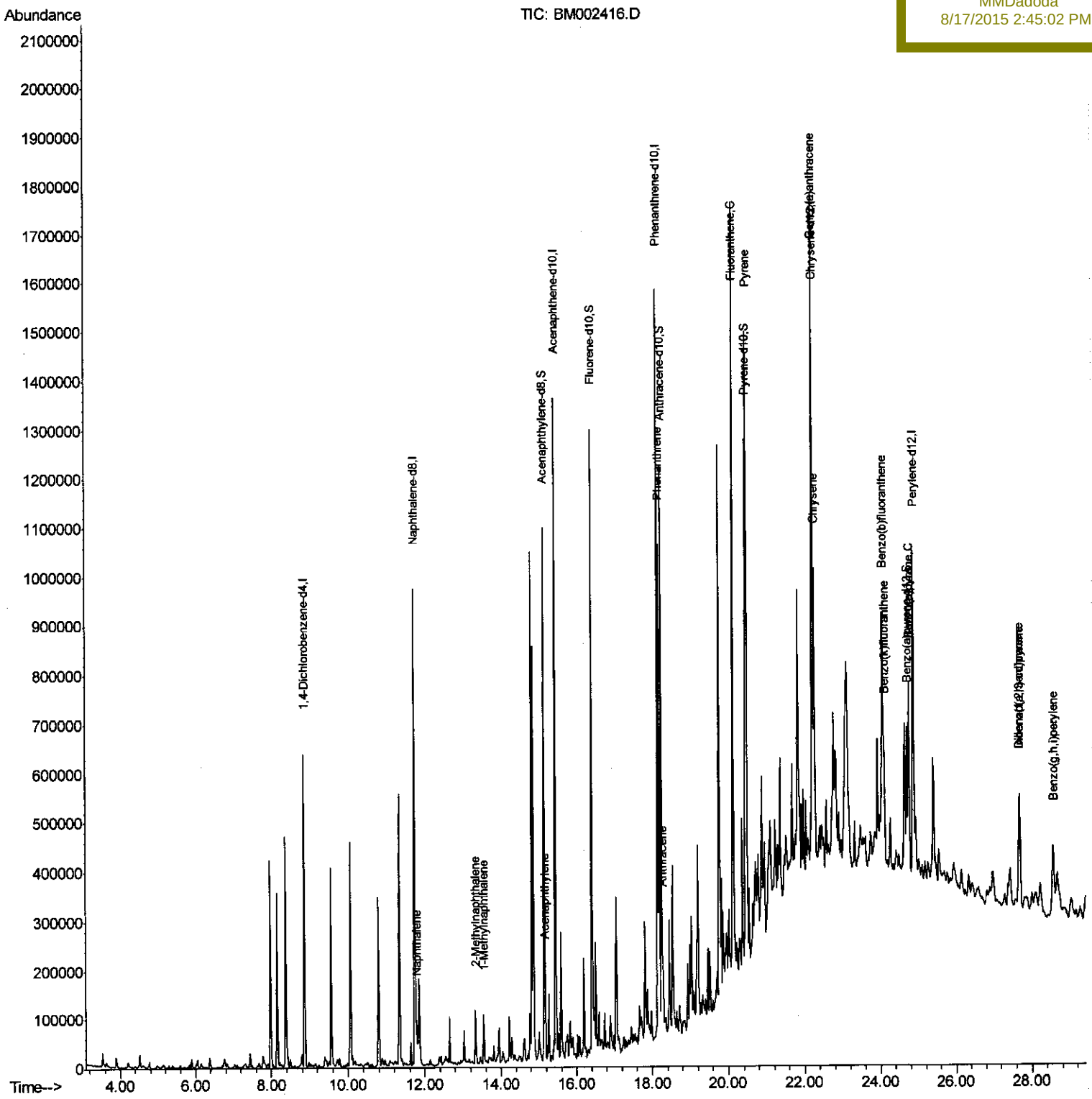
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002416.D
Acq On : 15 Aug 2015 09:44
Operator : UM/IZ
Sample : G3219-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 17 03:52:18 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 :
D9D97

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:02 PM

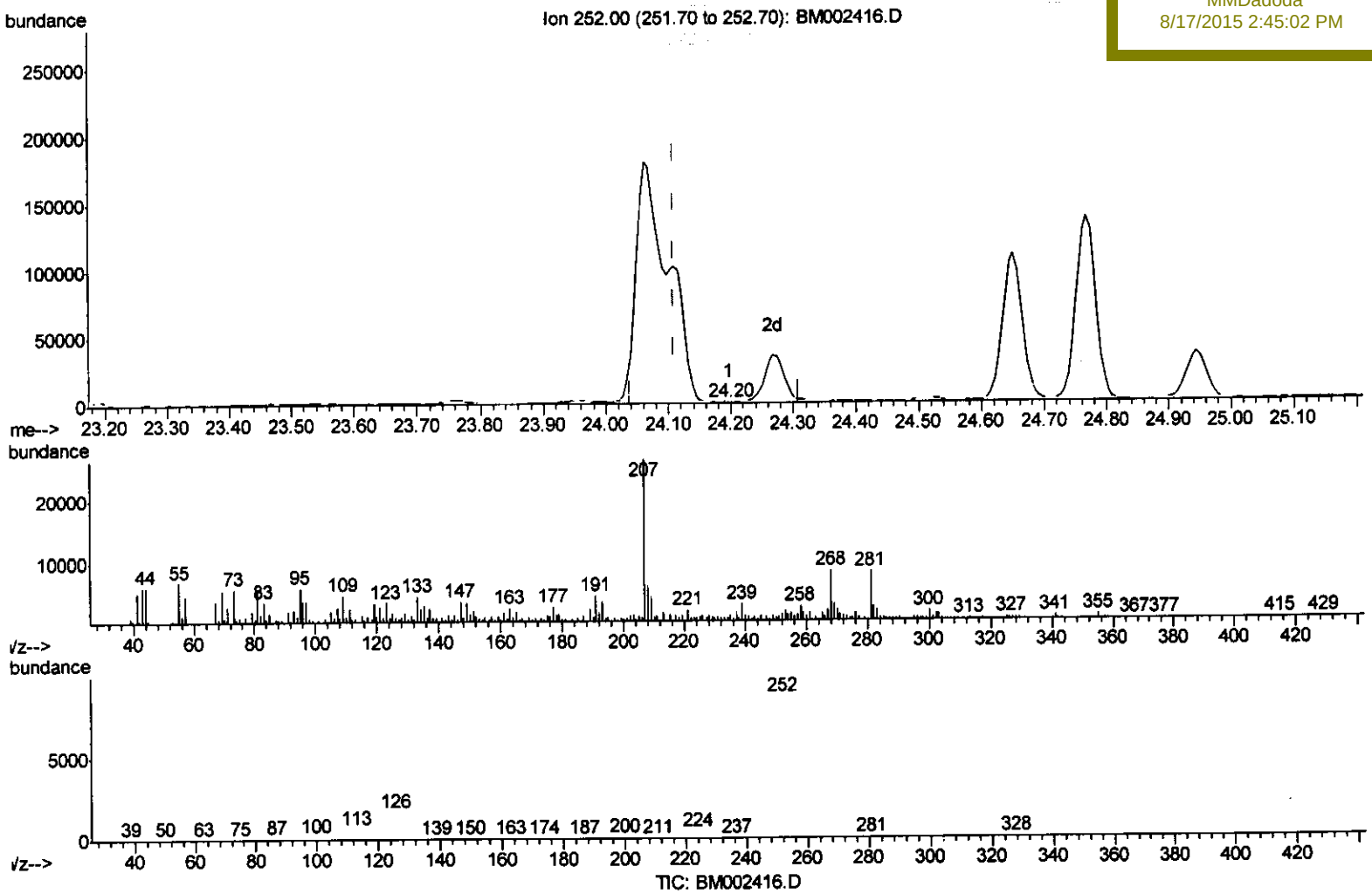


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002416.D
Acq On : 15 Aug 2015 09:44
Operator : UM/IZ
Sample : G3219-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 17 02:56:12 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 :
D9D97

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:02 PM



TIC: BM002416.D

(24) Benzo(k)fluoranthene

24.198min (+0.089) 0.01ng/ul

response 313

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	137.69#
125.00	12.30	123.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002416.D
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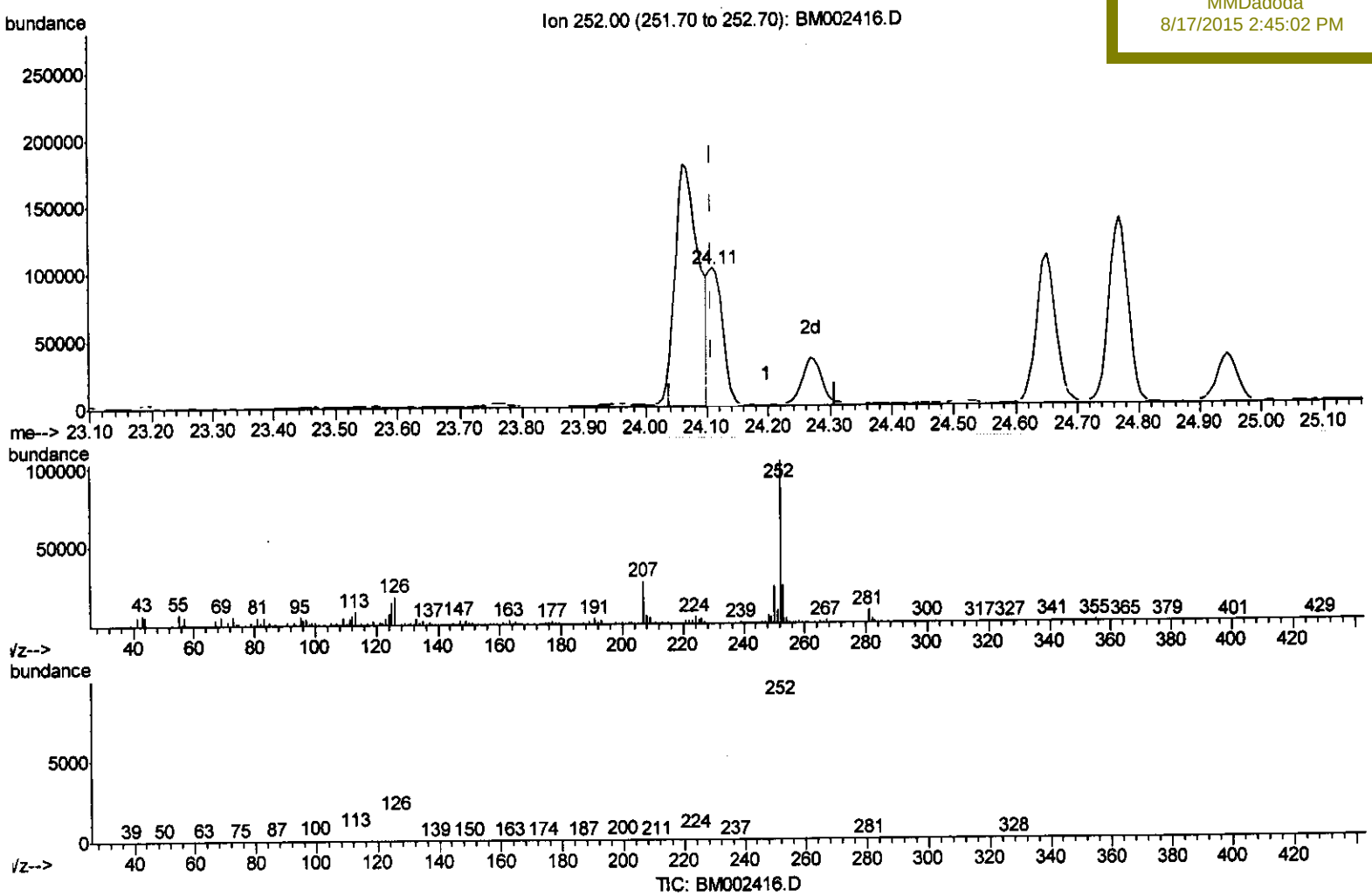
BNA_M
ClientSampleId :
D9D97

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:02 PM



(24) Benzo(k)fluoranthene

24.109min (+0.000) 5.39ng/ul m > U.M. 08/18/15

response 172254

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.72
125.00	12.30	13.80
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002416.D
Acq On : 15 Aug 2015 09:44
Operator : UM/IZ
Sample : G3219-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 17 03:52:18 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 : D9D97

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	191005	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	878170	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	461782	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	912005	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	636501	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	557358	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	792410	16.78	ng/ul	0.00
10) Fluorene-d10	16.42	176	508916	15.35	ng/ul	0.00
14) Anthracene-d10	18.25	188	663855	15.09	ng/ul	0.00
18) Pyrene-d10	20.46	212	509505	18.06	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	255961	8.74	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	85201	1.90	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	57584	1.71	ng/ul	98
5) 1-Methylnaphthalene	13.55	142	50177	1.51	ng/ul	97
8) Acenaphthylene	15.18	152	60846	1.23	ng/ul	98
13) Phenanthrene	18.19	178	621323	11.80	ng/ul	100
15) Anthracene	18.28	178	126103	2.36	ng/ul	99
16) Fluoranthene	20.14	202	951908	15.97	ng/ul	99
19) Pyrene	20.49	202	710077	19.04	ng/ul	100
20) Benzo(a)anthracene	22.21	228	386681	10.16	ng/ul	98
21) Chrysene	22.27	228	376011	10.56	ng/ul	95
23) Benzo(b)fluoranthene	24.06	252	474487	14.08	ng/ul	96
24) Benzo(k)fluoranthene	24.11	252	172254m	5.39	ng/ul	
26) Benzo(a)pyrene	24.77	252	301067	9.35	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.69	276	227844	6.16	ng/ul	94
28) Dibenzo(a,h)anthracene	27.69	278	63821	2.06	ng/ul#	88
29) Benzo(g,h,i)perylene	28.57	276	206113	6.69	ng/ul	99

U.M. 08/18/15

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