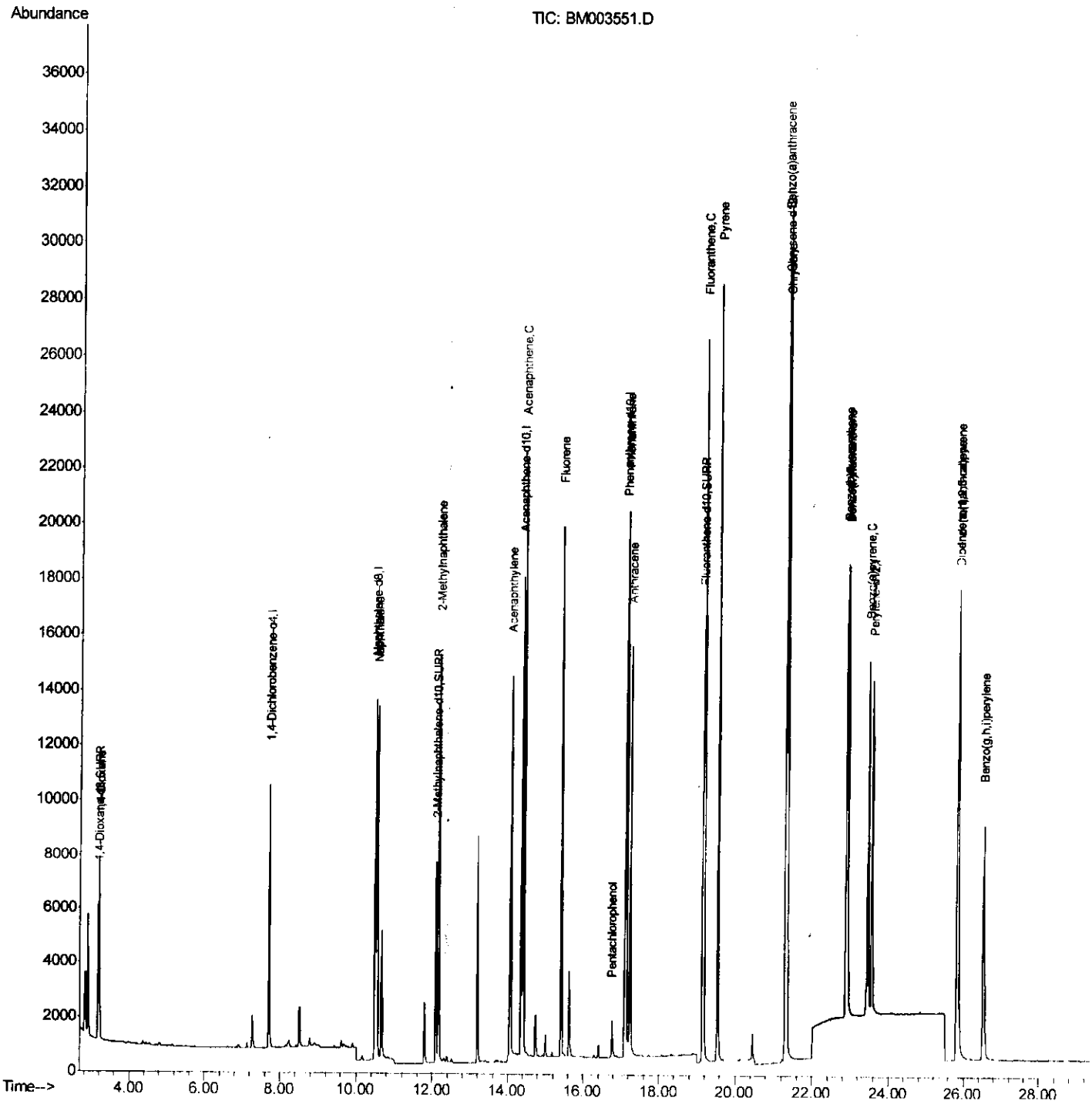
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003551.D
Acq On : 15 Dec 2015 16:35
Operator : UM/IZ
Sample : SSTD0.449
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:44:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.449

Manual Integrations APPROVED
MMdadoda
12/16/2015 5:46:17 PM



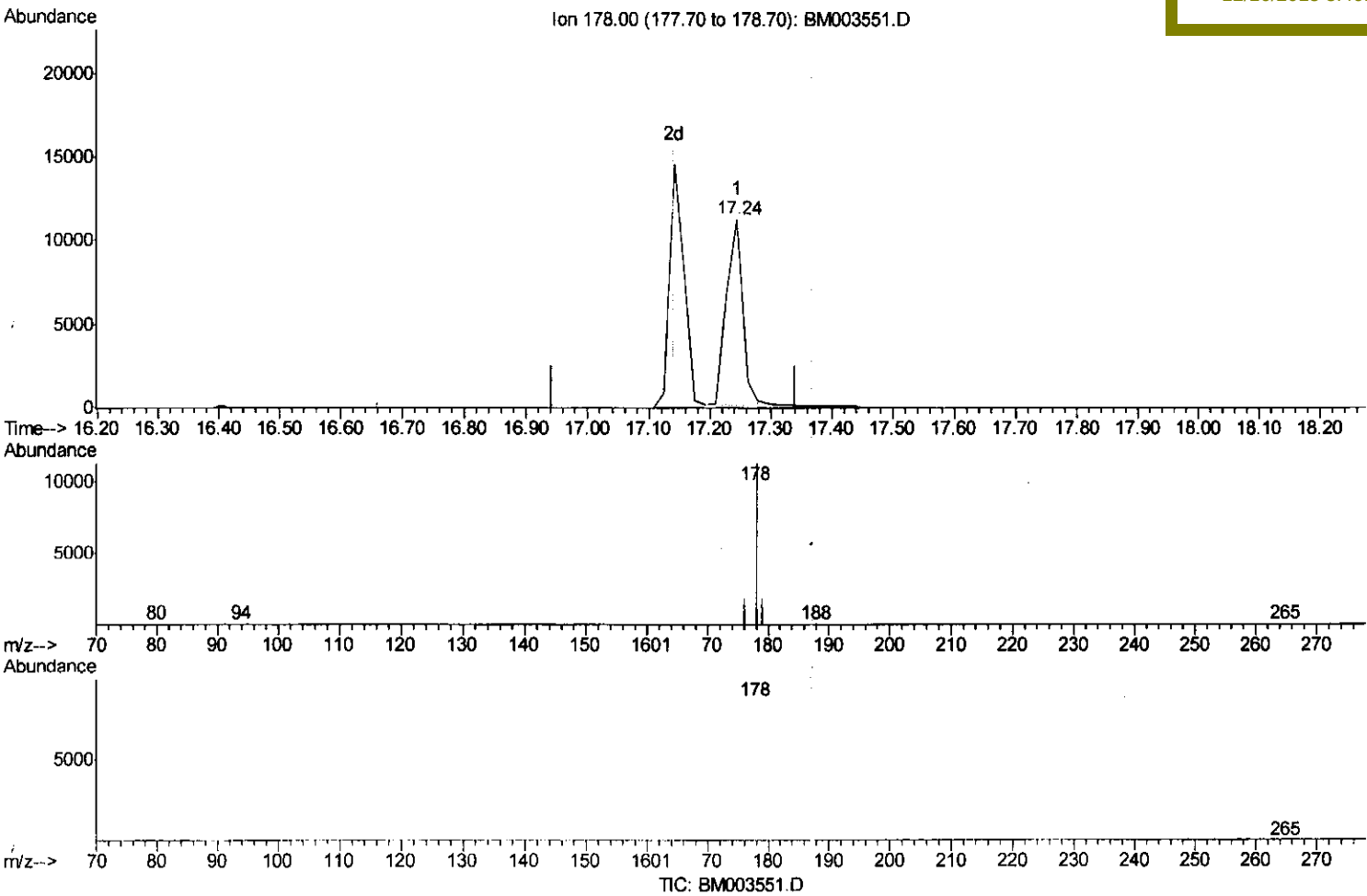
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003551.D
Acq On : 15 Dec 2015 16:35
Operator : UM/IZ
Sample : SSTD0.449
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:42:53 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.449

Manual Integrations APPROVED
MMdadoda
12/16/2015 5:46:17 PM



TIC: BM003551.D

(14) Phenanthrene

17.245min (+0.103) 0.30ng/ul

response 20365

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	16.88
179.00	17.70	17.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003551.D
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Operator : UM/IZ
Sample : SSTD0.449
Misc :
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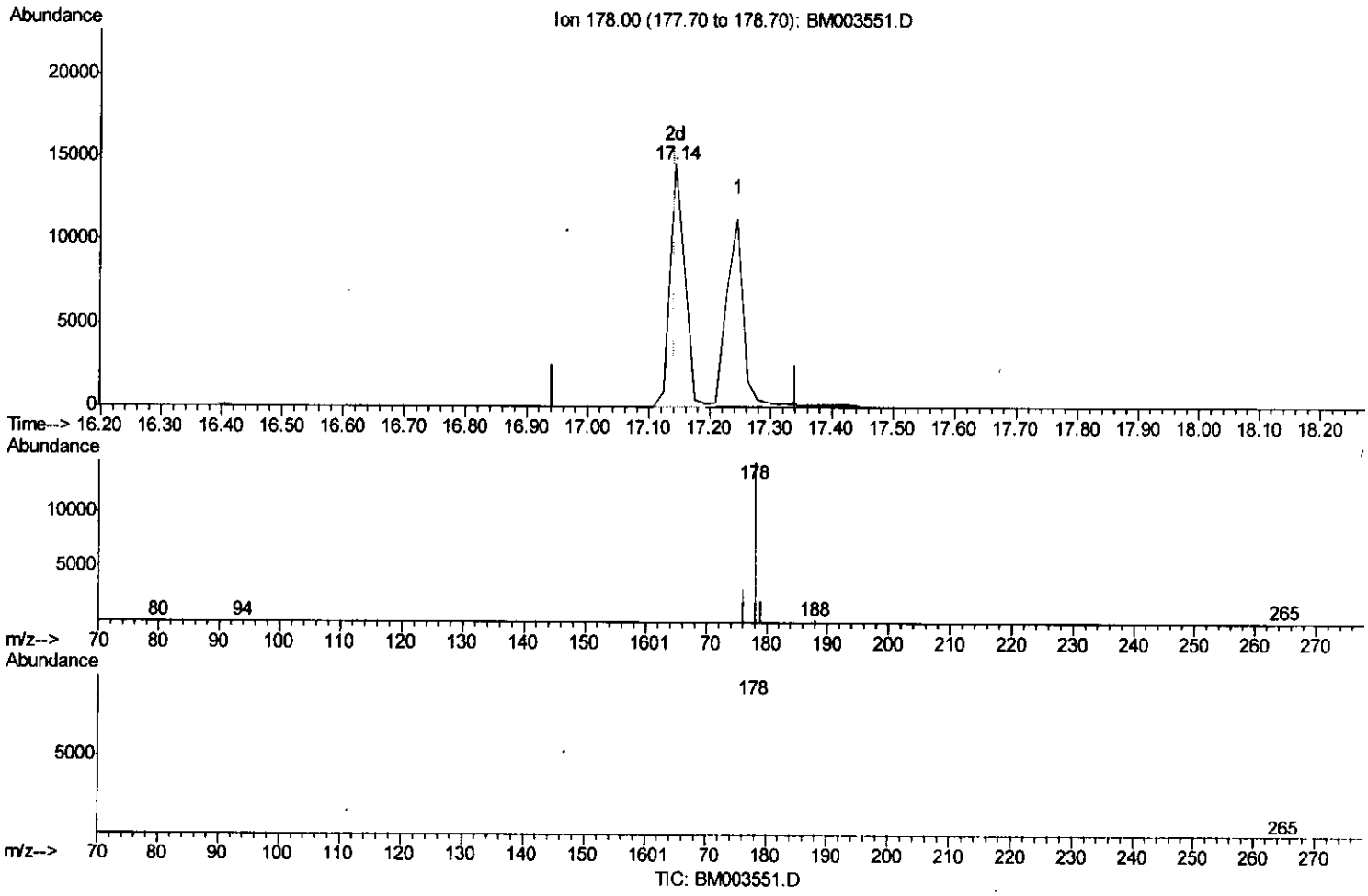
BNA_M
ClientSampleId :
SSTD0.449

Manual Integrations APPROVED
MMdadoda
12/16/2015 5:46:17 PM



(14) Phenanthrene

17.142min (0.000) 0.36ng/ul m U.M 12/17/15

response 24641

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.31#
179.00	17.70	14.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
Data File : BM003551.D
Acq On : 15 Dec 2015 16:35
Operator : UM/IZ
Sample : SSTD0.449
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 17:44:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 17:40:54 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD0.449

Manual Integrations APPROVED
MMdadoda
12/16/2015 5:46:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5384	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	20259	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	10525	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	23316	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	24218	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	16861	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4644	0.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	9867	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	20489	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.21	88	5819	0.89	ng/ul#	100
5) Naphthalene	10.55	128	18499	0.36	ng/ul	97
7) 2-Methylnaphthalene	12.17	142	12603	0.37	ng/ul	99
9) Acenaphthylene	14.07	152	16182	0.37	ng/ul	96
10) Acenaphthene	14.42	153	13361	0.36	ng/ul#	83
11) Fluorene	15.41	166	14919	0.37	ng/ul#	78
13) Pentachlorophenol	16.76	266	1295	0.24	ng/ul	96
14) Phenanthrene	17.14	178	24641m	0.36	ng/ul	
15) Anthracene	17.24	178	21193	0.37	ng/ul	98
17) Fluoranthene	19.18	202	27278	0.36	ng/ul	94
19) Pyrene	19.54	202	27560	0.33	ng/ul	95
20) Benzo(a)anthracene	21.29	228	24218	0.34	ng/ul	94
21) Chrysene	21.35	228	26067	0.33	ng/ul	94
23) Benzo(b)fluoranthene	22.89	252	23849	0.37	ng/ul	94
24) Benzo(k)fluoranthene	22.93	252	20664	0.34	ng/ul	100
25) Benzo(a)pyrene	23.46	252	19577	0.34	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.84	276	21232	0.31	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.85	278	17114	0.31	ng/ul	98
28) Benzo(g,h,i)perylene	26.54	276	18391	0.31	ng/ul	97

U.M 12/17/15

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