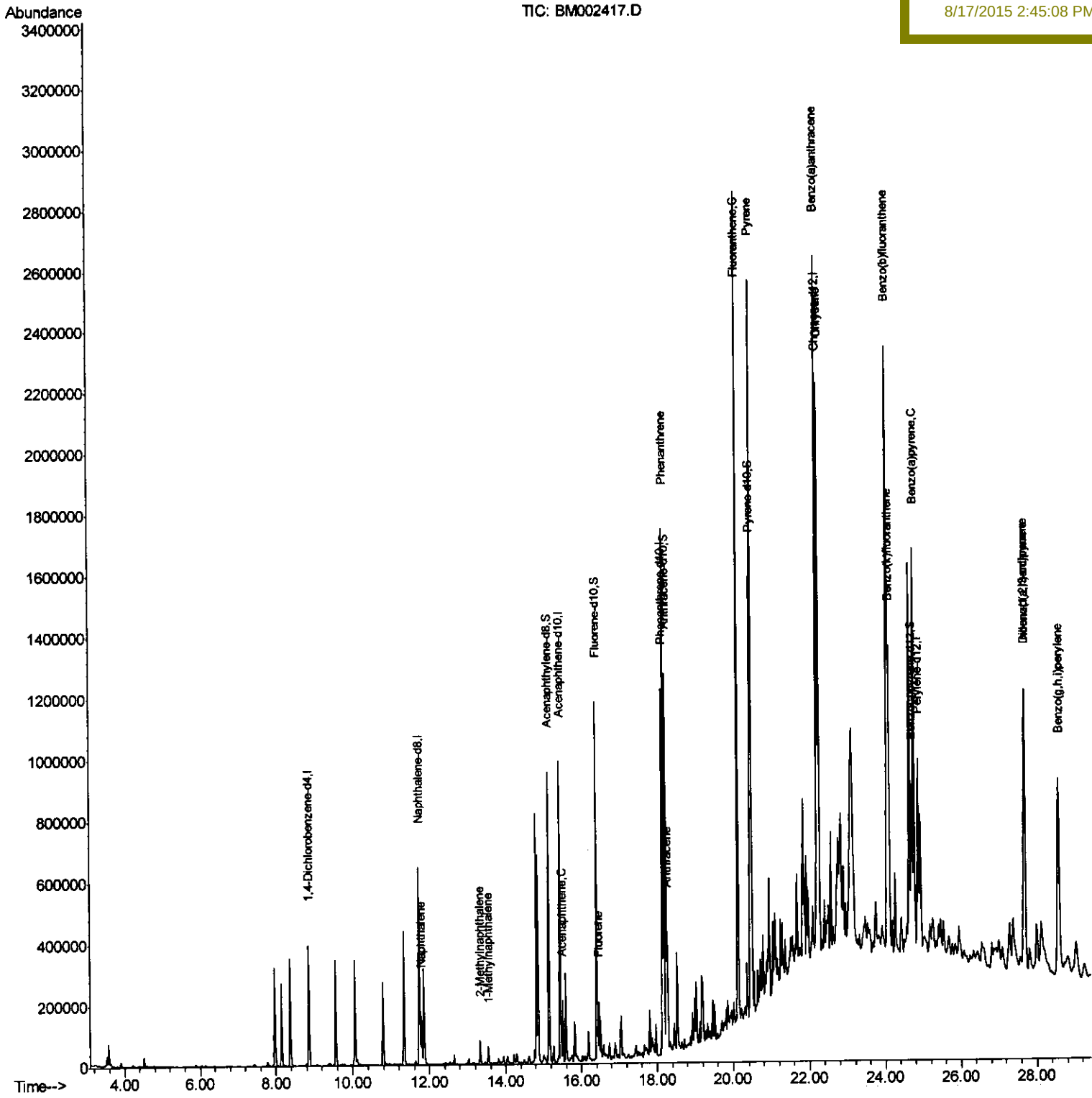


Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002417.D
Acq On : 15 Aug 2015 10:20
Operator : UM/IZ
Sample : G3219-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 17 04:27:23 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 :
D9D99

Manual Integrations
APPROVED
MMDadoda
8/17/2015 2:45:08 PM



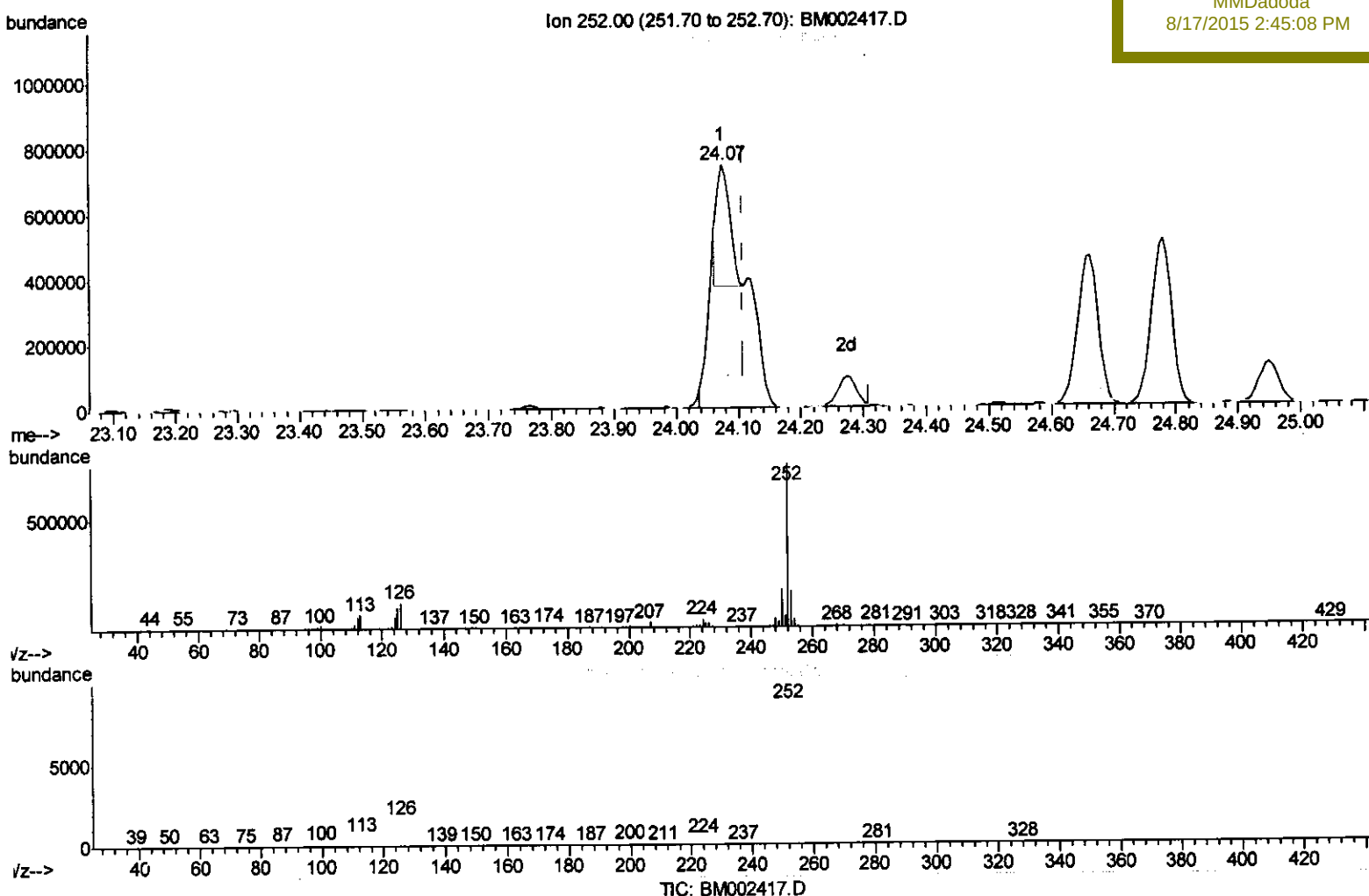
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
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 Operator : UM/IZ
 Sample : G3219-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 17 02:56:24 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 :
 D9D99

Manual Integrations
 APPROVED

MMDadoda
 8/17/2015 2:45:08 PM



(24) Benzo(k)fluoranthene

24.074min (-0.035) 17.26ng/ul

response 522395

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.30
125.00	12.30	12.97
0.00	0.00	0.00

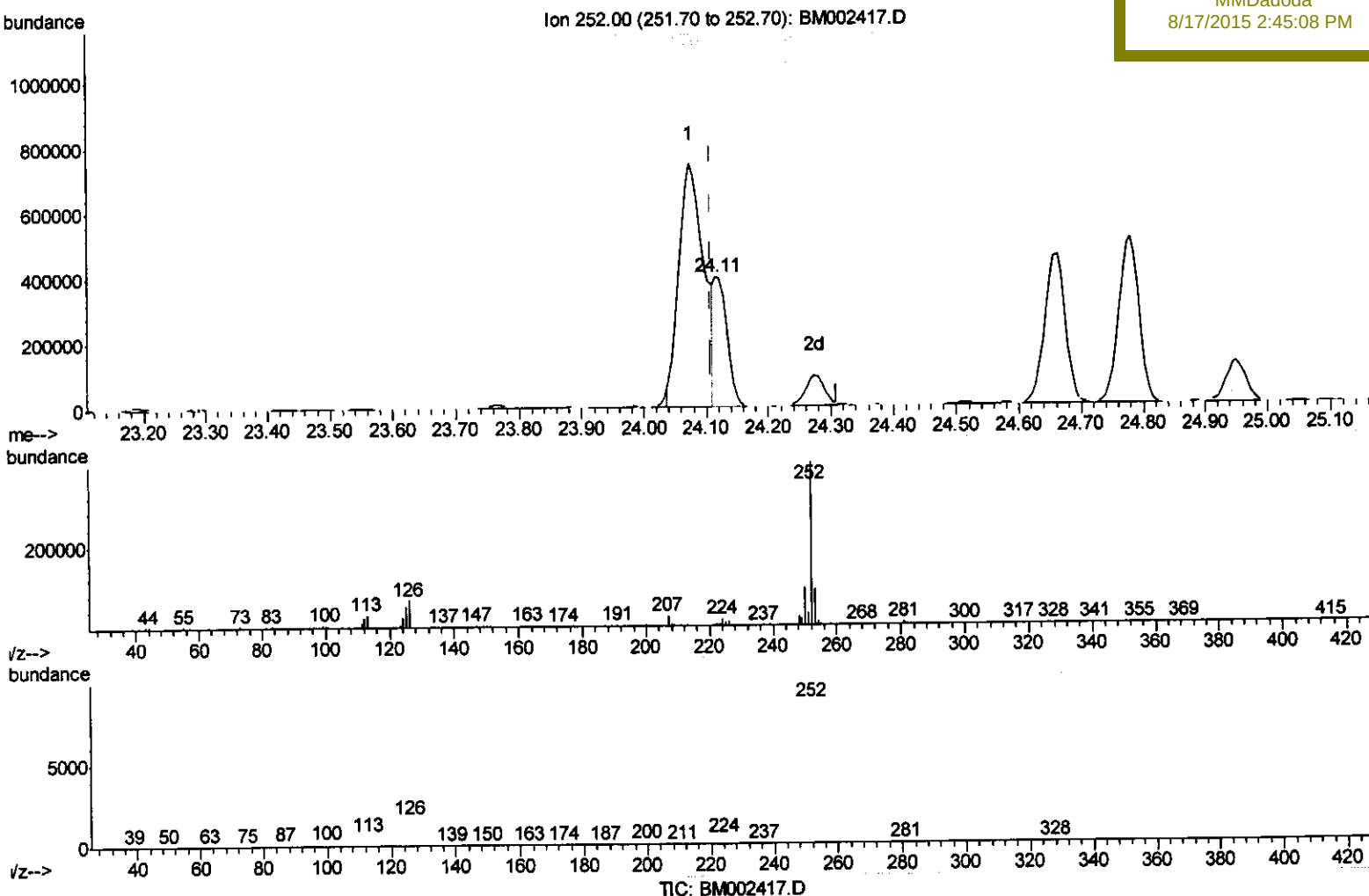
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002417.D
 Acq On : 15 Aug 2015 10:20
 Operator : UM/IZ
 Sample : G3219-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 D9D99

Manual Integrations
 APPROVED

MMDadoda
 8/17/2015 2:45:08 PM

Quant Time: Aug 17 02:56:24 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



(24) Benzo(k)fluoranthene

24.115min (+0.006) 19.26ng/ul m

response 582830

> U.M.
 08/18/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.42
125.00	12.30	13.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002417.D
 Acq On : 15 Aug 2015 10:20
 Operator : UM/IZ
 Sample : G3219-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D99

Quant Time: Aug 17 04:27:23 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

Manual Integrations
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 8/17/2015 2:45:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	119646	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	586717	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	341203	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	725909	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	650845	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	528338	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	716865	20.55	ng/ul	0.00
10) Fluorene-d10	16.42	176	473545	19.33	ng/ul	0.00
14) Anthracene-d10	18.25	188	695703	19.87	ng/ul	0.00
18) Pvrene-d10	20.47	212	678302	23.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	481024	17.33	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.79	128	159559	5.33	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	41092	1.83	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	29032	1.31	ng/ul	99
9) Acenaphthene	15.51	153	82475	3.43	ng/ul	98
11) Fluorene	16.47	166	90609	3.29	ng/ul	99
13) Phenanthrene	18.20	178	1102077	26.29	ng/ul	100
15) Anthracene	18.29	178	253028	5.96	ng/ul	100
16) Fluoranthene	20.14	202	1648874	34.74	ng/ul	98
19) Pvrene	20.50	202	1393828	36.56	ng/ul	99
20) Benzo(a)anthracene	22.21	228	1043222	26.80	ng/ul	98
21) Chrysene	22.27	228	1206237	33.14	ng/ul	98
23) Benzo(b)fluoranthene	24.07	252	2085004	65.28	ng/ul	99
24) Benzo(k)fluoranthene	24.11	252	582830m	19.26	ng/ul	99
26) Benzo(a)pvrene	24.78	252	1149243	37.67	ng/ul	99
27) Indeno(1,2,3-cd)pvrene	27.71	276	986622	28.12	ng/ul	94
28) Dibenzo(a,h)anthracene	27.71	278	318772	10.87	ng/ul#	78
29) Benzo(a,h,i)perylene	28.59	276	887974	30.40	ng/ul	99

U.M.
 08/18/15

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