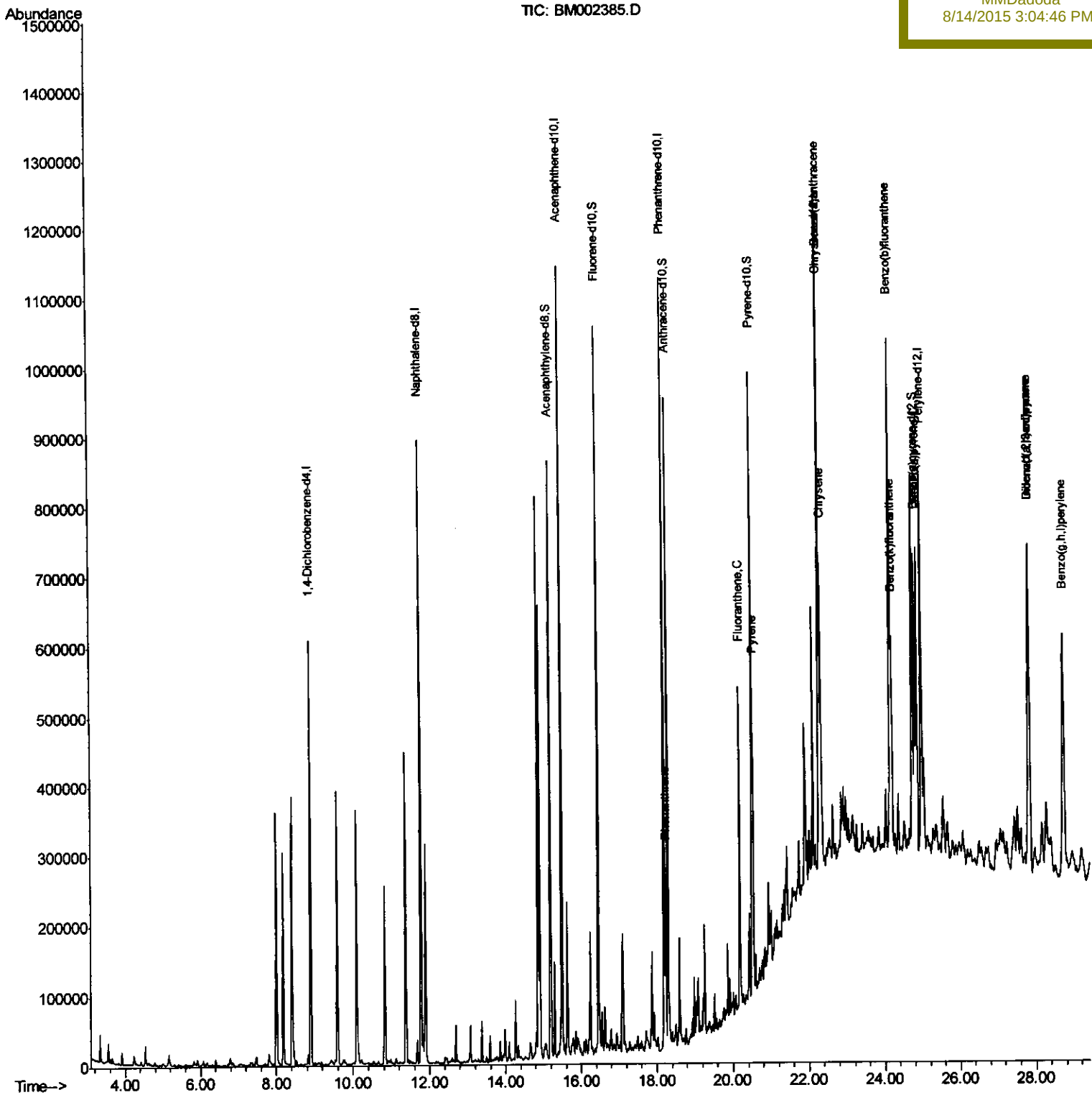


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002385.D
Acq On : 13 Aug 2015 05:50
Operator : UM/IZ
Sample : G3194-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 13 06:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 05:08:41 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
D9D86

Manual Integrations
APPROVED
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8/14/2015 3:04:46 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002385.D
 Acq On : 13 Aug 2015 05:50
 Operator : UM/IZ
 Sample : G3194-05
 Misc :
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Quant Time: Aug 13 06:57:57 2015
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 BNA_M
 ClientSampleId :
 D9D86

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	183077	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	798707	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	386073	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	665357	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	460394	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	457391	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.19	160	667040	16.68	ng/ul	0.00
10) Fluorene-d10	16.46	176	429092	15.43	ng/ul	0.00
14) Anthracene-d10	18.29	188	546803	16.94	ng/ul	0.00
18) Pyrene-d10	20.51	212	438451	19.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	379717	15.64	ng/ul	0.00

Target Compounds

						Qvalue
13) Phenanthrene	18.24	178	146521	3.83	ng/ul	99
16) Fluoranthene	20.18	202	271557	6.40	ng/ul	99
19) Pyrene	20.54	202	231057	7.76	ng/ul	97
20) Benzo(a)anthracene	22.27	228	224674	7.99	ng/ul	98
21) Chrysene	22.33	228	294086	11.04	ng/ul	98
23) Benzo(b)fluoranthene	24.15	252	730171	25.68	ng/ul	100
24) Benzo(k)fluoranthene	24.20	252	191652m	7.02	ng/ul	
26) Benzo(a)pyrene	24.86	252	366652	13.48	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.84	276	490627	15.73	ng/ul	92
28) Dibenzo(a,h)anthracene	27.83	278	161122	6.10	ng/ul#	94
29) Benzo(g,h,i)perylene	28.73	276	486723	18.50	ng/ul	99

U.M
 08/16/15

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

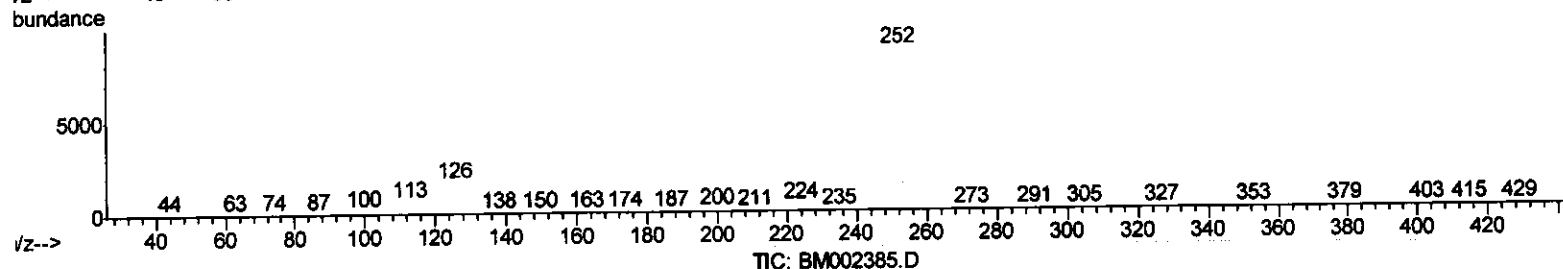
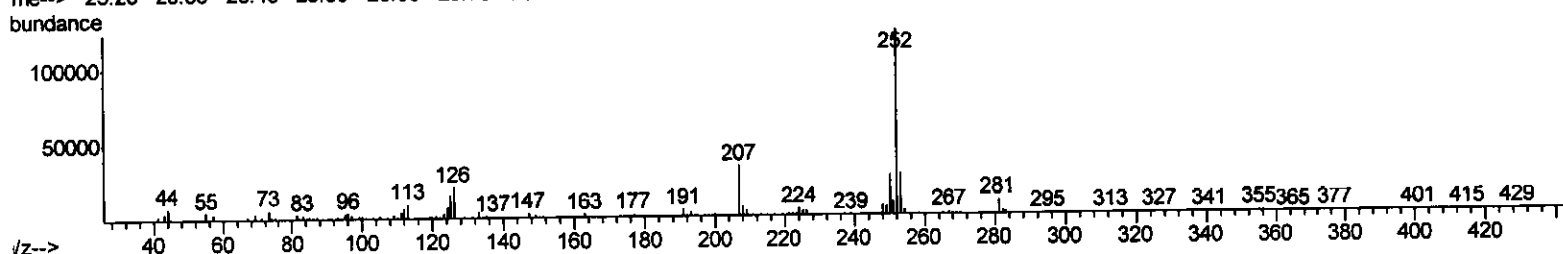
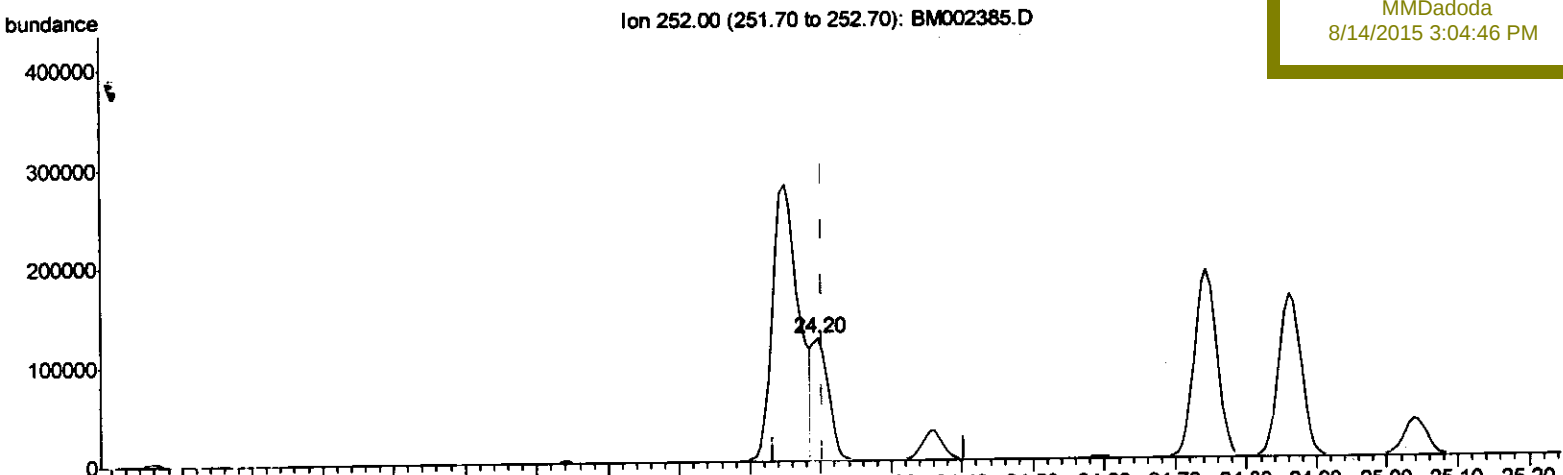
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002385.D
 Acq On : 13 Aug 2015 05:50
 Operator : UM/IZ
 Sample : G3194-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9D86

Manual Integrations
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Quant Time: Aug 13 06:56:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene
 24.197min (-0.006) 7.02ng/ul m
 response 191652

U.M.
08/16/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.80
125.00	12.80	12.88
0.00	0.00	0.00

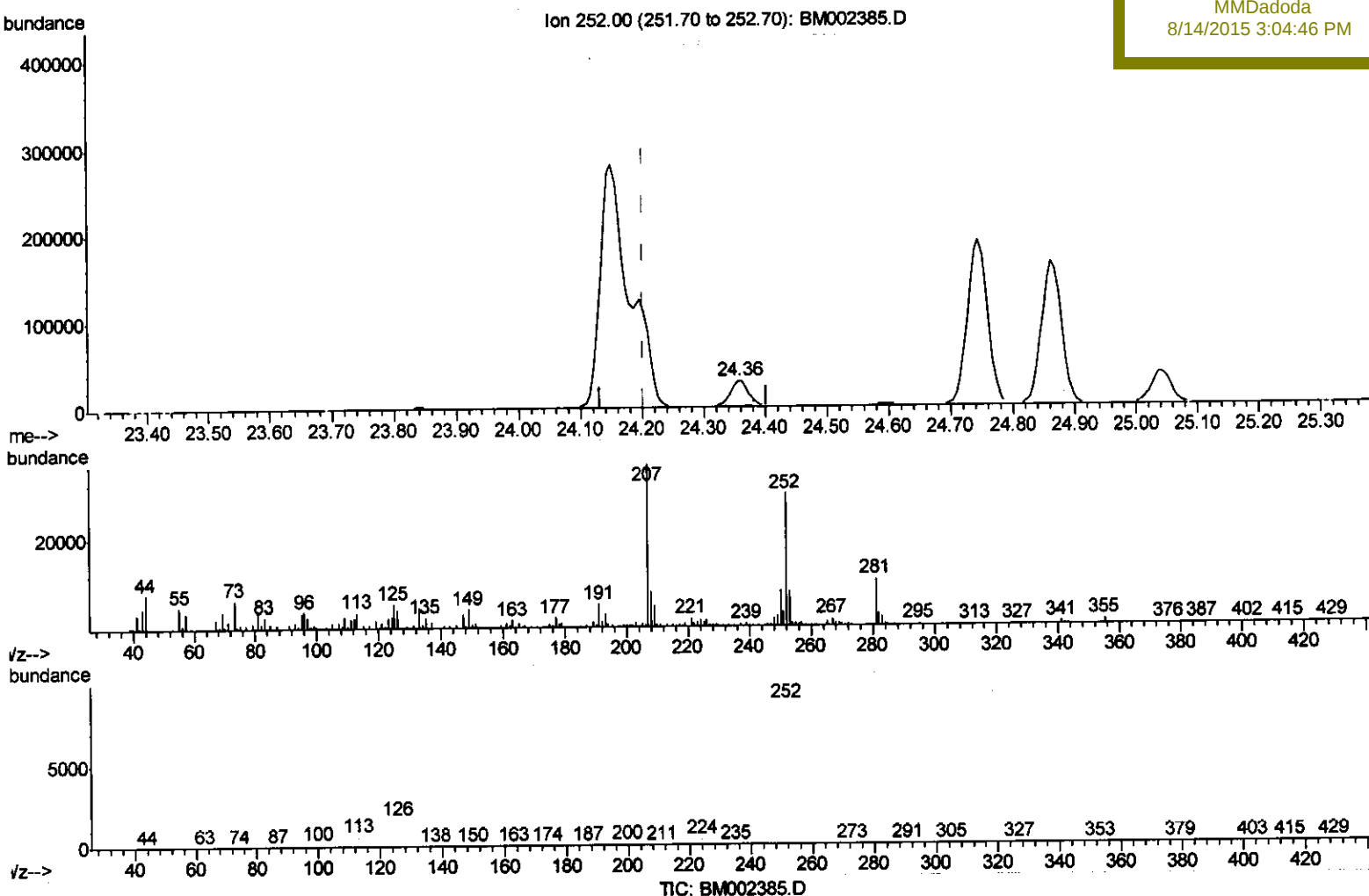
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002385.D
 Acq On : 13 Aug 2015 05:50
 Operator : UM/IZ
 Sample : G3194-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 13 06:56:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9D86

Manual Integrations
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MMDadoda
 8/14/2015 3:04:46 PM



(24) Benzo(k)fluoranthene

24.356min (+0.153) 2.04ng/ul

response 55806

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.85#
125.00	12.80	18.71#
0.00	0.00	0.00