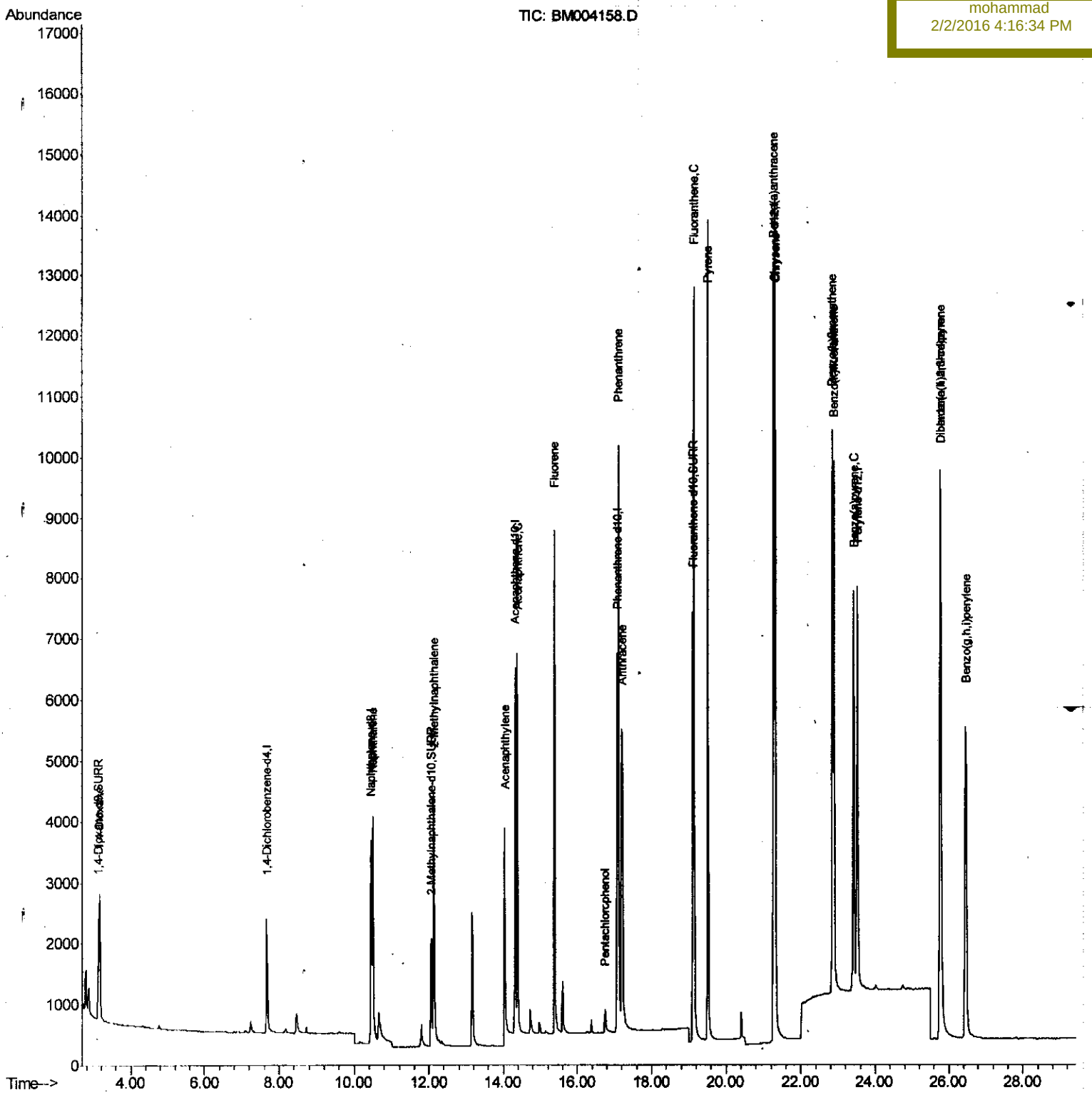
Data Path : Z:\HPCHEM1\BNA_M\Data\BM020116\
Data File : BM004158.D
Acq On : 01 Feb 2016 10:52
Operator : SJ/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 01:19:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 14:08:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
mohammad
2/2/2016 4:16:34 PM

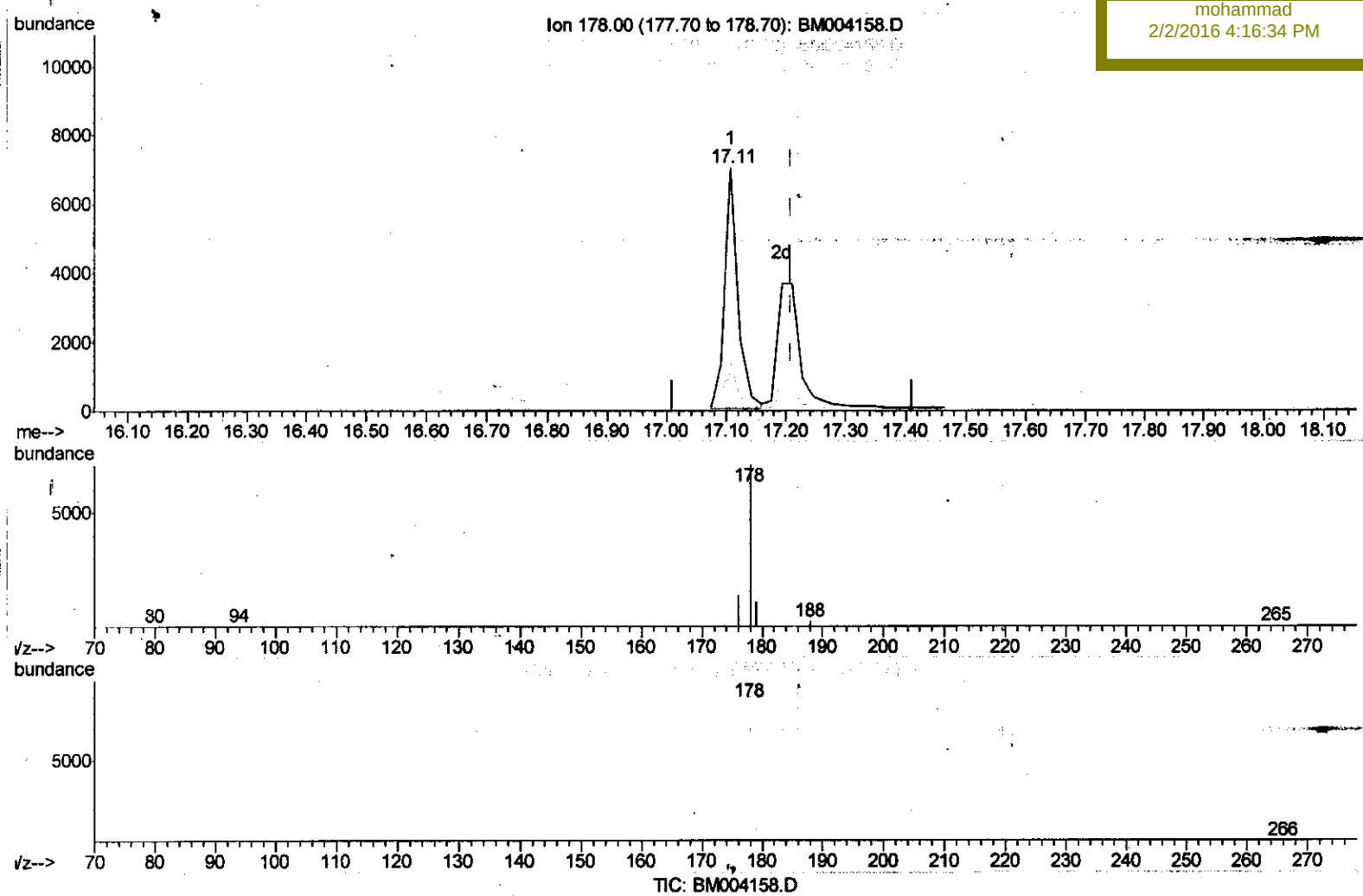


Data Path : Z:\HPCHEM1\BNA_M\Data\BM020116\
Data File : BM004158.D
Acq On : 01 Feb 2016 10:52
Operator : SJ/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 18:12:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 14:08:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
mohammad
2/2/2016 4:16:34 PM



TIC: BM004158.D

(15) Anthracene

17.108min (-0.103) 0.49ng/ul

response 11083

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	19.52
179.00	16.10	15.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020116\
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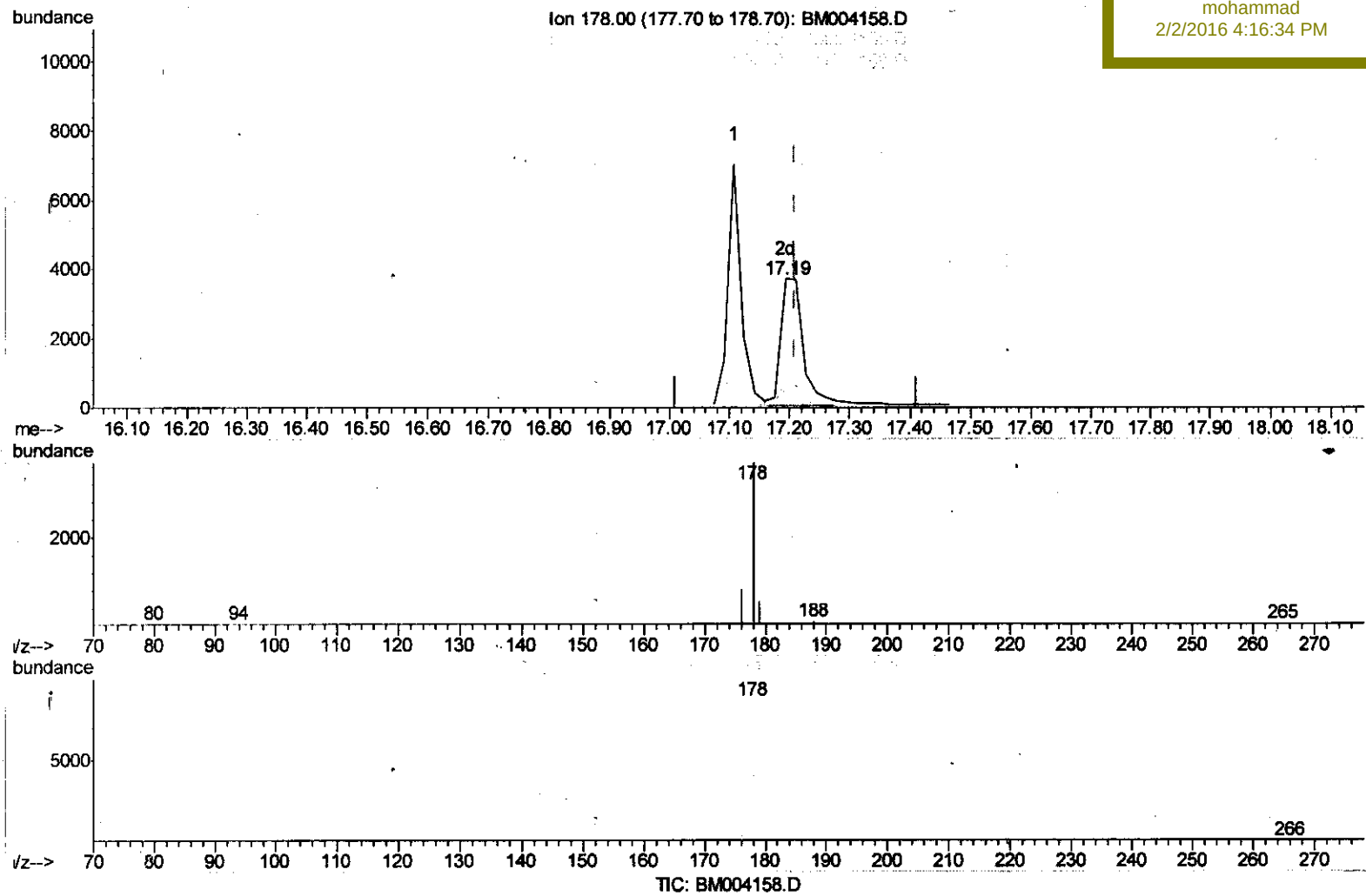
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
mohammad
2/2/2016 4:16:34 PM



TIC: BM004158.D

(15) Anthracene

17.193min (-0.017) 0.44ng/ul m

response 10045

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	22.31#
179.00	16.10	14.91
0.00	0.00	0.00

S. J
02/02/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020116\
Data File : BM004158.D
Acq On : 01 Feb 2016 10:52
Operator : SJ/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 01:19:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 14:08:14 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.454

Manual Integrations APPROVED
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2/2/2016 4:16:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1359	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.45	136	5766	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	3596	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	9817	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	10180	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	9329	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.12	96	1412	2.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	3125	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	10097	0.41	ng/ul	-0.01
Target Compounds						Qvalue
3) 1,4-Dioxane	3.15	88	1773	1.97	ng/ul#	17
5) Naphthalene	10.50	128	5932	0.43	ng/ul#	95
7) 2-Methylnaphthalene	12.12	142	4193	0.42	ng/ul	98
9) Acenaphthylene	14.04	152	5380	0.42	ng/ul#	92
10) Acenaphthene	14.38	153	5048	0.43	ng/ul	97
11) Fluorene	15.38	166	6065	0.42	ng/ul	90
13) Pentachlorophenol	16.75	266	445	0.55	ng/ul	94
14) Phenanthrene	17.11	178	11092	0.41	ng/ul#	94
15) Anthracene	17.19	178	10045m	0.44	ng/ul	
17) Fluoranthene	19.14	202	14585	0.44	ng/ul	95
19) Pyrene	19.51	202	13823	0.44	ng/ul	96
20) Benzo(a)anthracene	21.26	228	11398	0.44	ng/ul	93
21) Chrysene	21.31	228	12910	0.41	ng/ul	94
23) Benzo(b)fluoranthene	22.84	252	14179	0.46	ng/ul	99
24) Benzo(k)fluoranthene	22.89	252	11489	0.39	ng/ul	99
25) Benzo(a)pyrene	23.42	252	11567	0.43	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.77	276	12224	0.41	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.78	278	9236	0.41	ng/ul	97
28) Benzo(g,h,i)perylene	26.45	276	11242	0.40	ng/ul	97

S. J
02/02/16

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