

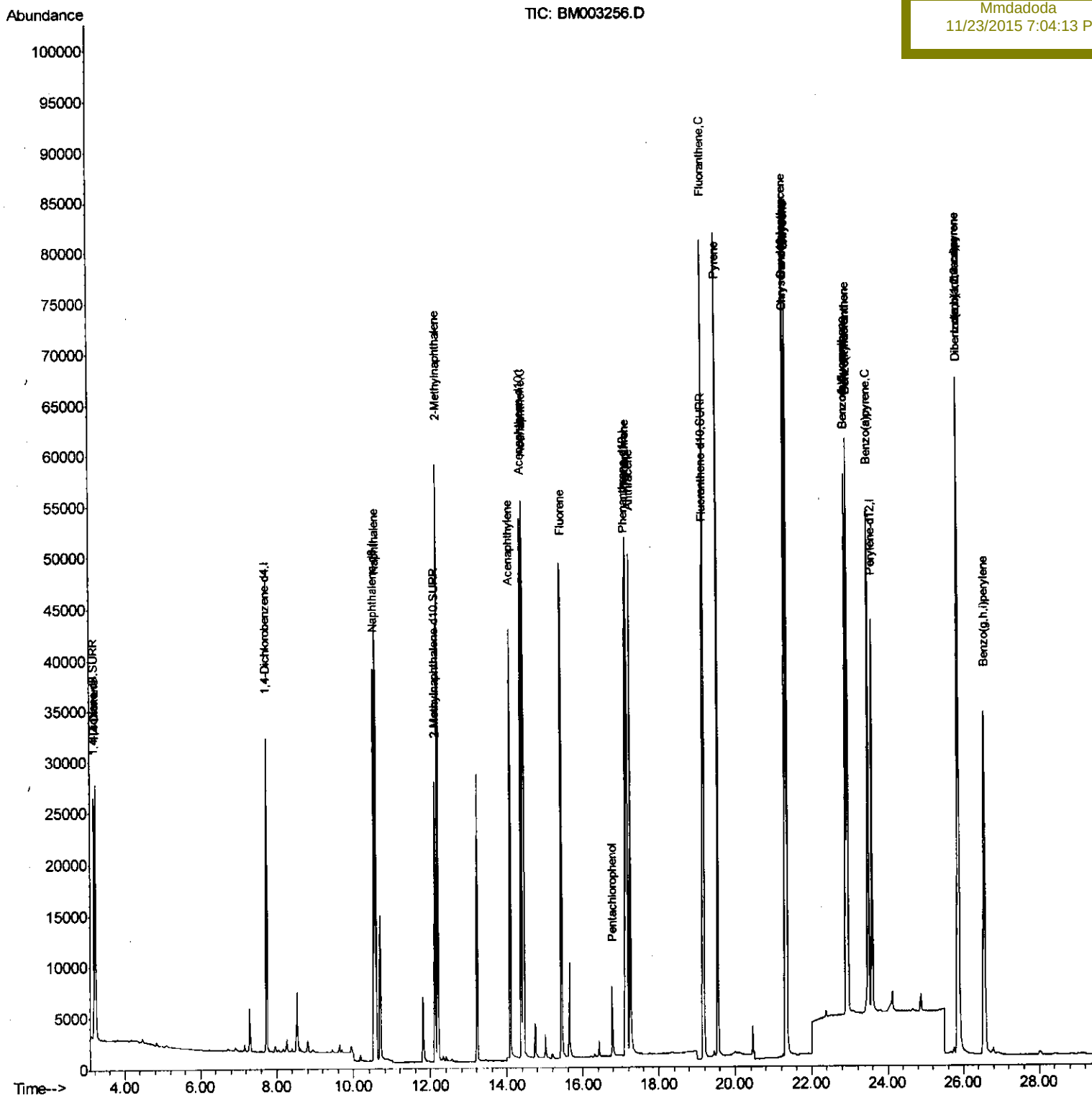
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112115\
Data File : BM003256.D
Acq On : 21 Nov 2015 19:18
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 04:36:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.460

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:04:13 PM



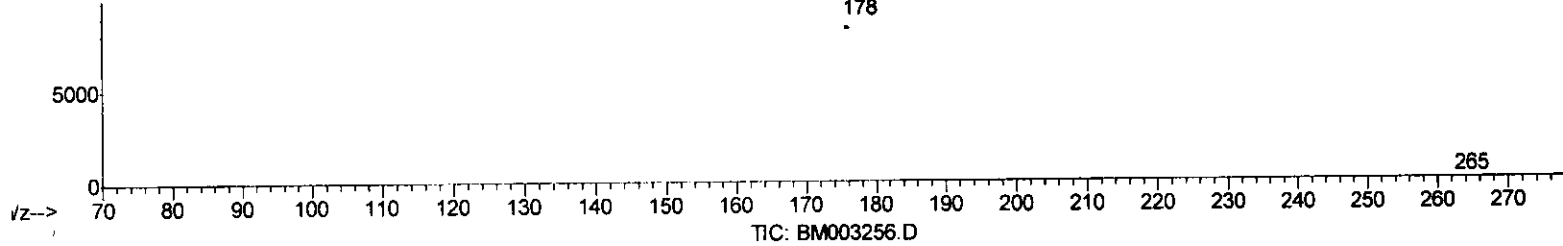
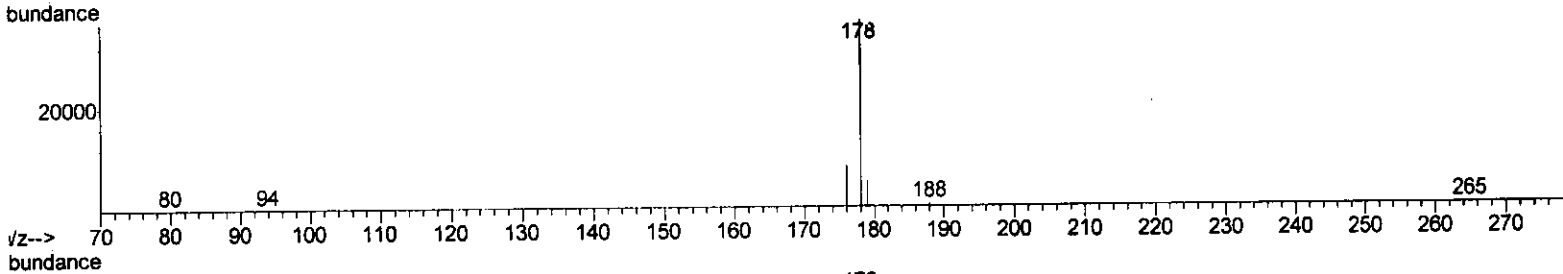
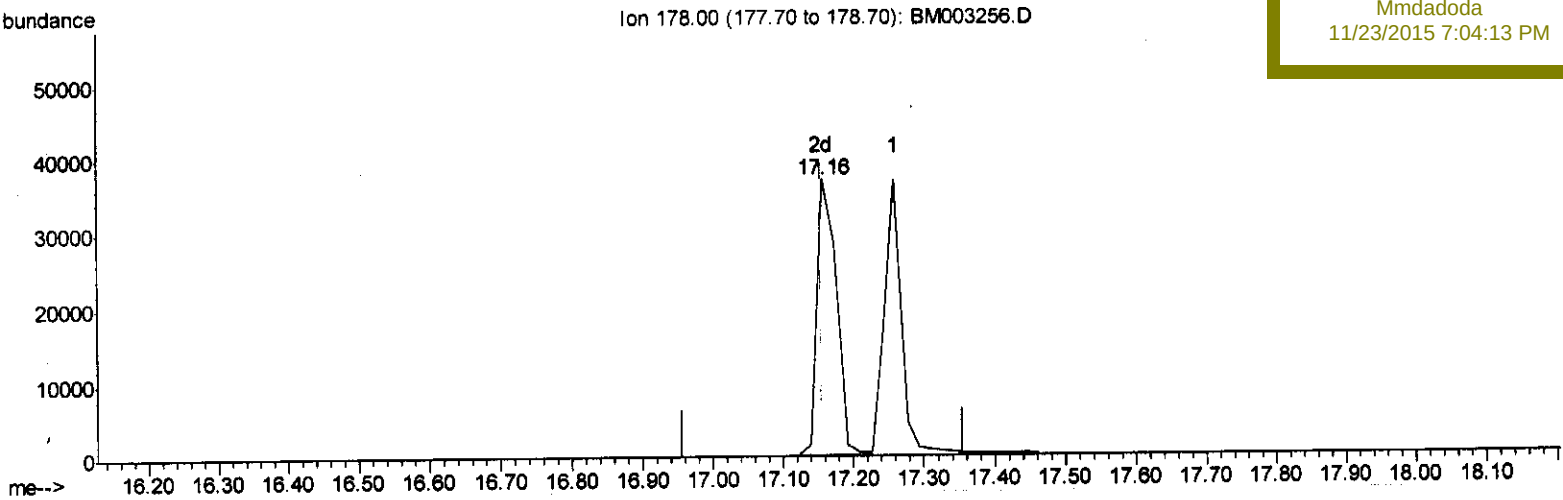
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112115\
Data File : BM003256.D
Acq On : 21 Nov 2015 19:18
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 04:36:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.460

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:04:13 PM



(14) Phenanthrene

17.157min (+0.000) 0.41ng/ul m

response 70510

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.81#
179.00	17.70	13.78#
0.00	0.00	0.00

U.M
11/22/2015

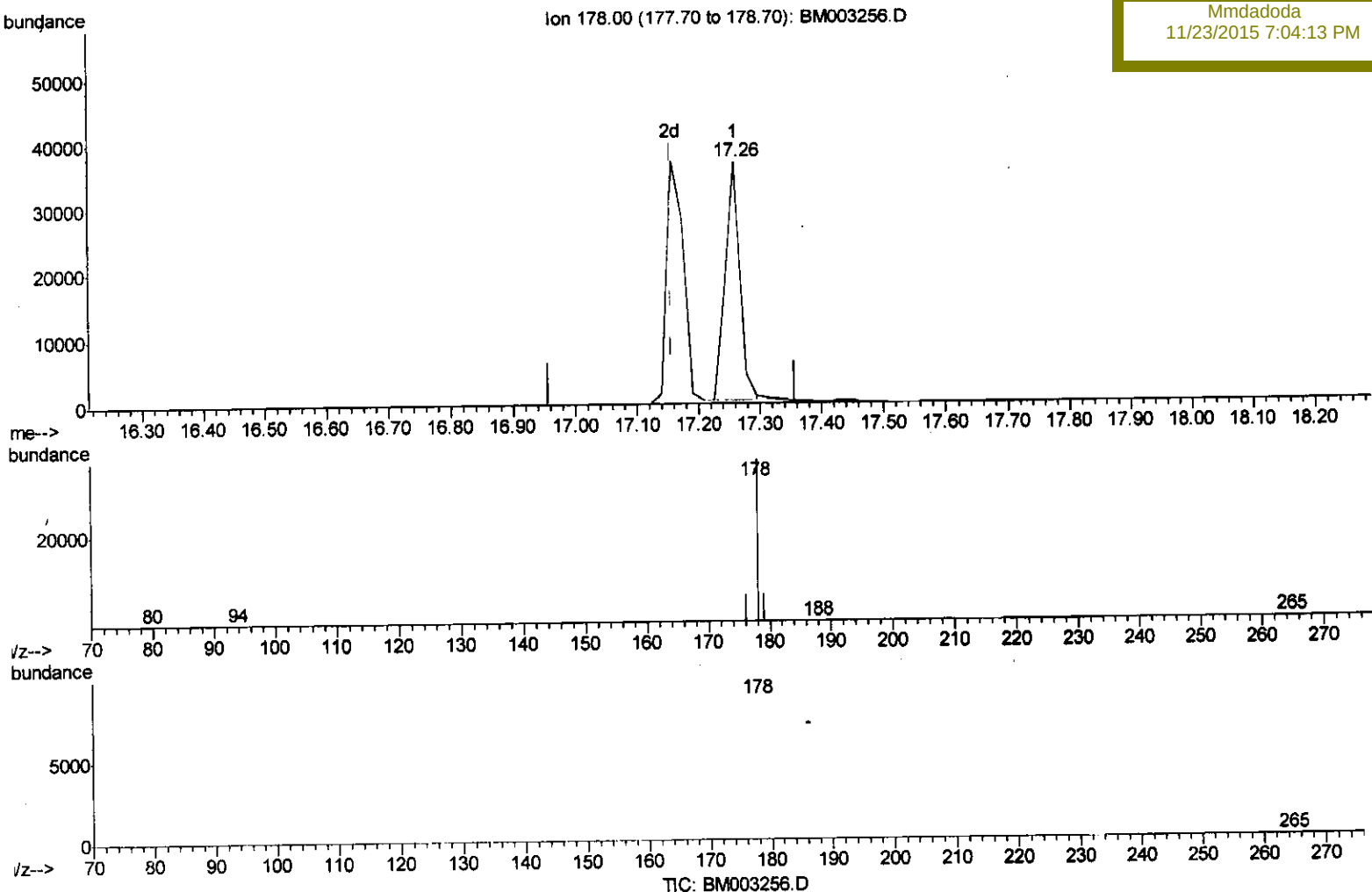
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112115\
 Data File : BM003256.D
 Acq On : 21 Nov 2015 19:18
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 15:10:26 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 11:49:00 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.460

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:04:13 PM



(14) Phenanthrene

17.260min (+0.103) 0.35ng/ul

response 59595

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	16.78
179.00	17.70	16.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112115\
 Data File : BM003256.D
 Acq On : 21 Nov 2015 19:18
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 04:36:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:13:23 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.460

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:04:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	16000	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	60762	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29241	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	59514	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	53604	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	50878	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	16708	0.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	33741	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	56123	0.38	ng/ul	0.00
Target Compounds						
					Qvalue	
3) 1,4-Dioxane	3.23	88	18915	0.97	ng/ul#	100
5) Naphthalene	10.57	128	63601	0.41	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	42614	0.42	ng/ul#	100
9) Acenaphthylene	14.09	152	53823	0.44	ng/ul	98
10) Acenaphthene	14.43	153	42100	0.41	ng/ul#	77
11) Fluorene	15.44	166	45666	0.41	ng/ul	98
13) Pentachlorophenol	16.78	266	5289	0.38	ng/ul	95
14) Phenanthrene	17.16	178	70510m	0.41	ng/ul	
15) Anthracene	17.26	178	62026	0.43	ng/ul	99
17) Fluoranthene	19.19	202	74492	0.39	ng/ul	99
19) Pyrene	19.55	202	77582	0.42	ng/ul	100
20) Benzo(a)anthracene	21.31	228	68617	0.44	ng/ul	100
21) Chrysene	21.36	228	72220	0.41	ng/ul	100
23) Benzo(b)fluoranthene	22.90	252	79152	0.41	ng/ul	98
24) Benzo(k)fluoranthene	22.95	252	65865	0.36	ng/ul	98
25) Benzo(a)pyrene	23.48	252	71160	0.41	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.87	276	82802	0.40	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.88	278	66018	0.40	ng/ul	98
28) Benzo(g,h,i)perylene	26.57	276	70763	0.39	ng/ul	98

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

U.M.
 11/22/2015