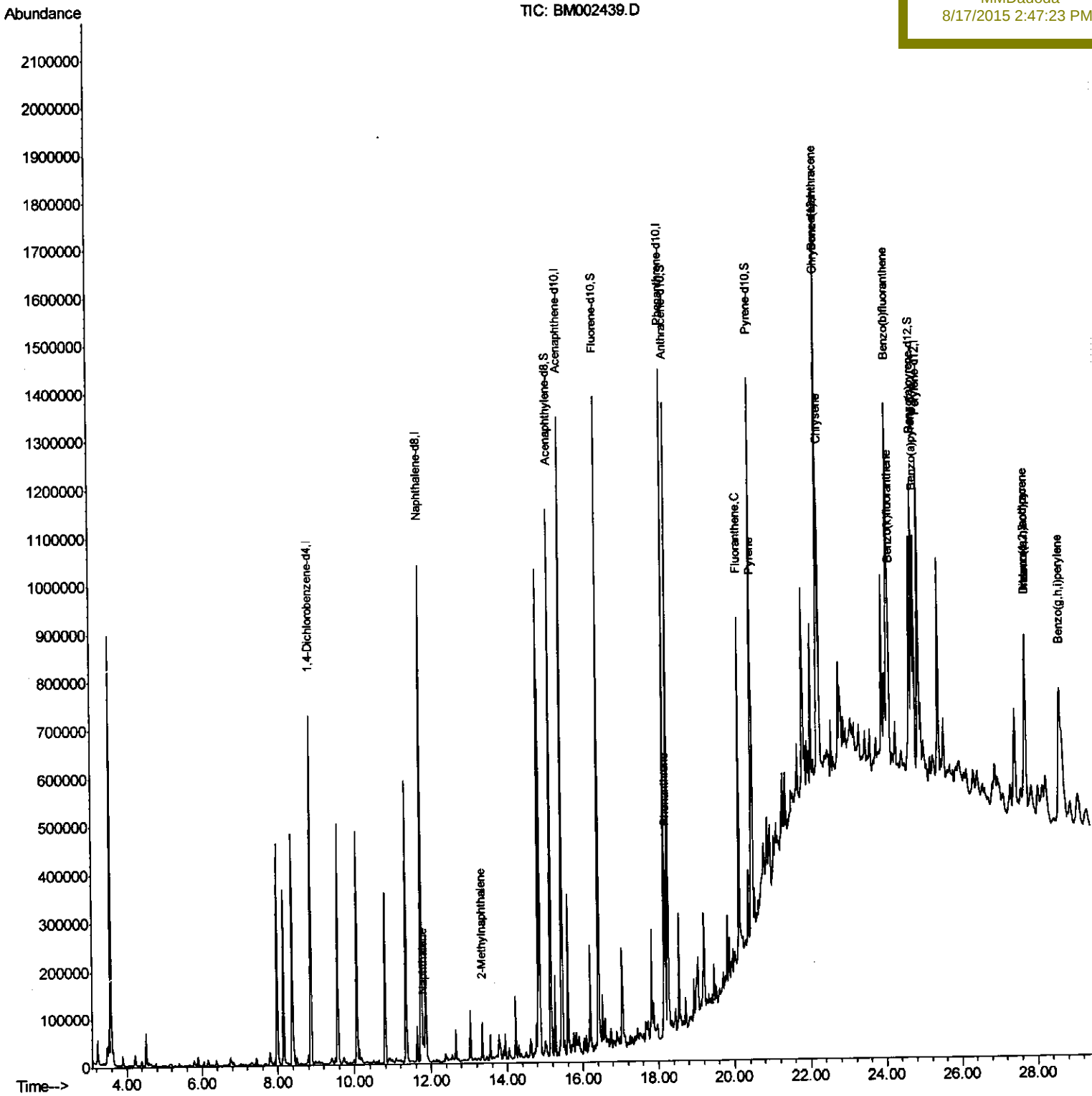


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002439.D
Acq On : 15 Aug 2015 23:53
Operator : UM/IZ
Sample : G3194-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 17 07:12:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
D9DB8

Manual Integrations
APPROVED
MMDadoda
8/17/2015 2:47:23 PM

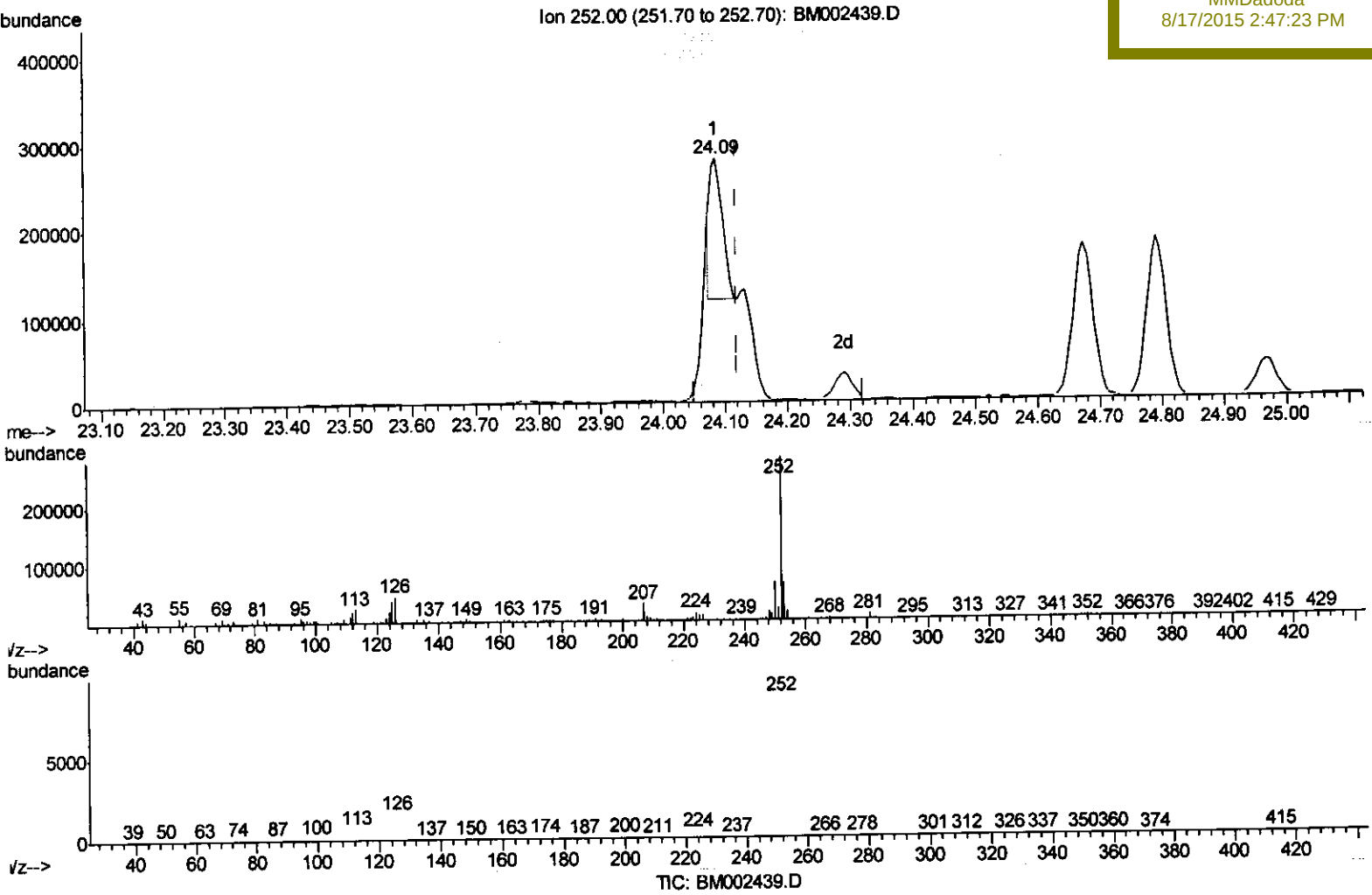


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002439.D
Acc On : 15 Aug 2015 23:53
Operator : UM/IZ
Sample : G3194-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 17 05:19:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DB8

Manual Integrations
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8/17/2015 2:47:23 PM



(24) Benzo(k)fluoranthene

24.085min (-0.035) 6.86ng/ul

response 217868

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.46
125.00	12.30	13.47
0.00	0.00	0.00

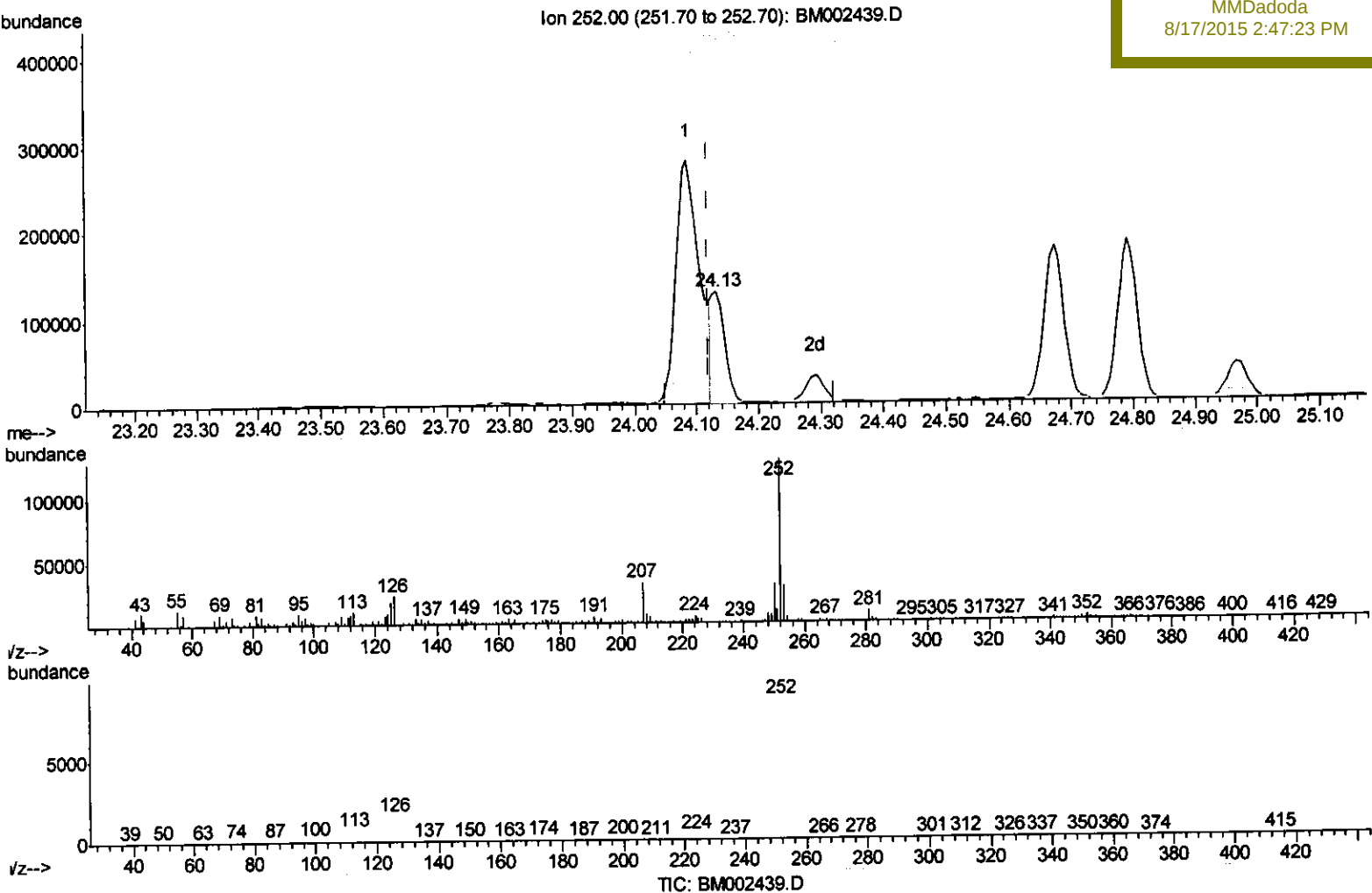
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002439.D
Acq On : 15 Aug 2015 23:53
Operator : UM/IZ
Sample : G3194-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 17 05:19:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DB8

Manual Integrations
APPROVED

MMDadoda
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(24) Benzo(k)fluoranthene

24.132min (+0.012) 6.01ng/ul m

response 190836

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.70
125.00	12.30	14.15
0.00	0.00	0.00

> U.M
08/18/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002439.D
 Acq On : 15 Aug 2015 23:53
 Operator : UM/IZ
 Sample : G3194-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 17 07:12:51 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9DB8

Manual Integrations
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 8/17/2015 2:47:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	216232	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	949592	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	469458	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	841541	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	557089	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	554219	20.00	ng/ul	0.01

System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	868545	18.10	ng/ul	0.00
10) Fluorene-d10	16.42	176	570438	16.92	ng/ul	0.00
14) Anthracene-d10	18.26	188	739639	18.22	ng/ul	0.00
18) Pyrene-d10	20.47	212	588223	23.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	511191	17.56	ng/ul	0.02

Target Compounds				Ovalue		
3) Naphthalene	11.80	128	48797	1.01	ng/ul	98
4) 2-Methylnaphthalene	13.33	142	41893	1.15	ng/ul	100
13) Phenanthrene	18.20	178	211754	4.36	ng/ul	99
16) Fluoranthene	20.14	202	420287	7.64	ng/ul	100
19) Pyrene	20.50	202	367150	11.25	ng/ul	98
20) Benzo(a)anthracene	22.22	228	294662	8.85	ng/ul	98
21) Chrysene	22.28	228	387728	12.44	ng/ul	96
23) Benzo(b)fluoranthene	24.09	252	728511	21.74	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	190836m	6.01	ng/ul	98
26) Benzo(a)pyrene	24.79	252	399800	12.49	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.74	276	381520	10.37	ng/ul	95
28) Dibenzo(a,h)anthracene	27.73	278	124916	4.06	ng/ul#	93
29) Benzo(a,h,i)perylene	28.62	276	365280	11.92	ng/ul	98

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