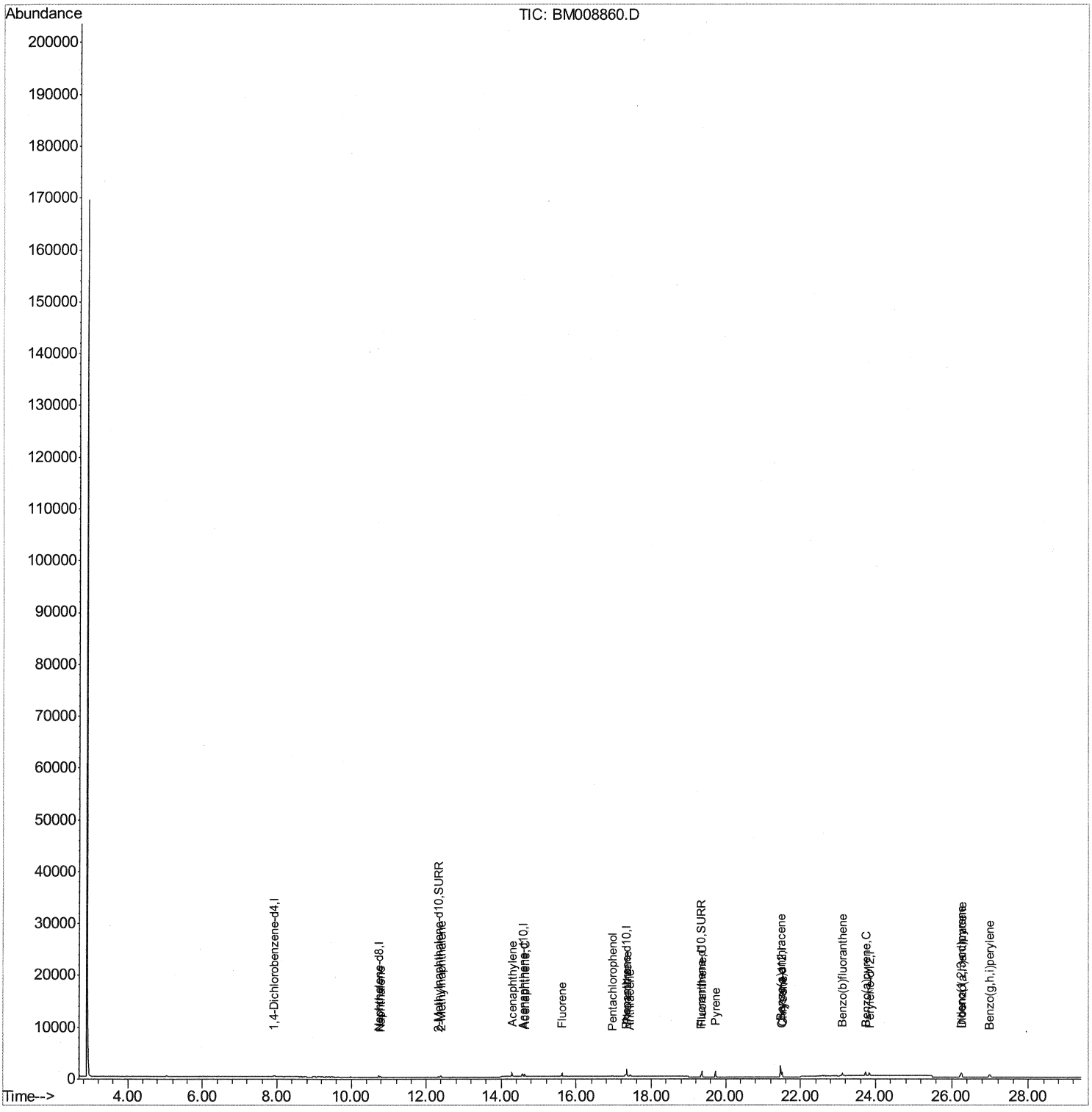
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012517\
Data File : BM008860.D
Acq On : 25 Jan 2017 10:46
Operator : UM/SJ
Sample : I1323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 16:45:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM

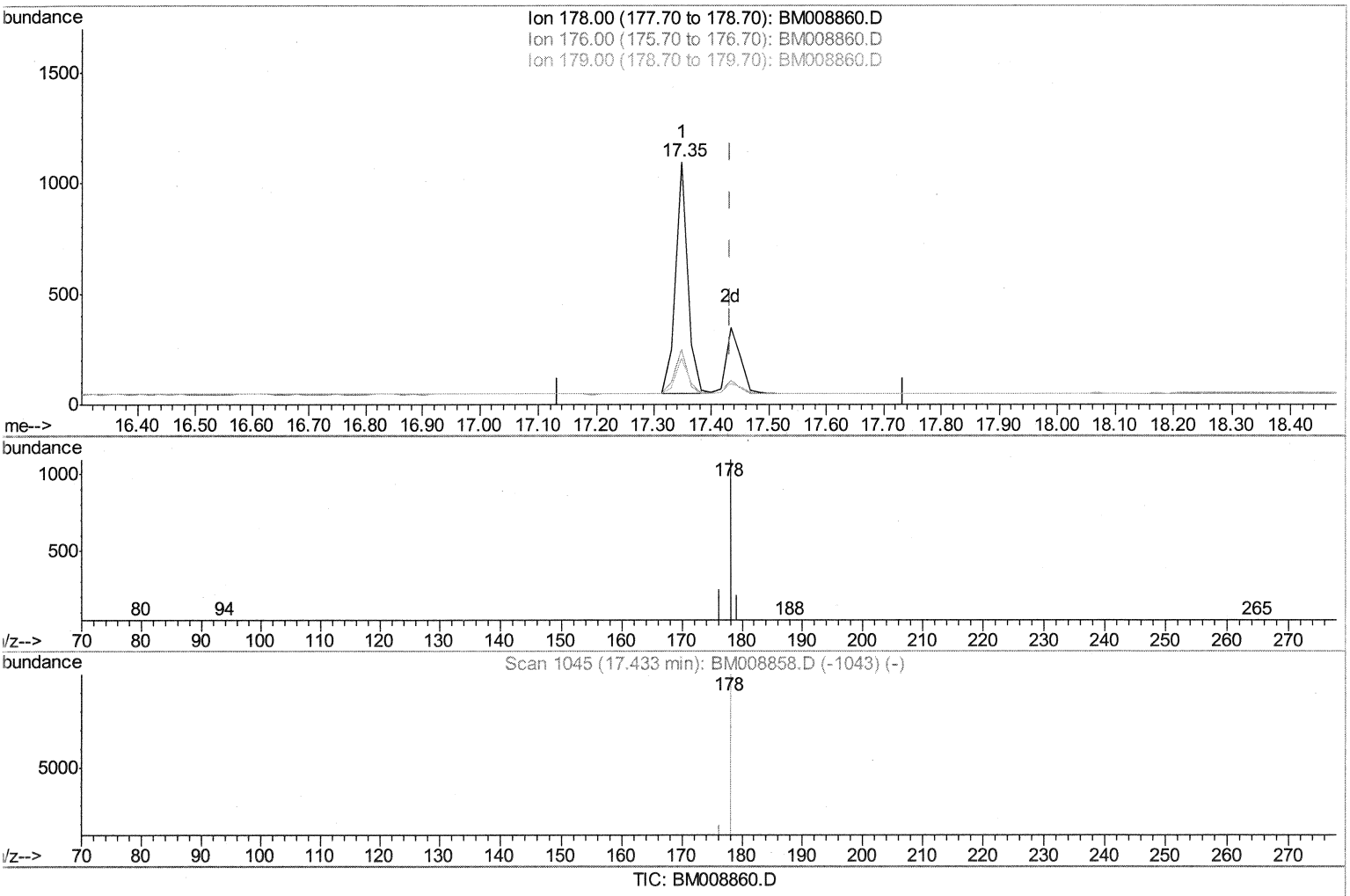


Data Path : Z:\HPCHEM1\BNA_M\Data\BM012517\
Data File : BM008860.D
Acq On : 25 Jan 2017 10:46
Operator : UM/SJ
Sample : I1323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 16:43:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM



TIC: BM008860.D

(13) Anthracene

17.348min (-0.086) 0.73ng/ul

response 1543

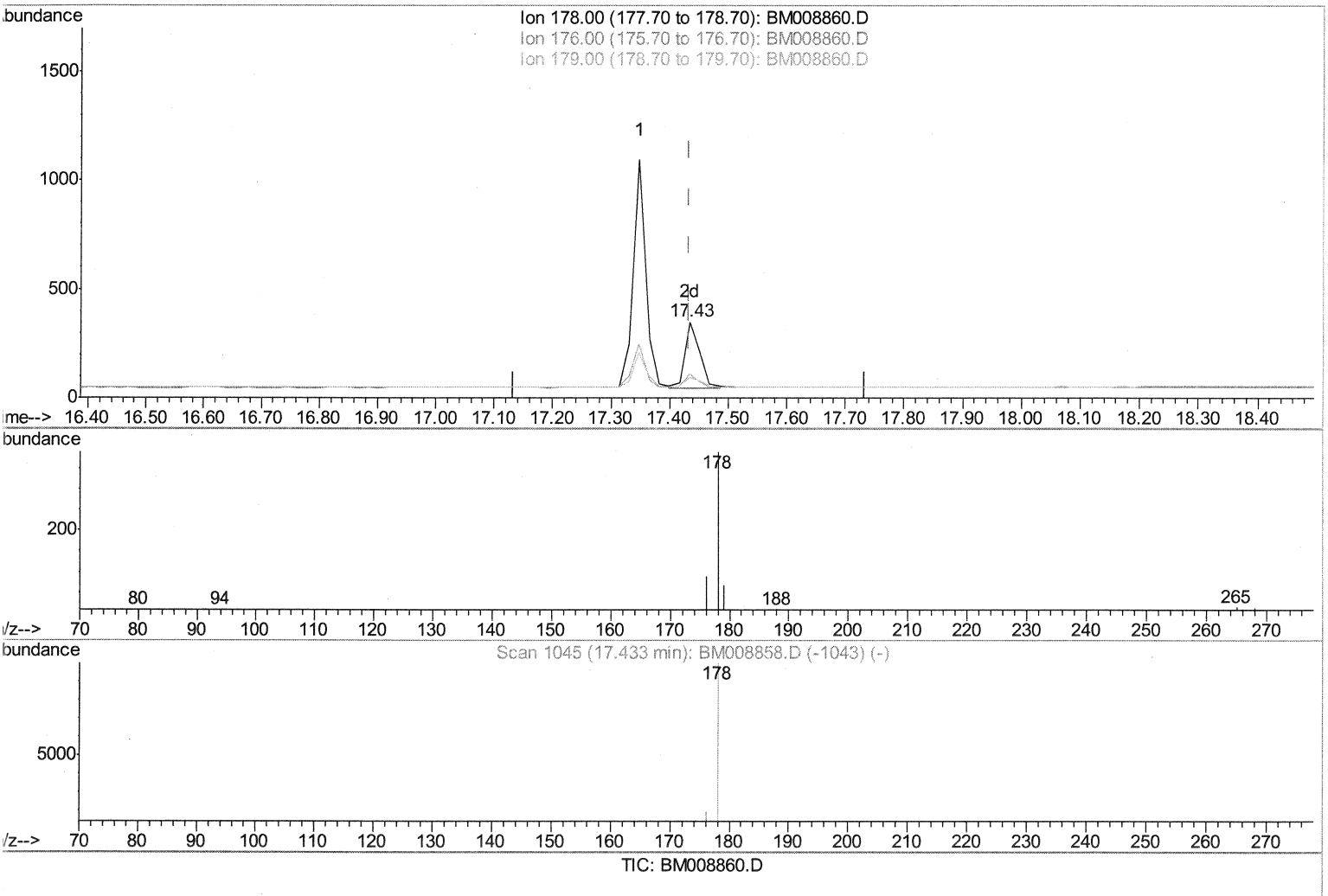
Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.83
179.00	18.40	19.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012517\
Data File : BM008860.D
Acq On : 25 Jan 2017 10:46
Operator : UM/SJ
Sample : I1323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 16:43:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM



TIC: BM008860.D

(13) Anthracene

17.433min (+0.000) 0.25ng/ul m SJ 1/27/17

response 533

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	31.34#
179.00	18.40	26.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012517\
Data File : BM008860.D
Acq On : 25 Jan 2017 10:46
Operator : UM/SJ
Sample : I1323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 16:45:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.74	136	555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	711	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	760	0.40	ng/ul	0.00
20) Perylene-d12	23.84	264	717	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.32	152	301	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	794	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.79	128	379	0.25	ng/ul#	64
5) 2-Methylnaphthalene	12.39	142	302	0.27	ng/ul	91
7) Acenaphthylene	14.28	152	1202	0.71	ng/ul	95
8) Acenaphthene	14.62	153	368	0.31	ng/ul	96
9) Fluorene	15.62	166	507	0.34	ng/ul#	96
11) Pentachlorophenol	16.95	266	158	0.48	ng/ul	93
12) Phenanthrene	17.35	178	1543	0.71	ng/ul	98
13) Anthracene	17.43	178	533m	0.25	ng/ul	
15) Fluoranthene	19.36	202	1136	0.42	ng/ul	97
17) Pyrene	19.73	202	1234	0.41	ng/ul	96
18) Benzo(a)anthracene	21.46	228	1950	0.69	ng/ul	99
19) Chrysene	21.51	228	1002	0.38	ng/ul	93
21) Benzo(b)fluoranthene	23.12	252	1009	0.33	ng/ul	88
23) Benzo(a)pyrene	23.73	252	1255	0.45	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.25	276	1273	0.39	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.27	278	1136	0.44	ng/ul	91
26) Benzo(g,h,i)perylene	26.99	276	1303	0.46	ng/ul#	87

SJ 1/27/17

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