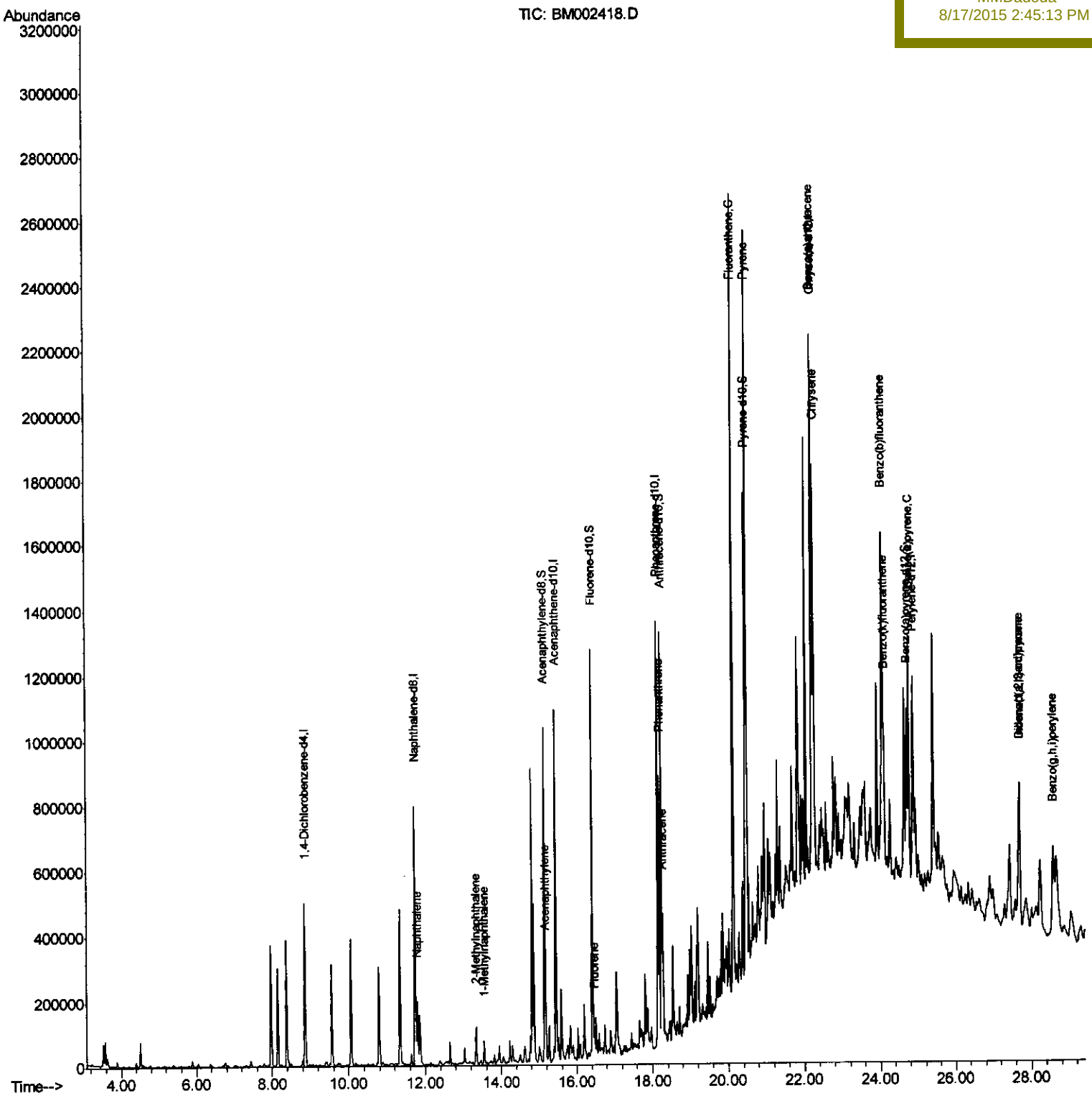
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
Acq On : 15 Aug 2015 10:57
Operator : UM/IZ
Sample : G3219-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 17 04:30:10 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 :
D9DA7

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:13 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
Acq On : 15 Aug 2015 10:57
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Sample : G3219-16
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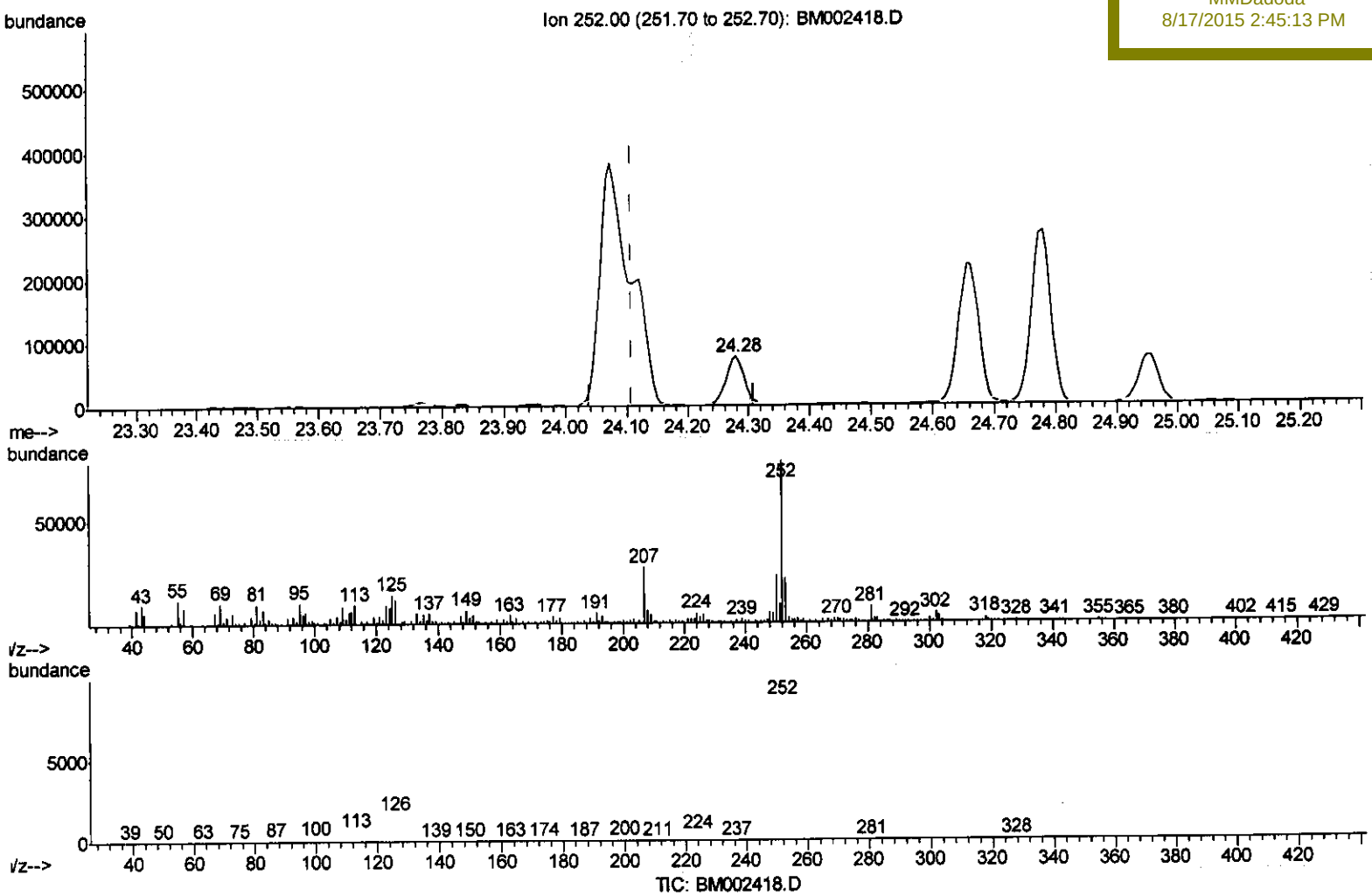
Quant Time: Aug 17 02:56:37 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DA7

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:13 PM



(24) Benzo(k)fluoranthene

24.279min (+0.171) 5.18ng/ul

response 153425

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.45#
125.00	12.30	18.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
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Operator : UM/IZ
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QLast Update : Mon Aug 17 02:54:04 2015
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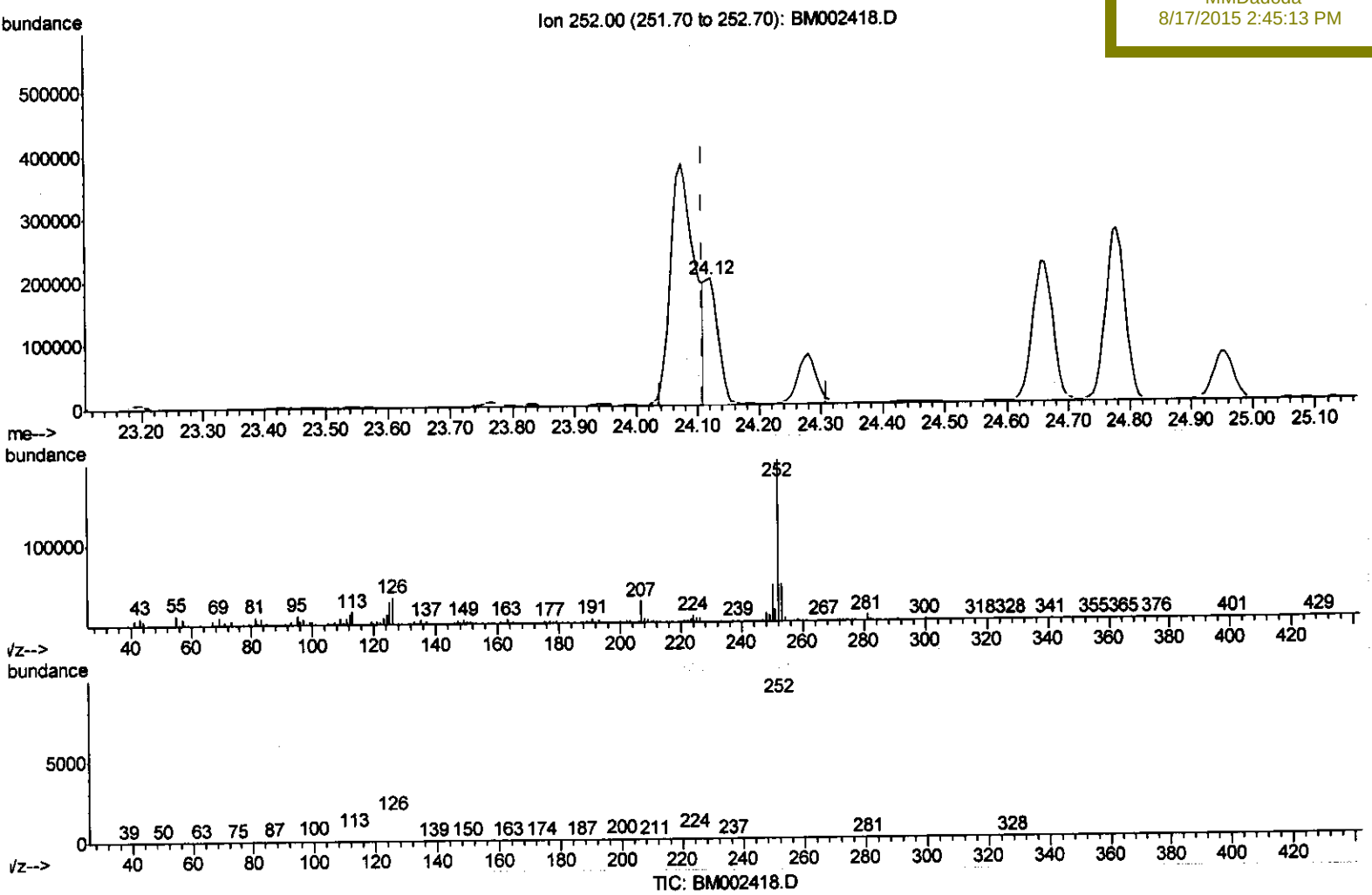
BNA_M
ClientSampleId :
D9DA7

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:13 PM



(24) Benzo(k)fluoranthene

24.121min (+0.012) 9.74ng/ul m

response 288327

U.M. 08/18/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.58
125.00	12.30	13.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002418.D
Acq On : 15 Aug 2015 10:57
Operator : UM/IZ
Sample : G3219-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 17 04:30:10 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 : D9DA7

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:45:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	154146	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	720582	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	382177	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	782806	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	623086	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	516907	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	762024	19.50	ng/ul	0.00
10) Fluorene-d10	16.42	176	511990	18.66	ng/ul	0.00
14) Anthracene-d10	18.25	188	718426	19.03	ng/ul	0.00
18) Pyrene-d10	20.47	212	676651	24.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	467955	17.23	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.79	128	182843	4.97	ng/ul	100
4) 2-Methylnaphthalene	13.33	142	58111	2.11	ng/ul	97
5) 1-Methylnaphthalene	13.54	142	36379	1.33	ng/ul	100
8) Acenaphthylene	15.18	152	147470	3.61	ng/ul	99
11) Fluorene	16.47	166	32672	1.06	ng/ul#	94
13) Phenanthrene	18.20	178	522043	11.55	ng/ul	99
15) Anthracene	18.29	178	242825	5.30	ng/ul	99
16) Fluoranthene	20.14	202	1574421	30.76	ng/ul	100
19) Pyrene	20.50	202	1332904	36.52	ng/ul	100
20) Benzo(a)anthracene	22.21	228	764384	20.51	ng/ul	98
21) Chrysene	22.27	228	779079	22.35	ng/ul	97
23) Benzo(b)fluoranthene	24.07	252	1042033	33.35	ng/ul	98
24) Benzo(k)fluoranthene	24.12	252	288327m	9.74	ng/ul	
26) Benzo(a)pyrene	24.78	252	601273	20.14	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.71	276	441636	12.87	ng/ul	94
28) Dibenzo(a,h)anthracene	27.70	278	127163	4.43	ng/ul#	90
29) Benzo(g,h,i)perylene	28.59	276	391351	13.70	ng/ul	98

U.M. 08/18/15

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