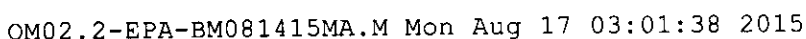


Quant Time: Aug 17 03:01:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

MMDadoda
8/17/2015 2:44:36 PM



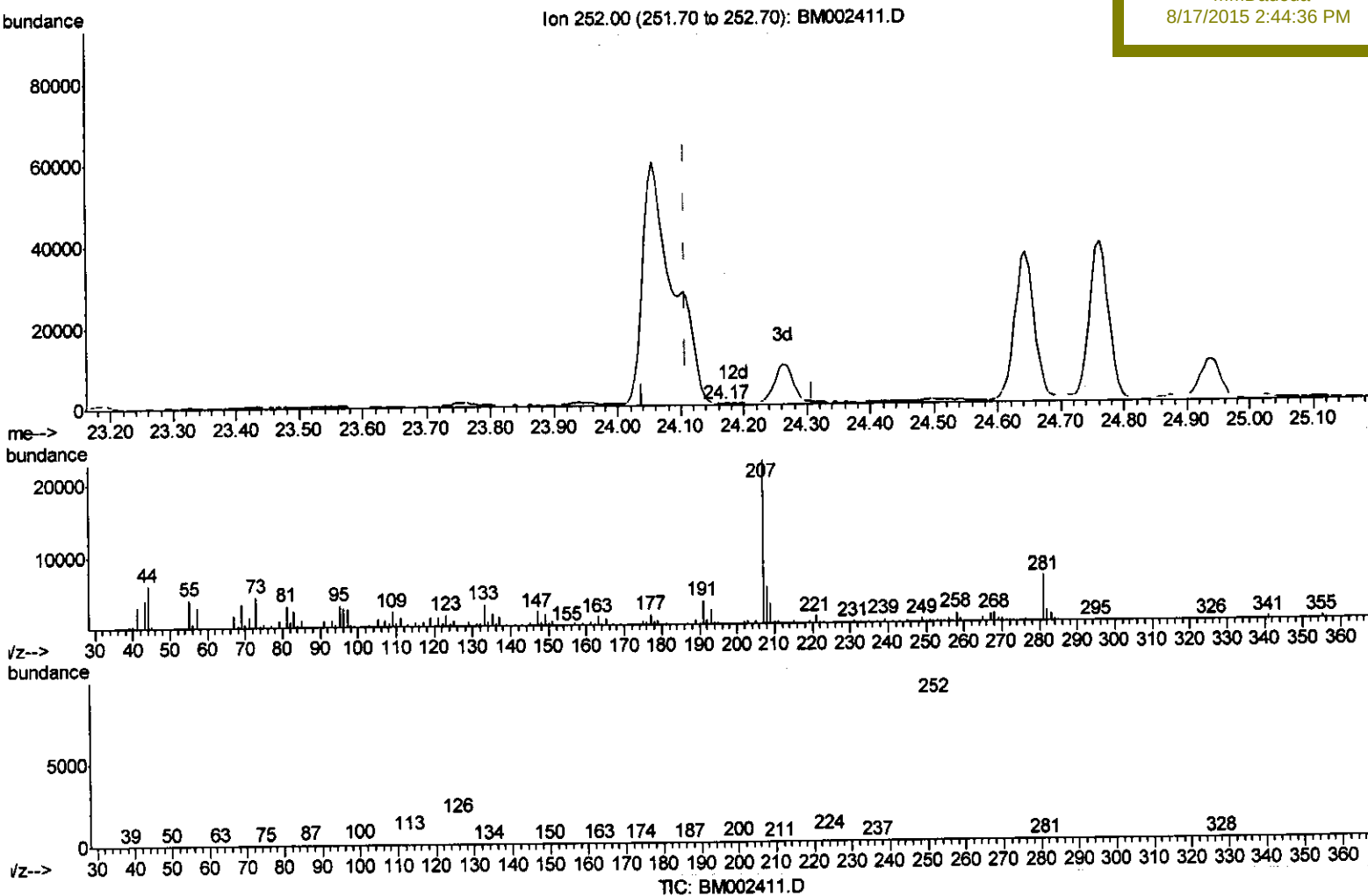
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002411.D
Acq On : 15 Aug 2015 06:43
Operator : UM/IZ
Sample : G3219-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DB1

Manual Integrations
APPROVED

MMDadoda
8/17/2015 2:44:36 PM

Quant Time: Aug 17 02:55:27 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

24.168min (+0.059) 0.00ng/ul

response 77

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	122.77#
125.00	12.30	213.07#
0.00	0.00	0.00

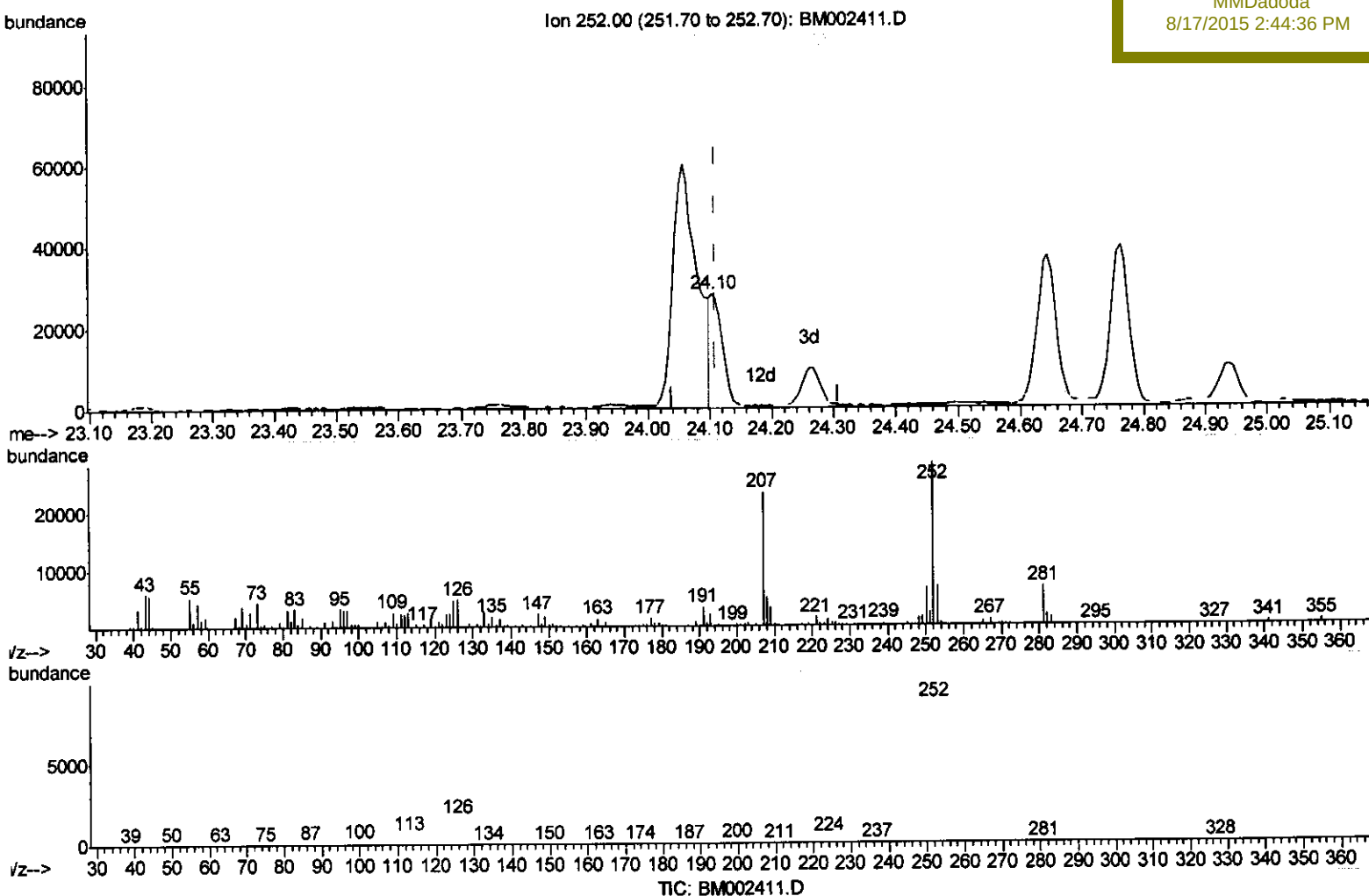
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002411.D
 Acq On : 15 Aug 2015 06:43
 Operator : UM/IZ
 Sample : G3219-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB1

Manual Integrations
 APPROVED

MMDadoda
 8/17/2015 2:44:36 PM

Quant Time: Aug 17 02:55:27 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

24.103min (-0.006) 1.12ng/ul m

response 38961

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.12
125.00	12.30	17.42#
0.00	0.00	0.00

> U.M.
 08/18/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002411.D
 Acq On : 15 Aug 2015 06:43
 Operator : UM/IZ
 Sample : G3219-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 17 03:01:36 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 :
 D9DB1

Manual Integrations
 APPROVED

MMDadoda
 8/17/2015 2:44:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	141182	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	678969	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	371954	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	789889	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	778797	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	606979	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	804313	21.15	ng/ul	0.00
10) Fluorene-d10	16.42	176	542371	20.31	ng/ul	0.00
14) Anthracene-d10	18.24	188	783868	20.57	ng/ul	0.00
18) Pyrene-d10	20.46	212	825135	23.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	644629	20.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.19	178	87366	1.92	ng/ul	99
16) Fluoranthene	20.13	202	188392	3.65	ng/ul	99
19) Pyrene	20.49	202	167047	3.66	ng/ul	99
20) Benzo(a)anthracene	22.20	228	95938	2.06	ng/ul	98
21) Chrysene	22.26	228	115319	2.65	ng/ul	97
23) Benzo(b)fluoranthene	24.06	252	161377	4.40	ng/ul#	96
24) Benzo(k)fluoranthene	24.10	252	38961m	1.12	ng/ul	96
26) Benzo(a)pyrene	24.76	252	82525	2.35	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.68	276	63243	1.57	ng/ul	95
29) Benzo(a,h,i)perylene	28.55	276	60851	1.81	ng/ul	96

U.M.
 08/18/15

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