ng/ul#	95
21) Chrysene	22.27	228	176696	5.13	ng/ul#	94
23) Benzo(b)fluoranthene	24.08	252	204528	6.62	ng/ul#	87
24) Benzo(k)fluoranthene	24.12	252	54441m	1.86	ng/ul	
26) Benzo(a)pyrene	24.79	252	116557	3.95	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	27.71	276	83752	2.47	ng/ul	99
29) Benzo(a,h,i)perylene	28.59	276	78334	2.77	ng/ul#	92

U.M.
 08/18/15

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