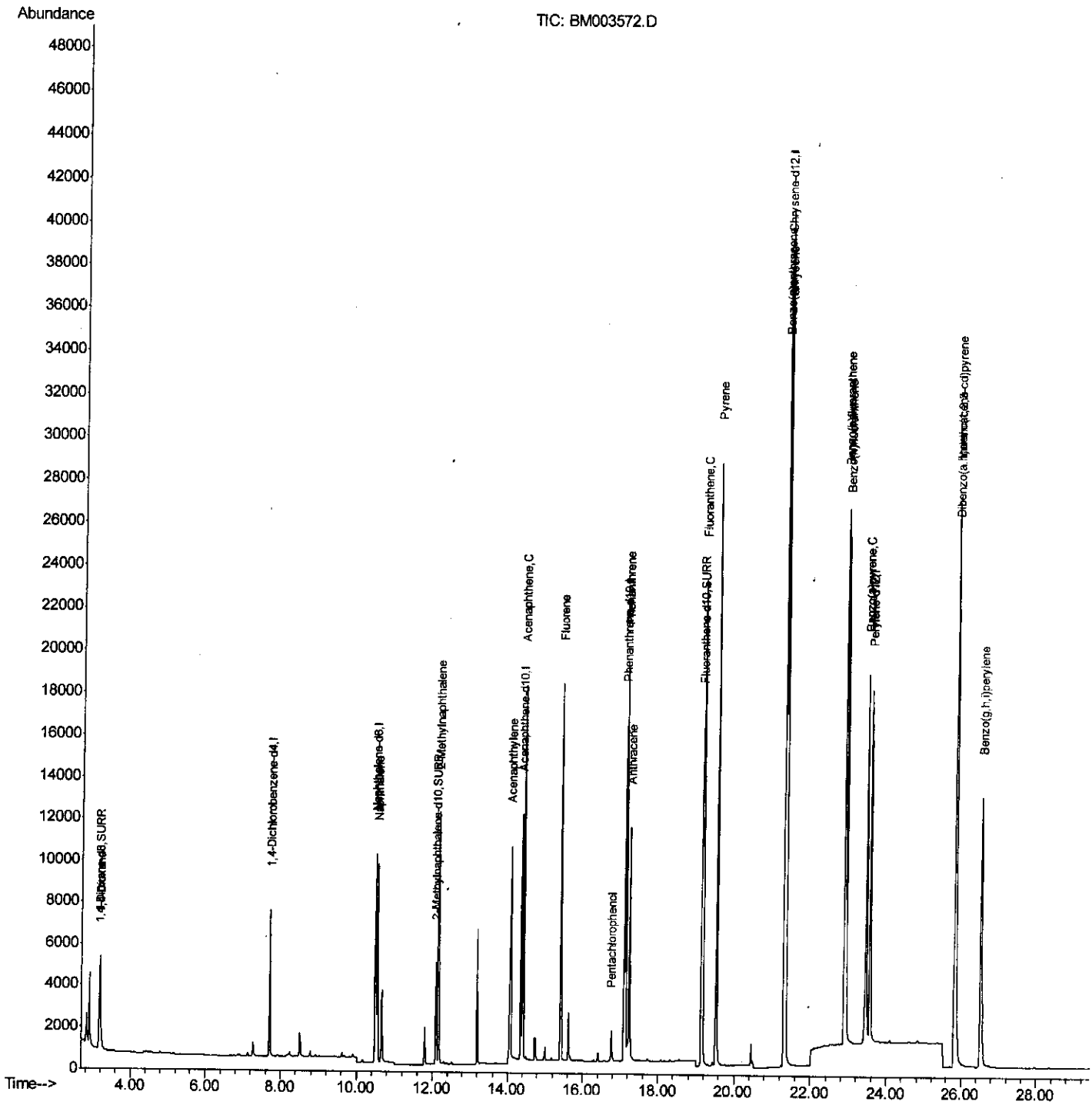
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
Data File : BM003572.D
Acq On : 16 Dec 2015 06:04
Operator : UM/IZ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 18:31:41 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
MMdadoda
12/16/2015 6:39:15 PM



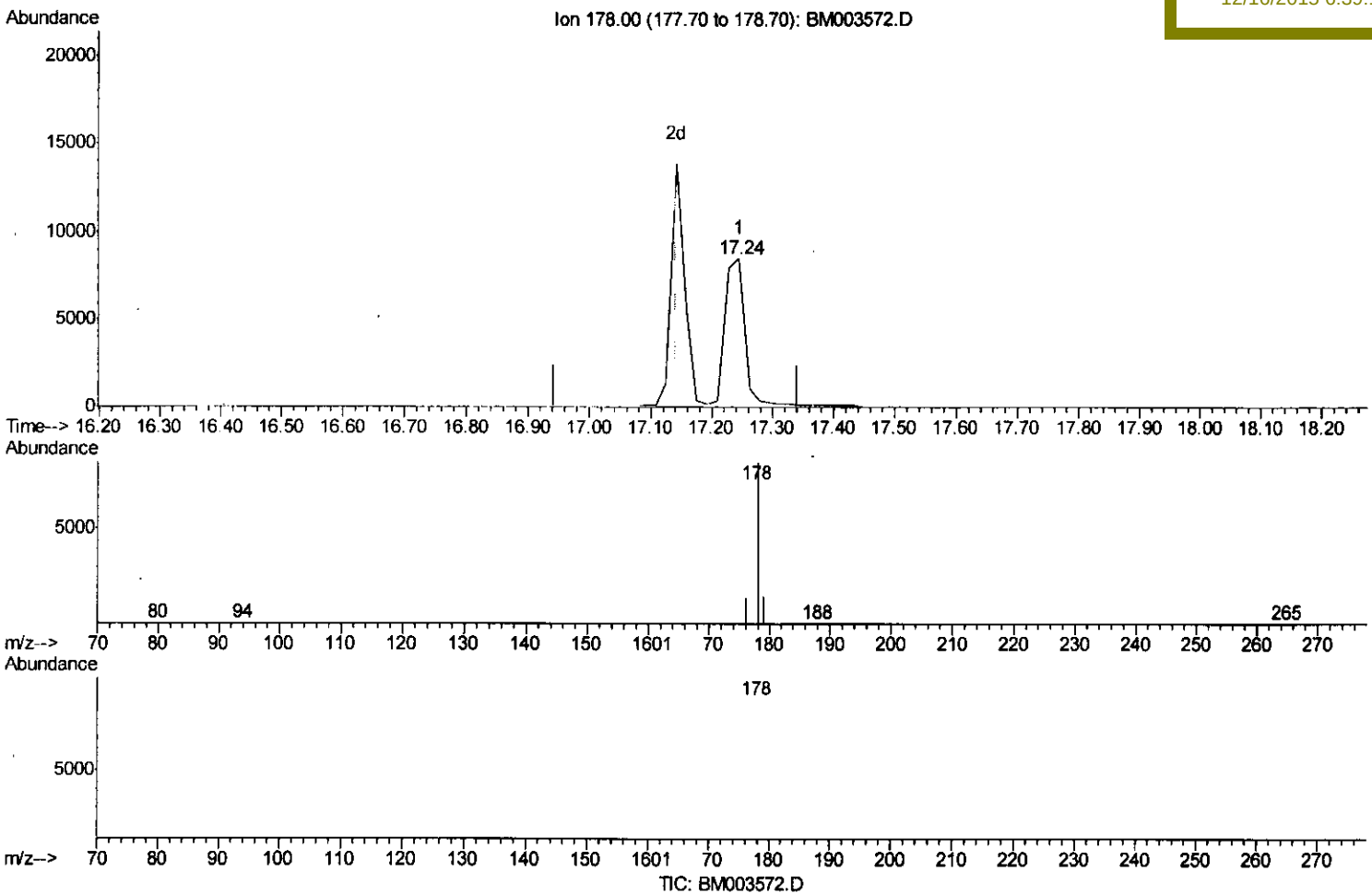
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
Data File : BM003572.D
Acq On : 16 Dec 2015 06:04
Operator : UM/IZ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 17:34:29 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
MMdadoda
12/16/2015 6:39:15 PM



(14) Phenanthrene

17.245min (+0.103) 0.34ng/ul

response 17771

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	16.93
179.00	17.70	17.65
0.00	0.00	0.00

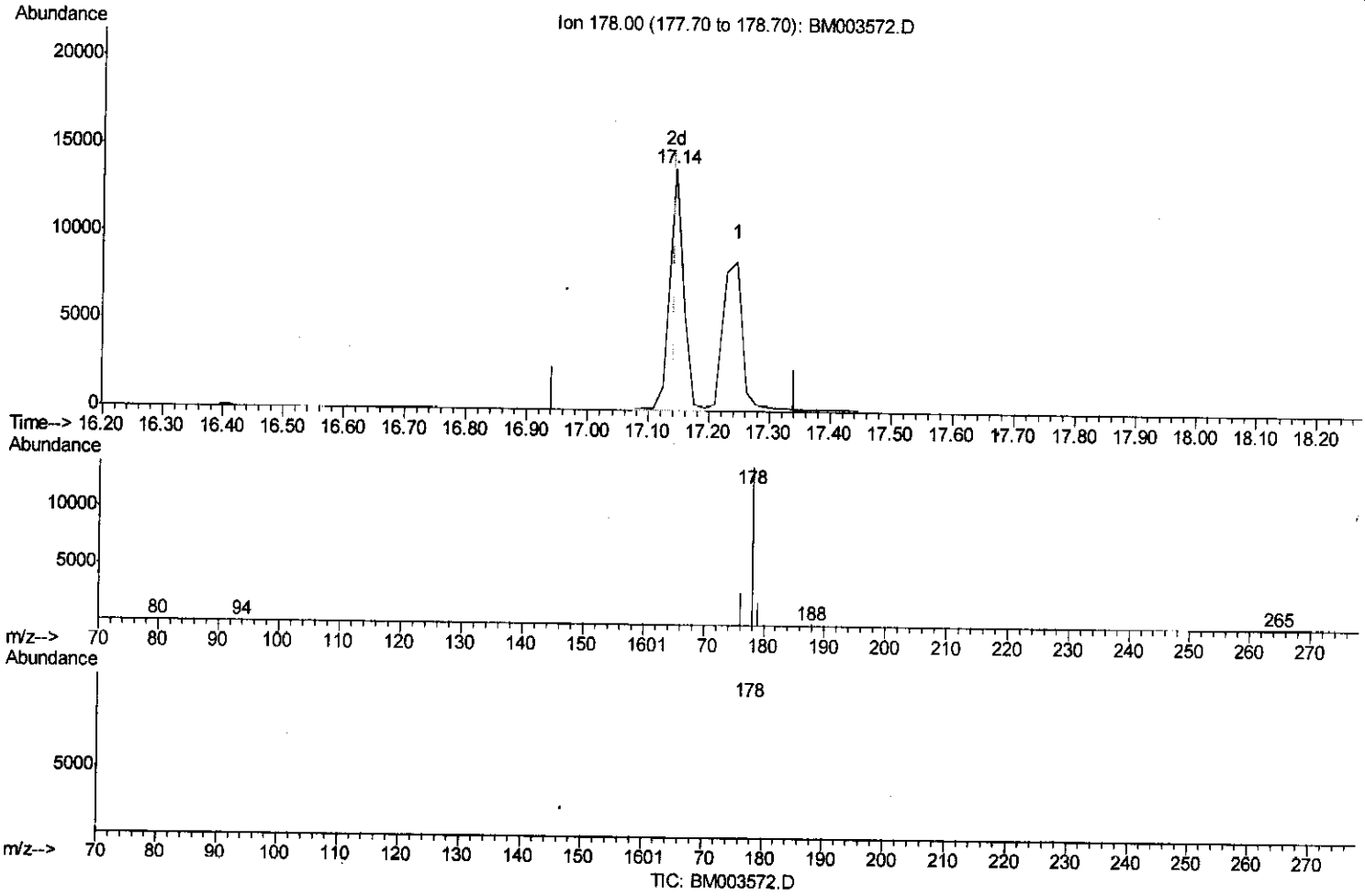
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
Data File : BM003572.D
Acq On : 16 Dec 2015 06:04
Operator : UM/IZ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 17:34:29 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.454

Manual Integrations APPROVED
MMdadoda
12/16/2015 6:39:15 PM



TIC: BM003572.D

(14) Phenanthrene

17.142min (+0.000) 0.42ng/ul m U.M 12/17/15

response 22010

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.70#
179.00	17.70	14.73
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
Data File : BM003572.D
Acq On : 16 Dec 2015 06:04
Operator : UM/IZ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 18:31:41 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 : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.454

Manual Integrations APPROVED
MMdadoda
12/16/2015 6:39:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3627	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	14078	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	7921	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	20174	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	31884	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	23008	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	3121	2.01	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.09	152	7090	0.42	ng/ul	-0.01
16) Fluoranthene-d10	19.14	212	19303	0.45	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.20	88	3867	1.96	ng/ul#	100
5) Naphthalene	10.55	128	13037	0.41	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	9154	0.43	ng/ul	99
9) Acenaphthylene	14.07	152	12400	0.41	ng/ul	95
10) Acenaphthene	14.42	153	10248	0.42	ng/ul	87
11) Fluorene	15.41	166	12149	0.45	ng/ul	84
13) Pentachlorophenol	16.76	266	1337	0.46	ng/ul	96
14) Phenanthrene	17.14	178	22010m	0.42	ng/ul	
15) Anthracene	17.24	178	18641	0.41	ng/ul	98
17) Fluoranthene	19.18	202	26126	0.46	ng/ul	92
19) Pyrene	19.54	202	27595	0.32	ng/ul	95
20) Benzo(a)anthracene	21.29	228	27234	0.35	ng/ul	93
21) Chrysene	21.35	228	34912	0.39	ng/ul	93
23) Benzo(b)fluoranthene	22.89	252	33538	0.43	ng/ul	96
24) Benzo(k)fluoranthene	22.93	252	29195	0.41	ng/ul	96
25) Benzo(a)pyrene	23.46	252	27043	0.41	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.84	276	31781	0.41	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.85	278	25291	0.41	ng/ul	99
28) Benzo(g,h,i)perylene	26.53	276	27757	0.42	ng/ul	97

U.M 12/17/15

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